SEMI-ANNUAL GROUNDWATER REMEDIATION PROGRESS MONITORING REPORT For May 2016

EDWARD WECK, INC.
2917 Weck Drive
Durham, Durham County, North Carolina

Site ID No.: NCD001493931

Prepared for:

Bristol-Myers Squibb Company
6000 Thompson Road
Syracuse, New York 13507

Prepared by:

Aquafusion Environmental Services, Inc.
Chapel Hill, North Carolina
(919) 929-2593
NCPE License No.: C-3507

June 29, 2016

Aquafusion Environmental Services, Inc.

324 Old Forest Creek Drive
Chapel Hill, NC 27514
(919)929-2593 Fax: (919)929-2594

TRANSMITTAL LETTER

To: Janet Macdonald
Inactive Hazardous Sites Branch-REC Program, NCDENR
217 West Jones Street
Raleigh, North Carolina 27603

Date: 7/25/2016	**Job No.:**
RE: Semi-Annual Monitoring Report	
EDWARD WECK, INC., DURHAM, NC	
Site ID #: NCD001493931	

WE ARE SENDING YOU [X] Attached [ ] Under separate cover via _____ the following items:

[ ] Shop Drawings [ ] Prints [ ] Plans [ ] Samples [ ] Specifications

[ ] Copy of Letter [ ] Change Order [X] Other

COPIES	DATE	NO.	DESCRIPTION
1 E-File	7/25/16		Semi-Annual Groundwater Remediation Progress Report For May 2016, June 29, 2016, and Document Certifications

THESE ARE TRANSMITTED as checked below:

[ ] For approval [ ] Approved as submitted [ ] Resubmit ____ copies for approval

[X] For your use [ ] Approved as noted [ ] Submit ____ copies for distribution

[X] As required [ ] Returned for corrections [ ] Return ____ corrected prints

[ ] For review and comment [ ] _____

[ ] FOR BIDS DUE _____ 20 ____ [ ] PRINTS RETURNED AFTER LOAN TO US

COMMENTS Janet, attached is the Edward Weck semi-annual groundwater monitoring report for May 2016.
Please call me at 919-929-2593 if you have any questions. Thanks.

COPY TO: D. Morrison, J. Alonzo
G. Stuart, M. Khalil (CD)

SIGNED: Jan Smith, PE

If enclosures are not as noted, kindly notify us at once.

G:\admin\ncforms\lotform.doc\1-98

SEMI-ANNUAL GROUNDWATER MONITORING REPORT
For May 2016

EDWARD WECK, INC.
2917 Weck Drive
Durham, Durham County, North Carolina

Site ID No. NCD001493931

Prepared for:

Bristol-Myers Squibb Company
6000 Thompson Road
Syracuse, New York 13507

Prepared by:

Aquafusion Environmental Services, Inc.
Chapel Hill, North Carolina
(919) 929-2593
NCPE License No.: C-3507

June 29, 2016

NORTH CAROLINA PROFESSIONAL SEAL 19836 ENGINEER JAN J. SMITH

Jan J. Smith, PE, RSM

7/15/2016

Date

TABLE OF CONTENTS

REMEDIATING PARTY AND RSM CERTIFICATIONS vi
PROJECT BACKGROUND ix
1 INTRODUCTION 1
1.1 Remediation System and Monitoring Network 1
1.2 Lithology and Groundwater Flow Direction Summary 1
1.3 Contaminants of Concern 1
1.4 Remedial Goals 2
1.4.1 2013 Change in DCE NC2L Standard 2
1.5 Sampling Methods 2
1.5.1 Water Level Measurement and Well Volume Calculation 2
1.5.2 Standard Purging and Sampling 3
1.5.3 Low Flow/Low Volume Purging and Sampling 4
1.5.4 Variances to the Purging and Sampling Methods 4
1.5.5 Surface Water Sampling 4
1.6 Remedial Action-Derived Wastes 4
2 MONITORING RESULTS 5
2.1 Summary of Monitoring Results 5
2.2 Groundwater Elevations, Velocity, Flow Direction, and Concentration Trends 5
2.2.1 Hydraulic Conductivity 5
2.2.2 Estimated Groundwater and Solute Migration Velocity 5
2.2.3 Analytical Data and Trends 5
2.2.4 Influence of Groundwater Fluctuation (Rainfall) 7
2.3 Temporal and Spatial Data Statistical Analysis 8
2.3.1 Statistical Plume Analysis 8
2.3.2 Spatial Moment Analysis 8
2.4 Groundwater Cleanup Time and Plume Migration Distance 9
2.4.1 Estimated Groundwater Cleanup Time 10
2.4.2 Estimated Contaminant Migration Distance 10
2.5 Proximity of Plume to Nearest Receptors 11
2.5.1 Nearby Water Supply Wells 11
2.5.2 Sentinel Well and Surface Water Monitoring 11
2.6 Quality Assurance/Quality Control 12
3 UST SECTION SUMMARY 13
3.1 Summary of Former Petroleum UST Sites 13
4 CONCLUSIONS AND RECOMMENDATIONS 14
4.1 Conclusions 14
4.2 Recommendations 14

List of Tables

1. Well Construction Data Summary
2. Groundwater Remediation Progress Monitoring Plan
3. Groundwater Elevation Data – May 2016

4a. Historical Groundwater Elevation Data – Weck Site Upper Water Bearing Zone
4b. Historical Groundwater Elevation Data – Weck Site Lower Water Bearing Zone
4c. Historical Groundwater Elevation Data – IBM M-Area Upper Water Bearing Zone

4d. Historical Groundwater Elevation Data – IBM M-Area Lower Water Bearing Zone
5a. Current and Average Historical Horizontal Gradient and Velocity – Main Plume
5b. Current and Average Historical Horizontal Gradients and Velocity – West Plume
6. Estimated Solute Migration Velocities
7. May 2016 Groundwater Data Summary
8. Spatial Moment Analysis Summary

List of Trend Graphs

1. Dichlorodifluoromethane (R-12) Time-Concentration Trends Near Former Source Area
2. Main Plume Centerline TCA and DCE Time-Concentration Trends
3. West Plume Center TCA and DCE Time-Concentration Trends
4. Plume Lateral Edge Time-Concentration Trends
5. Vinyl Chloride and DCE Time-Concentration Trends
6. DCE:VC Molar Concentration Ratio Over Time
7. 1,4-Dioxane Time-Concentration Trends
8. Change in Estimated Mass Over Time (Summary of Zeroth Moment Analysis)
9. Hydrographs of Plume Center Wells

List of Figures

1. Site Location Topographic Map
2. Site Location Aerial Map
3. Site Vicinity Map
4. Site Plan
5. Edward Weck Site Plan With Monitoring Well and Surface Water Locations
6. Project Site UWBZ (Shallow) Monitoring Well and Surface Water Locations
7. Project Site LWBZ (Deep) Monitoring Well Locations
8. Upper Water Bearing Zone Groundwater Potentiometric Surface – May 2016
9. Lower Water Bearing Zone Groundwater Potentiometric Surface – May 2016
10. UWBZ TCA Data Map, NC2L = 200 ug/L, May 2016
11. LWBZ TCA Data Map, NC2L = 200 ug/L, May 2016
12a. UWBZ DCE Data Map, NC2L = 350 ug/L, May 2016
12b. UWBZ DCE Isoconcentration Map, NC2L = 350 (Bold), MCL = 7 ug/L (Bold), May 2016
13. LWBZ DCE Data Map, NC2L = 350 ug/L, MCL = 7 ug/L, May 2016
14a. UWBZ Vinyl Chloride Data Map, NC2L = 0.03 ug/L, May 2016
14b. UWBZ Vinyl Chloride Isoconcentration Map, NC2L = 0.03 ug/L (Bold Contour), May 2016
15. LWBZ Vinyl Chloride Data Map, NC2L = 0.03 ug/L, May 2016
16a. UWBZ 1,4-Dioxane Data Map, NC2L = 3 ug/L, May 2016
16b. UWBZ 1,4-Dioxane Isoconcentration Map, NC2L = 3 ug/L (Bold Contour), May 2016
17. LWBZ 1,4-Dioxane Data Map, NC2L = 3 ug/L, May 2016
18. UWBZ Total VOC Isoconcentration Map – November 14, 1994 (Baseline)
19. UWBZ Total VOC Isoconcentration Map – May 2016
20. Water Supply Wells Within a ½ Mile Radius of Weck
21. UST Location Map

Appendix

A Groundwater Sampling Logs
B Field Equipment Calibration Logs
C Laboratory Reports and Chain of Custody Forms
D Historical Data
E-1 Statistical Trend Analysis - TCA and DCE
E-2 Statistical Trend Analysis - Vinyl Chloride
E-3 Statistical Trend Analysis - 1,4-Dioxane
F-1 Moment Analysis - TCA and DCE
F-2 Moment Analysis - Vinyl Chloride
F-3 Moment Analysis - 1,4-Dioxane
G Estimate of Remediation Time
H Estimate of Plume Migration Distance

REMEDIATING PARTY AND RSM CERTIFICATIONS

IHSB SITE NAME EDWARD WECK, INC.

DATE & NAME OF DOCUMENT Semi-Annual GW Remed. Progress Rpt. For May 2016 6/29/2016

TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Bristol-Myers Squibb Company, Douglas A. Morrison
Name of Remediating Party

Signature of Remediating Party

6/29/16
Date

NOTARIZATION

New York (Enter State)

Onondaga **COUNTY**

I, Eileen M. Barry, a Notary Public of said County and State, do hereby certify that Douglas A. Morrison did personally appear and sign before me this day, produced proper identification in the form of driver's license, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 29th day of June, 2016

Eileen M Barry
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 10/2018

EILEEN M. BARRY
Notary Public, State of New York
Qualified in Cayuga County
No. 01CA5034323
My Commission Expires Oct 11, ~~19~~ 2018

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 2 OF 2
IHSB SITE NAME EDWARD WECK,INC.
DATE & NAME OF DOCUMENT Semi-Annual GW Remed. Progress Rpt. For May 2016, 6/29/16
TYPE OF SUBMITTAL (circle all that apply) Report, Work plan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

Jan J.Smith, PE
Name of Registered Site Manager

Signature of Registered Site Manager

7/15/2016
Date

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jan J. Smith, PE
Name of Registered Site Manager

Signature of Registered Site Manager

7/15/2016
Date

NOTARIZATION

North Carolina (Enter State)

Randolph **COUNTY**

I, Marizza Fuentes Guzman, a Notary Public of said County and State, do hereby certify that Jan Joseph Smith did personally appear and sign before me this day, produced proper identification in the form of Driver License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 15 day of July, 2016.

Notary Public (signature)

(OFFICIAL SEAL)

MARIZZA FUENTES GUZMAN NOTARY PUBLIC RANDOLPH COUNTY, N.C.

My commission expires: Nov 3, 16

Document Certification Form No. DC - II
(Revised 8/11)

PROJECT BACKGROUND

Site Name and Owner:

The current site name is Aurobindo Pharma USA and it is owned by Aurolife Pharma LLC (Aurolife). During the Division of Water Quality Comprehensive Site Assessment (CSA) and Corrective Action Plan (CAP) phases of the project, the Site was referred to as Weck, Pilling Weck, and Edward Weck, Inc. The former site owner is Bristol-Myers Squibb Company (BMS). BMS is responsible for the current groundwater investigation and remediation.

Site Location:

2917 Weck Drive (formerly One Weck Drive), Durham (Research Triangle Park), Durham County, NC 27709. This location is near the intersection of Alexander Drive and Miami Boulevard.

Inactive Hazardous Sites Branch ID Number: NCD001493931

Former DWQ Site Ranking:

100B – One or more supply wells are in use within 1,500 feet of the extent of groundwater contamination. However, all supply wells are located upgradient of the area of impacted groundwater.

Responsible Party:

Bristol-Myers Squibb Company
6000 Thompson Road, Building 22A
Syracuse, New York 13057

Current Property Owner:

Aurolife Pharma LLC
2400 US 130N
Dayton, NJ 08810

RSM:

Jan Smith, P.E.
Aquafusion Environmental Services, Inc.
Chapel Hill, NC
(919) 929-2593

Release Data:

It is believed that 1,1,1-trichloroethane (TCA) was spilled in the former surgical razor blade manufacturing area, located near the northern corner of the facility, which overlies a north-south trending diabase dike. TCA likely entered the shallow groundwater system near or through this dike. 1,1-dichloroethene (DCE) may be an abiotic degradation product of TCA and, according to the manufacturer, it is a standard impurity in TCA. Dichlorodifluoromethane (R-12) was used

at the facility as a carrier gas in a product sterilization process. Since BMS is aware of no spills or releases of R-12 during manufacturing operations or storage, it has been theorized in previously submitted reports that R-12 was released with steam and water at the end of a pressurized sterilization process, entered the sanitary sewer system through a floor drain in the sterilization room and then leaked into groundwater. The use of TCA was discontinued in January 1996 and R-12 in 1994. No release volumes or dates are known.

Remediation Method Under Former DWQ Authority:

Groundwater releases were discovered at the site in 1993 and were regulated by the Division of Water Quality (DWQ), Aquifer Protection Section, under 15A NCAC 2L authority. For analytical purposes, the groundwater plume was divided into two components, the "main plume" and the "west plume". The main plume remedy was monitored natural attenuation (MNA). As detailed in the CAP Addendum No. 2, enhanced bioremediation (enhanced reductive dechlorination) was evaluated as a possible component to facilitate natural attenuation in the west plume[1]. A pilot system was installed to evaluate the ability of this remedial technology to reduce DCE levels in groundwater sufficiently to prevent exceedances of the former surface water standard (NC2B Standard) in a downgradient drainage ditch; the pilot system was started on August 6, 2001 and injection was completed on August 8, 2003.

In December 2003, USEPA removed DCE from its list of carcinogens and, because of that delisting, on June 28, 2004 the NC Water Quality Section raised the DCE surface water standard from 3.2 µg/L to 6,900 µg/L for Class C waters. The DCE standard was subsequently revised to 5,400 µg/L in 2007, and in 2010 it was revised to 1,500 µg/L, which is the current standard. As a result, there are no surface water impacts that exceed the current surface water standards. Furthermore, no DCE concentrations in groundwater exceed the existing NC2B standard. Thus, it is not likely that surface water quality in the drainage ditch will exceed the current DCE 2B standard in the future. Accordingly, the Site is in compliance with surface water quality standards and the requirements established in CAP Addendum #2 are no longer applicable. Site-wide MNA, as described in the original CAP, was recommended again for the entire Site.

Permits: UIC Permit No: W10500037 (issued June 14, 2001) for injection of HRC at a pilot treatment system.

Regulatory Jurisdiction and IHSB Administrative Agreement:

In 2008, the regulatory jurisdiction for environmental oversight was transferred to NC Division of Waste Management (DWM), Inactive Hazardous Sites Branch (IHSB), Registered Environmental Consultant (REC) Program. The REC Administrative Agreement (AA) was executed December 10, 2008.

Under authority of the Aquifer Protection Section, a number of environmental investigations were completed and associated documents were prepared from 1993 to 2008, including but not limited to, a CSA (April 21, 1994), a CAP (April 1, 1996), CAP Addendum No. 2 (February 23, 2001), UIC Permit Application for enhanced bioremediation groundwater pilot study (March 1, 2001), and CAP Amendment No. 1 (August 24, 2005). In addition, semi-annual monitoring was conducted and semi-annual remedial action progress monitoring reports were prepared and

[1] *Corrective Action Plan, Addendum No. 2, Pilling Weck, Research Triangle Park, NC,* aquaFusion, Inc., February 23, 2001.

submitted while the CAP was under review by the DWQ. The Site was transferred to the IHSB before the DWQ completed their review of the CAP. Under the authority of the IHSB, the Remedial Investigation (RI) report was completed on November 7, 2013, the Remedial Action Plan (RAP) was completed on December 2, 2013, a RAP Addendum was completed on March 6, 2014, and the Proposed RAP Completion Certification (WPC-III) was certified on March 24, 2014. Site-wide MNA was selected as the preferred remedy in the RAP.

MNA was implemented under DWQ authority while the CAP was under review and per the recommendation of the IHSB, MNA continued to be implemented while the RI and RAP were prepared.

Vapor Intrusion Assessment

Groundwater within 100 feet of the Weck building is impacted with Volatile Organic Compounds (VOCs) at concentrations that exceed the NC2L standards; thus, the potential for structural vapor intrusion from contaminated groundwater was evaluated during the remedial investigation[2]. Groundwater data were initially compared to screening levels, which were exceeded. As a result, a phased approach for evaluating vapor intrusion potential was implemented that included exterior, near slab soil gas screening (October 2011), sub-slab soil gas sampling (February 2012), confirmatory sub-slab soil gas sampling (January 2013), indoor air monitoring coupled with sub-slab soil gas sampling (March 2013), and confirmatory indoor air monitoring (March 2014). Subslab and indoor air monitoring were conducted during worse-case temperature conditions per the REC vapor intrusion guidance. Each soil gas and indoor air monitoring event included an evaluation of the cumulative risk and hazard index at each sampling location.

Because a number of constituents in some exterior and sub-slab soil gas samples exceeded residential and industrial screening levels, and the corresponding soil gas cumulative risk or hazard index exceeded acceptable residential and industrial thresholds, indoor air samples were collected throughout the facility in former process areas, office areas, and work stations. No cumulative target risk or hazard index was exceeded in the initial indoor air sampling event or in the second, confirmatory sampling event. Because no risk thresholds were exceeded, no further vapor intrusion assessment or abatement was necessary.

[2] *Remedial Investigation Report*, Aquafusion Environmental Services, Inc., November 7, 2013.

1 INTRODUCTION

1.1 Remediation System and Monitoring Network

This report summarizes the effectiveness of site-wide natural attenuation using groundwater data collected since 1993. Figures 1 through 5 are site location maps and site plans. Project site plans with the monitoring well system and former source locations are included in Figure 6 (shallow well and surface water monitoring locations) and Figure 7 (deep well locations). Monitoring well construction information is included in Table 1. Table 1 includes all project wells; although only strategic plume centerline, lateral, and downgradient sentinel wells are currently monitored. Table 2 includes the current monitoring plan.

1.2 Lithology and Groundwater Flow Direction Summary

The Site is underlain by fractured sandstone, siltstone, and mudstone formations that extend beyond 150 feet deep; the saturated thickness of impacted groundwater is about 55 feet. Estimated or assumed aquifer parameters used in various calculations in this report are based on sandstone and siltstone aquifer material.

The potentiometric gradient and groundwater flow direction is west and southwest. A north-south trending diabase dike is a prominent structural feature that bisects the Site and extends south onto IBM property. The northern portion of the dike does not have a pronounced effect on Site potentiometry. However, the dike slows or inhibits flow across the Site to the west, and it influences contaminant flow to the south. Further south on IBM property, the dike is a more influential hydrogeologic feature where groundwater flows south to the dike (Figure 8). Two areas of groundwater impact have developed primarily because of this feature, a “Main Plume” and a “West Plume”. The dike controls flow of the main plume to the south. Away from the dike, the west plume is influenced by shallow groundwater flow to the west.

1.3 Contaminants of Concern

The extent of the plumes is defined horizontally and vertically. The contaminants of concern (COC) are constituents that exceed NC2L standards and primarily include TCA, DCE, vinyl chloride, and 1,4-dioxane. TCA was used in former processes, DCE is an impurity in TCA and a possible abiotic decay product, and 1,4-dioxane is a stabilizer added to TCA. Vinyl chloride is present at MW-16S as a dechlorination byproduct from anaerobic degradation of DCE in the vicinity of the former pilot study in the West Plume; vinyl chloride has also been observed at MW-11 and MW-20. Vinyl chloride is reduced to ethene in the anaerobic treatment zone or is oxidized in downgradient aerobic zones.

The Main Plume is larger in area and of higher concentrations than the West Plume. The Main Plume flows to the south along the diabase dike onto IBM property. The West Plume flows to the west and may periodically partially discharge to an off-site ditch located along Weck Drive (Figures 8 and 19).

Other, minor Volatile Organic Compounds (VOCs) are only periodically observed in groundwater at concentrations that exceed the NC2L. For the May 2016 sampling event, these compounds include 1,1,2-trichloroethane (1,1,2-TCA), 1,1-dichloroethane (DCA), and 1,2-dichloroethane (1,2-DCA). These minor VOCs have been observed at very low levels at isolated locations within the larger TCA-DCE-vinyl chloride-1,4-dioxane plume. Therefore, they

are not included in trend or statistical analyses. However, they continue to be monitored during routine monitoring events.

Dichlorodifluoromethane (R-12) was a contaminant of concern from 1993 to 1998. However, R-12 has not exceeded the NC2L standard since November 1998, and concentrations have continued to decline. Monitoring wells E-MW-2 and MW-11 are located downgradient of the R-12 source area, the sewer line segment located north of MW-11. Decreasing time-concentration trends at E-MW-2 and MW-11 (Graph 1) demonstrate no current source of R-12 exists and current concentrations are less than the NC2L.

Monitoring wells E-MW-3, MW-9, MW-10, MW-16S, and MW-19 are located cross gradient or downgradient of the former R-12 source area. These wells, which were historically used to define the downgradient and lateral extent of impacts, are either not impacted with R-12 or only slightly impacted, albeit below the NC2L standards. The lack of impacts or only very low concentrations at these wells indicates that R-12 is currently confined to a small area.

1.4 Remedial Goals

The goal of natural attenuation is to reduce groundwater concentrations to below the applicable NC2L standards and prevent impacts to nearby surface waters greater than the NC2B standards. The NC2L and NC2B standards are included in the data tables.

1.4.1 2013 Change in DCE NC2L Standard

The Environmental Management Commission (EMC) approved a change to the groundwater regulations allowing establishment of a groundwater standard greater than the Maximum Contaminant Level (MCL) in certain cases. This change currently applies to only one standard, for DCE, where the groundwater standard was increased from the MCL (7 µg/L) to 350 µg/L. The EMC approved additional changes that included a statement that where a standard for a substance is greater than the MCL, the Director shall apply the MCL as the groundwater standard at any private drinking water well or public water system well that may be impacted. At those sites (which does not apply for Weck), the standard remains the MCL, or 7 µg/L for DCE. These changes became effective April 1, 2013.

1.5 Sampling Methods

1.5.1 Water Level Measurement and Well Volume Calculation

Prior to collecting groundwater samples, depth to water was measured at each well using an electronic water level indicator with both audible and visual alarms. Depth to water was measured to an accuracy of 0.01-ft from the surveyed top-of-casing. Prior to purging one well volume was calculated as follows:

(1) One Well Vol (gal) = [total well depth (bgs) - depth to water (bgs)] x well capacity (0.16 gallons/ft of saturated depth for two-inch wells)

Purge volumes are included in the sampling logs (Appendix A).

1.5.2 Standard Purging and Sampling

Groundwater sampling methods are based on EPA Region 4 Science and Ecosystem Support Division (SESD), Field Branches Quality System and Technical Procedures. According to the SESD guidance, an adequate purge is typically achieved when a minimum of three well volumes have been removed or groundwater geochemistry (pH, specific conductance, and turbidity) has stabilized. If three well volumes are removed and geochemistry has not stabilized, additional well volumes, to a maximum of five volumes, are removed.

A variable speed peristaltic pump with dedicated polyethylene tubing was used to purge and sample monitoring wells. Pumping rates were adjusted to approximately match well recovery rates in order to stabilize drawdown. Water level was continuously monitored at each well while purging and the depth of the downhole tube intake was continuously adjusted to approximately six inches to two feet below the water column surface.

Field geochemistry data were determined using a YSI 556 multi-parameter water quality meter and flow through cell and a Hach 2100Q turbidity meter. Prior to mobilizing to the site and at the start of each sampling day the meters were calibrated in the field after a warm-up period by the following methods: (1) conductivity – calibrated with a known conductivity standard or multiple standards that bound the typical site values, (2) pH – calibrated using a three-point standard method, (3) Oxygen Reduction Potential (ORP) – calibrated with a known ORP standard if determined to be necessary (not a typical calibration requirement and not used this event), (4) DO is calibrated using the water-saturated air method, and (5) turbidity – calibrated using a three-point standard and a calibration verification standard. Calibration logs are included in Appendix B.

Field geochemistry parameters were monitored during purging and recorded in sampling logs (Appendix A). Field parameters measured this event included: temperature, pH, specific conductance, DO, ORP, and turbidity. Each well was considered purged once approximately three well volumes of water had been removed, geochemistry stabilized, or the well was pumped dry. Parameter stability equals three consecutive measurements where pH remains constant within 0.1 S.U., specific conductance varies by no more than 5%, and turbidity is stable or is less than 10 NTUs. If a monitoring well was purged dry, it was allowed to recharge to a sufficient volume to complete sampling.

Once a well was purged, groundwater samples were collected for the contaminants of concern, VOCs (Method 8260B) and 1,4-dioxane (Method 8260C SIM). Per SESD guidance, VOC samples collected with a peristaltic pump were obtained using the reverse flow method. Each sample container was clearly labeled with a permanent marker with site identification, sample (well) identification, sample date, sample time, analysis requested, and preservative. Following collection, each sample container was placed in a cooler and chilled to approximately 4 degrees C with ice. Prior to shipment to the analytical laboratory, each sample was logged on a Chain of Custody form that accompanied the samples to the laboratory. A copy of the chain of custody and analytical data reports are included in Appendix C.

In addition to field geochemistry data, the number of sample containers and sample bottle volumes for each analysis are listed in the sampling logs. All samples were delivered to Environmental Conservation Laboratories, Inc. (ENCO) in Cary, NC for analysis.

1.5.3 Low Flow/Low Volume Purging and Sampling

In accordance with SESD groundwater sampling guidance, in order to minimize purge volume or sampling time, selected deep wells with large purge volumes and shallow low yield wells were purged and sampled using low flow/low volume purging methods. For this sampling event deep wells MW-16D, MW-18, CW-3D, and CW-4Dike were purged using low flow techniques. The peristaltic pump downhole tubing intake was placed at the mid-screen depth. The low-flow pumping rate was adjusted to approximately equal the recharge rate and maintain a stable water level or only a slight drawdown. Water level was continuously monitored and pumping rate adjusted accordingly to maintain a stable water level.

1.5.4 Variances to the Purging and Sampling Methods

Deep well MW-17 and shallow wells CW-3s, MW-15, and MW-20 were purged and sampled using dedicated bailers. Bailers were slowly lowered and gently immersed into the top of the water column, allowed to fill, then slowly removed in order to minimize turbidity, minimize the potential for water to cascade over the well screen slots, and thus minimize the potential to volatilize target VOCs.

1.5.5 Surface Water Sampling

Because of the large historical database of surface water data that demonstrates no impacts exist, no surface water monitoring was conducted this event.

1.6 Remedial Action-Derived Wastes

Contaminated purge water was staged in labeled 55-gallon drums pending laboratory analysis. Drums are staged at the waste storage building, or adjacent to the plume in an area approved by Teleflex. Drums will be disposed of off-site by a qualified, licensed waste disposal contractor.

2 MONITORING RESULTS

2.1 Summary of Monitoring Results

VOC data indicate that since 1993[3] maximum total VOC (TVOC) concentrations have declined approximately 71 percent and total contaminant mass has decreased by about 62 percent. Results of statistical analyses indicate concentrations are generally decreasing or stable.

2.2 Groundwater Elevations, Velocity, Flow Direction, and Concentration Trends

May 2016 groundwater elevation data are summarized in Table 3. Historical groundwater elevations are included in Tables 4a – 4d, where groundwater elevation data are separated into the Weck Site upper water bearing zone (UWBZ) and lower water bearing zone (LWBZ), and the IBM M-Area UWBZ and LWBZ. Historical horizontal groundwater gradients and average velocities along plume centerlines are summarized in Table 5a (Main Plume) and 5b (West Plume).

Potentiometric surface maps of the May 2016 groundwater elevation data are included in Figure 8 (UWBZ) and Figure 9 (LWBZ). The length of the flow direction arrows is proportional to groundwater gradient.

Groundwater elevations, gradients, and estimated velocities down the plume centerlines are consistent with previous data and site averages. The Main Plume average horizontal gradient is 0.0161 ft/ft and the estimated average velocity is 52 ft/year. The West Plume average horizontal gradient is 0.0197 ft/ft and the velocity is 92 ft/year.

2.2.1 Hydraulic Conductivity

Hydraulic conductivity values for the site were estimated from pumping tests (CSA and CAP) conducted within the north-south dike and off the dike and range from 0.2 feet/day at EMW-3 to 13 feet/day at MW-6. The geometric mean hydraulic conductivity is 1.33 ft/day in the Main Plume and 1.92 ft/day in the West Plume. Geometric mean hydraulic conductivities are used to estimate groundwater and contaminant flow velocity

2.2.2 Estimated Groundwater and Solute Migration Velocity

Table 6 includes a calculation of estimated groundwater velocity and solute migration velocity and lists hydrogeologic parameters used in the calculations.

2.2.3 Analytical Data and Trends

VOC data from the May 2016 sampling event are summarized in Table 7. Appendix C includes the laboratory reports and chain of custody forms; and Appendix D includes historical data. Graphs 2 through 7 are time-concentration plots of plume centerline and lateral wells. Graph 8 includes trend graphs of the change in plume mass over time. Data maps and isoconcentration

[3] 1994 is considered the baseline year because it is the earliest year when most of the existing monitoring wells were available to provide reasonable coverage of the site. However, some data are available from 1993, particularly near the plume center, and are used where appropriate.

maps of the primary COCs (TCA, DCE, vinyl chloride, and 1,4-dioxane) are plotted in Figures 10 through 17. The data indicate the following:

- There has been a substantial natural reduction in maximum TCA and DCE concentrations in the plume center (MW-10, MW-2, MW-6) from the baseline (Graph 2). MW-10 represents the nearest downgradient location from the former source area. At MW-10, the maximum TCA concentration has been reduced by 86%, from 1100 μg/L in 1993 to 150 μg/L, and there has been a 53% reduction in the maximum DCE concentration, from 870 μg/L in 1994 to 410 μg/L. At MW-2, the center of mass, the maximum TCA concentration has been reduced by 86%, from 915 μg/L in 1993 to 125 μg/L (average with duplicate), and there has been a 56% reduction in the maximum DCE concentration, from 940 μg/L in 1994 to 410 μg/L (average with duplicate). At MW-6, the maximum TCA concentration has been reduced by 86%, from 1000 μg/L in 1993 to 140 μg/L, and there has been a 59% reduction in the maximum DCE concentration, from 1,100 μg/L in 1994 to 450 μg/L.

- Total VOC concentration in MW-10 has decreased 71%, from 2,054 μg/L in 1993 to 587 μg/L.

- Total VOC concentration in MW-2 (plume center) has decreased 69%, from 1,818 μg/L in 1993 to 562 μg/L (average with duplicate).

- Total VOC concentration in MW-6 (plume center) has decreased 71%, from 2,062 μg/L in 1993 to 602 μg/L.

- No TCA concentrations exceed the NC2L standard.

- Low level DCE concentrations have migrated downgradient along the diabase dike to the center of the IBM M-Area (monitoring well CW-4Dike) where DCE concentration is 36 µg/L (NC2L standard is 350 µg/L) (Figures 12a and 12b).

- Concentrations of 1,4-dioxane are very low, ranging from non-detect to a maximum of 18 μg/L (MW-10), which is slightly greater than the NC2L standard of 3 μg/L (Table 7, Graph 7 and Figures 16a and 16b). The trend graphs suggest 1,4-dioxane concentrations are stable.

- In the West Plume at MW-11, there has been an 87% reduction in maximum DCE concentration (220 µg/L in March 2001 to the current concentration of 28 µg/L). Both the initial and current concentrations are less than the NC2L standard. At MW-16S, where the pilot was conducted, there has been a 100% reduction in TCA concentration, from 67 µg/L in February 1999 to <1 µg/L, and a 96% reduction in DCE concentration (from 170 µg/L in February 1998 to 7 µg/L) (Graph 3).

- Vinyl chloride is a DCE degradation byproduct and is spatially limited to wells that are located in areas where reducing conditions are greatest, including MW-11, MW-16S, MW-20, and the observation wells near the former HRC injection pilot study (OW-1, OW-2, and OW-3). Concentrations are low and declining in all wells except MW-11 (Graph 5). At MW-11 and MW-16S, DCE is currently present at significant enough concentrations that under anaerobic, reducing conditions, it is biodegrading into vinyl chloride. The DCE/vinyl chloride molar concentration ratio at MW-11 and MW-16S is decreasing, which also

indicates DCE is degrading into vinyl chloride (Graph 6). Vinyl chloride was first observed at MW-16S in 2002, after the HRC pilot injection study was implemented. Although there was a spike in vinyl chloride concentration this event to 47 µg/L, since 2004 the overall trend in concentrations is declining (Appendix E-2, Statistical Trend Analysis - Vinyl Chloride).

- Plume centerline and lateral well concentration trends, and extrapolated TVOC plume contours over time indicate the overall aerial extent of impacts has decreased from the baseline. For comparison, the baseline TVOC plume and current TVOC plume are plotted in Figures 18 and 19. Concentrations at wells which delineate the lateral extent of impacts (MW-19, E-MW-2, MW-15, and MW-5), have declined from 72% to 100% (Graph 4).

- Based on visual assessment of the baseline and current TVOC isoconcentration contour maps (Figures 18 and 19, respectively), the plume center is located near MW-10 to MW-2/MW-6 and concentrations are declining.

- Historical data indicate DCE concentrations near the leading edge of the Main Plume at M-4-dike/M-4-150 increased from 1993 to 2006. However, since 2006 there has been a 47% reduction in the maximum DCE concentration, from 320 µg/L to 170 µg/L (Graph 2). TCA has never exceeded the NC2L in M-4-Dike/M-4-150. Further downgradient at CW-4Dike, DCE concentration increased from non-detect to 33 µg/L in May 2013 and peaked at 42 µg/L in 2014. DCE concentrations have remained stable since 2013 (Appendix E-1C). The current concentration is 36 µg/L (Graph 2).

Data Maps

TCA, DCE, vinyl chloride, and 1,4-dioxane are plotted in Figures 10 through 17. The UWBZ data are contoured to the NC2L concentration, which is highlighted in bold. However, the extrapolated concentration contours do not necessarily reflect the discrete nature of actual contaminant movement. The diabase dike controls contaminant movement in the Main Plume while the concentration contours are interpolated based on a porous media assumption.

Historically, impacts to the LWBZ have been restricted laterally or have not exceeded the NC2L. Therefore, LWBZ data are shown as data maps. For the current monitoring event, low levels of DCE were detected in deep well MW-17 at a concentration less than the NC2L. At deep well CW-3D, low levels of vinyl chloride (1.4 J µg/L) exceeded the NC2L. No impacts were observed at deep well MW-16D and MW-18.

2.2.4 Influence of Groundwater Fluctuation (Rainfall)

Trends in VOC concentration compared to trends in groundwater level of selected plume centerline wells are included in Graph 9. There are no VOC concentration fluctuations due to fluctuations in water level near the leading edge of the plumes, indicating that there is no contaminant smear zone in these areas.

In areas of greater VOC impacts, primarily at MW-2, fluctuating concentrations frequently correspond to fluctuating groundwater levels. This relationship, which may cause temporal fluctuations in the configuration of the plume isoconcentrations, does not impact the overall dynamic of the plume or the natural attenuation remedy.

2.3 Temporal and Spatial Data Statistical Analysis[4]

Time-concentration trend plots were used in Section 2.2.3 to evaluate effectiveness of natural attenuation. This section assesses the overall effectiveness of natural attenuation processes by evaluating individual well TCA, DCE, vinyl chloride, and 1,4-dioxane concentration statistical trends, plume stability (i.e., trends in plume mass temporally and spatially), and the rate at which contaminant concentrations are decreasing either temporally or spatially. Plume stability is evaluated in the following sections from time-series concentration data using three statistical tools: Mann-Kendall trend analysis, linear regression trend analysis and moment analysis. Stable or decreasing trends equate to a stable or decreasing plume. An increasing trend indicates the plume is migrating.

2.3.1 Statistical Plume Analysis

Mann-Kendall and linear regression analyses were performed on TCA, DCE, vinyl chloride, and 1,4-dioxane data from plume centerline wells. Summary tables of linear regression results and individual well linear regression statistics and plots are included in Appendix E-1, E-2, and E-3. Results of the analyses indicate concentration trends are decreasing or stable for all wells except M-4-150, CW-4Dike and MW-11. For M-4-150, which is located near the leading plume edge, the DCE concentration trend is increasing from 1993 to 2006. However, DCE concentrations at M-4-150 peaked in 2006 at 320 μg/L (NC2L std. is 350 μg/L) and have decreased since then, which is demonstrated by the statistical analysis using data from 2005 to 2016. For CW-4Dike, which is located further downgradient near the center of the IBM M-Area and along the diabase dike, DCE concentrations increased from non-detect to 33 μg/L in May 2013; regression analyses indicate concentrations have remained stable since 2013. The current concentration is 36 μg/L (well below the NC2L standard of 350 μg/L). At MW-11, vinyl chloride concentrations exhibit an increasing trend as DCE degrades into vinyl chloride. For 1,4-dioxane, the regression analyses indicate concentrations are either stable or exhibit no trend.

2.3.2 Spatial Moment Analysis

Spatial moment analysis is used to estimate TCA, DCE, vinyl chloride, and 1,4-dioxane plume mass and trends in plume mass, as well as the change in location of the center of mass, and the spread of contaminants about the center of mass. Moment analysis provides a relative measure of plume stability and condition over time. The spatial moment analyses are included in Appendix F and the results are summarized in Table 8. In general, plume mass is declining and the spread about the center of mass is declining, while the location of the plume center is increasing from the source area or exhibits no trend.

2.3.2.1 Zeroth Moment

Plume mass of each sampling event is estimated by integrating the distribution of the contaminants using Delaunay Triangulation to approximate total mass of each constituent. Trends over time are then determined by applying Mann-Kendall methodology to the mass estimates. Positive Mann-Kendall Statistic values (MK(s)) indicate an increase in estimated mass over time, whereas negative values indicate a decrease in estimated mass over time.

[4] The statistical and spatial moment analyses were conducted using Monitoring and Remediation Optimization System (MAROS) Software v3.0, Air Force Center for Environmental Excellence (AFCEE), September 2012.

The strength of the trend is proportional to the magnitude of the Mann-Kendall Statistic (i.e., large magnitudes indicate strong trends).

Using data from 1993 to present for TCA and DCE, from 2001 to present for vinyl chloride, and from 2014 to present for 1,4-dioxane, the zeroth moment (plume mass) trends are as follows:

TCA:	Decreasing
DCE:	Decreasing
Vinyl chloride:	Probably decreasing
1,4-Dioxane	No trend

Note that for vinyl chloride, the moment analysis data range starts after the pilot system was implemented and vinyl chloride production first occurred. Zeroth moment mass estimates and plots are included in Appendix F-1, F-2, and F-3 and summarized in Graph 8.

2.3.2.2 First Moment

The first moment estimates the location of the center of mass of the plume for each sampling event or time period and constituent. The distance from the original source to the center of mass is plotted and Mann-Kendall methodology is used to determine the trend in distance to the center of mass. The change in center of mass location shows movement of the plume center over time. Spatial and temporal trends in the center of mass indicate spreading, shrinking or transient movement. No appreciable movement or a neutral trend in the center of mass indicates plume stability. In order to more fully characterize the plume the first moment trend should be compared to the zeroth moment trend as well.

The first moment analysis indicates no trend for TCA and an increasing trend in the movement of the DCE center of mass over time (Appendix F-1). For vinyl chloride the first moment trend is stable (Appendix F-2), and for 1,4-dioxane there is no trend.

2.3.2.3 Second Moment

The second moment indicates the spread of the plume about the center of mass in both the X direction (parallel to groundwater flow) and Y direction (perpendicular to groundwater flow); the second moment trend is determined by using Mann-Kendall methodology. An increasing trend in the second moment indicates an expanding plume; a declining trend indicates a shrinking plume. No appreciable movement or a neutral trend indicates plume stability. To more fully characterize the plume the second moment trend should be compared to the zeroth moment trend as well.

For the Weck site, the second moment analysis indicates a decreasing trend of DCE spread in the X direction and an increasing trend in the Y direction (Appendix F-1). For TCA, there is a decreasing trend in X direction and no trend in the Y direction. For vinyl chloride there is a decreasing trend in the X direction and a decreasing trend in the Y direction (Appendix F-2). For 1,4-dioxane there is no trend in either direction.

2.4 Groundwater Cleanup Time and Plume Migration Distance

First-order attenuation rate constants are used to estimate time needed to meet remediation goals and contaminant migration distance.

2.4.1 Estimated Groundwater Cleanup Time

Point decay rates (i.e., concentration vs. time attenuation rate constants (k_{point})) are used to estimate time required to meet a remediation goal at a particular point within a plume[5]. In addition, evaluation of k_{point} over time is used to assess whether changes in attenuation processes and thus rates are occurring. According to EPA (Newell, Rifai, Wilson, Connor, Aziz and Suarez, Nov. 2002), concentration vs. time rate constants are one of the best methods to estimate how long monitored natural attenuation might take to reach a clean-up goal assuming a statistically significant number of data are available.

Remediation time is determined by the trend in concentration vs. time from source-zone monitoring wells, or wells in other parts of the plume. The trend is extrapolated to determine how long it will take to reach a cleanup goal. The point decay rate is determined by plotting natural log of concentration vs. time. The decay rate is the slope of the best-fit line and the first-order rate equation is rearranged and solved for time to reach the remediation goal (NC2L standards).

Calculations for TCA and DCE for selected wells in the plume centerline are included in Appendix G. DCE represents the most recalcitrant or worst-case contaminant; TCA concentrations fluctuate and have been reduced to below the NC2L. DCE remediation time is calculated in Appendix G using the NC2L standard of 350 μg/L; the estimated remediation time is on the order of 9 years in the Main Plume. No TCA or DCE impacts exceed the NC2L standards in the West Plume.

Vinyl chloride concentrations in MW-11 are increasing as a byproduct of DCE biodegradation. Remediation time calculations will be included when DCE decay is complete at MW-11 and concentrations exhibit a declining trend. For 1,4-dioxane, concentrations are very low and remain stable or exhibit no trend. Remediation time calculations will be included when concentrations decline.

2.4.2 Estimated Contaminant Migration Distance

As an alternative method for determining if the plume is expanding, stable, or shrinking, concentration vs. distance data along a plume centerline are used to calculate bulk attenuation rate constants (k) which are used for estimating the maximum extent of the plume[6]. Bulk attenuation rates are determined by plotting natural log of concentration vs. distance from the source at a point in time and calculating the slope of the best-fit line using linear regression. If data appear to be first-order, the slope of the regression is multiplied by contaminant velocity to obtain k. Then the first-order rate equation is re-arranged to solve for travel time required to achieve the remediation goal. Bulk attenuation rate multiplied by travel time equals the maximum plume migration distance from the source. This method was used to estimate the maximum DCE and 1,4-dioxane migration distance in the main plume. TCA and vinyl chloride have not migrated offsite.

A summary of the current bulk attenuation rate calculations, estimated migration distances, and trends in migration distances are included in Appendix H. The projected DCE plume extent to

---

[5] Numerous references describe methods for calculating temporal and spatial first-order rate constants. We reference Newell, C.J., H.S. Rifai, J.T. Wilson, J.A. Connor, J.A. Aziz and M.P. Suarez, *Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation*, EPA/540/S-02/500, November 2002.
[6] *See id*.

the NC2L concentration (350 μg/L) is approximately 217 feet downgradient of MW-10. The projected extent of the DCE plume to the MCL concentration (7 μg/L) is approximately 2,170 feet from MW-10, or to the southern portion of the IBM M-Area. The estimated 1,4-dioxane plume migration distance is 896 feet from MW-10, or the north-central portion of the IBM M-Area. No receptor wells are located within the projected maximum extent of the plumes.

Trends in DCE plume migration distances since May 2013, when DCE was initially observed in downgradient well CW-4-Dike, are plotted in Appendix H. The distance trend is stable. Trends of 1,4-dioxane migration distances are plotted as well and since May 2014 appear to be stable.

Vinyl chloride impacts are localized surrounding monitoring wells that exhibit moderate to robust reducing conditions (MW-11, MW-16S, and MW-20). The areal extent of impacts is very limited and thus a migration distance is not included. For example, at MW-16S, where vinyl chloride concentrations are greatest, no impacts were observed at OW-3 from 2009 through 2011, the last sampling events at this well. OW-3 is located only 10 ft downgradient of MW-16S.

2.5 Proximity of Plume to Nearest Receptors

2.5.1 Nearby Water Supply Wells

No site groundwater is used and no water supply wells are located within the plume or the predicted extent of the plume. However, three active water supply wells are located within 1,500 feet of the Site. These wells are located upgradient of the groundwater impacts, north-northeast of the Site. Groundwater flows to the southwest and south away from these wells. Results of the receptor survey were reported in the Remedial Investigation (RI) Work Plan (September 1, 2011). Figure 20 is a site map that shows water supply well locations identified during the RI.

2.5.2 Sentinel Well and Surface Water Monitoring

Shallow and Deep Downgradient Groundwater Monitoring Points

Numerous downgradient sentinel wells exist throughout the IBM M-Area monitoring network. These wells are located downgradient of impacts within the diabase dike (CW-4Dike), along the dike in the UWBZ (CW-4S and CW-5S) and LWBZ (CW-4D and CW-5D), and off the dike in the UWBZ (CW-6S) and LWBZ (CW-6D) (Figures 6 and 7). Shallow sentinel well CW-4Dike was sampled in May 2016 and low levels of DCE (36 μg/L), 1,4-dioxane (2.5 μg/L), DCA (3.4 μg/L) and toluene (0.40 J μg/L) were observed.

Deep Groundwater Underlying the Plume

Twenty six wells are screened in the LWBZ. Monitoring wells MW-16D, MW-17, MW-18, CW-3D, M-4-200R, and M-8-200R are screened in the LWBZ below areas that exhibit the greatest concentrations of VOCs. MW-16D is located below the West Plume and has never been impacted excluding trace amounts of toluene reported once in 2012. MW-18 is coupled with MW-10 in the Main Plume and near the former source area. MW-18 is sampled annually in May and no impacts were observed in 2016. MW-18 has never been impacted with COCs except one sampling event in 1994 where TCA was observed at 0.64 μg/L. No concentrations at MW-18 have ever exceeded the NC2L standards. MW-17 is coupled with MW-2 and is screened below the area of greatest VOC concentration. Very low levels of DCE (1.5 μg/L) were

observed at MW-17 this event. M-4-200R is a deep well coupled with M-4-50R and M-4-150; only low levels of R-12 (1.9 μg/L) were observed at a concentration well below the NC2L (1,000 μg/L).

CW-3D is coupled with CW-3S near the lateral boundary of the main plume; it is sampled annually in May. Trace to low levels of DCA, DCE and R-12 were observed at concentrations less than the NC2L standards. Low levels of vinyl chloride (1.4 J μg/L) were observed at CW-3D, which is an uncharacteristic result. Typically vinyl chloride is not present in this well; CW-3D will continue to be monitored to confirm its presence.

Note that CW-3D, MW-16D, and MW-18 are monitored on an annual frequency in May; MW-17 and M-4-200R are monitored semi-annually in May and November.

Surface Water

Surface water was monitored in Stirrup Iron Creek (SW-1, SW-2, SW-3, and SW-4) and the ditch that runs parallel to Weck Drive (9G1855 and numerous other locations) from 1997 through May 2011. Historical data are included in Appendix D. Low levels of TCA, DCE or R-12 periodically had been observed; however, concentrations were orders of magnitude less than the NC2B standards. Vinyl chloride was observed in 2003 in one surface water sampling location, 9G1855, at concentrations less than the NC2B standard; vinyl chloride was not observed from 2004 through May 2011. Thus, surface water sampling was removed from the monitoring plan.

2.6 Quality Assurance/Quality Control

The overall quality assurance (QA) objective is to ensure that analytical and field data of acceptable quality are produced. Samples were collected by qualified personnel. Data were reported in consistent and appropriate units for the applicable media. Field procedures were conducted based on IHSB policy and guidance and on USEPA's SESD standard operating procedures, and analytical testing was conducted by a certified laboratory.

Laboratory and field QA data included laboratory method blanks, laboratory control samples, matrix spike samples, matrix spike duplicate samples, trip blanks and field sample duplicates. All blank analyses, percent recoveries, and duplicate sample relative percent differences (RPD) were within acceptable limits.

3 UST SECTION SUMMARY

3.1 Summary of Former Petroleum UST Sites

Two leaking petroleum underground storage tanks (USTs) were located on the Weck site, a 25,000 gallon No. 2 fuel oil UST and a 2,500 gallon No. 2 fuel oil UST (Figure 21). The 25,000 gallon UST was removed in 1989 and approximately 440 cy of petroleum-impacted soil was excavated and remediated onsite via land application. The 2,500 gallon UST was removed in 1986 and 65 cy of impacted soil were excavated and staged on plastic. In 1993, during the site-wide comprehensive site assessment, approximately 1,500 cy of residual soil contamination from the 1986 release was discovered near the groundwater table. A petroleum-impacted soil remediation action plan was submitted to DWQ in 1994, both the 65 cy and 1,500 cy of impacted soil were remediated in 1994 via excavation and off-site disposal and groundwater was monitored for VOCs, SVOCs, and MADEP constituents.

Final post excavation and remediation sampling requirements established by the UST Section in 2011 were completed in May 2015 and closure of the two UST Sites with no further action was recommended by BMS in the May 2015 semi-annual monitoring report. As a result, on October 5, 2015 the UST Section issued a Notice of No Further Action for both USTs.

4 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

- Groundwater flow direction and velocity are similar to historical data. As such, groundwater flow and contaminant distribution remain well defined and understood.

- No surface water standards have been exceeded since the surface water standards were updated by the DWQ in June 2004. No surface water concentrations have ever exceeded the current standards. No additional surface water monitoring is necessary.

- Historical and current TVOC plume contour maps indicate that the areal extent of the plume is decreasing.

- Temporal and spatial moment trends calculated by the software package MAROS indicate that concentrations are decreasing in all wells except vinyl chloride in MW-11, and plume mass is decreasing. The TCA plume center of mass location is stable and the DCE plume center of mass location is increasing from the source area as concentrations and mass decline. For vinyl chloride and 1,4-dioxane, the plume center location is stable or exhibits no trend.

- The estimated time to achieve remediation goals is on the order of 9 years based on the NC2L standard for DCE. Low levels of vinyl chloride are increasing as a byproduct of DCE biodegradation and 1,4-dioxane concentrations remain stable, thus no remediation time estimates are included.

- R-12 does not exceed the NC2L standard and is no longer a contaminant of concern.

- UST Section requirements for monitoring MW-20 for petroleum constituents has been completed and no further action at MW-20 is required per the October 5, 2015 Notice of No Further Action. MW-20 will continue to be sampled for primarily chlorinated VOCs in support of groundwater remediation under the authority of the REC Program.

4.2 Recommendations

- Continue monitoring groundwater on a semi-annual basis.

- Deep monitoring wells MW-16D and MW-18 have been monitored since 1994. MW-16D has never been impacted except for one reported observation of low level toluene (0.44 J μg/L) in 2012. MW-18 has never been impacted above the NC2L standards, and except for one reported observation of low level toluene (0.83 J μg/L) in 2012, no groundwater impacts have been observed since 2004. Prior to 2004, low levels of carbon disulfide were reported. Groundwater quality at these two locations is not impacted and is well understood and data from these wells is no longer necessary to evaluate the effectiveness of the remedial objectives. Thus, it is recommended that these two wells be removed from the monitoring plan.

- The next monitoring event is scheduled in November 2016.

TABLES

Table 1. Well Construction Data Summary
Weck Site Wells

Well Identification	Total Well Depth (ft-bgs)[1]	Top of Casing Elevation (ft-amsl)	Ground Surface Elevation (ft-amsl)	Diameter (in)	Surface Casing Depth (ft-bgs)	Screened Interval (ft-bgs)	Screened Interval (ft-amsl)[2]
W-MW-01	25	372.74	372.74	2.00	NA[3]	15 - 25	357.74 - 347.74
W-MW-02	45	382.88	382.88	2.00	NA	15 - 45	367.88 - 337.88
W-MW-03	45	394.19	394.19	2.00	NA	37 - 47	357.19 - 347.19
W-MW-05	55	384.44	384.44	2.00	NA	40 - 55	344.44 - 329.44
W-MW-06	55	382.98	382.98	2.00	NA	20 - 55	362.98 - 327.98
W-MW-07	60	378.49	378.49	2.00	NA	40 - 60	338.49 - 318.49
W-MW-08	50	382.33	382.33	2.00	NA	25 - 50	357.33 - 332.33
W-MW-09	50	368.48	368.48	2.00	NA	20 - 50	348.48 - 318.48
W-MW-10	50	383.55	383.55	2.00	NA	15 - 50	368.55 - 333.55
W-MW-11	40	379.19	379.19	2.00	NA	15 - 40	364.19 - 339.19
W-MW-12	50	381.33	381.33	2.00	NA	30 - 50	351.33 - 331.33
W-MW-13[4]	25	381.63	381.63	2.00	NA	17 - 25	364.63 - 356.63
W-MW-14	30	381.20	381.20	2.00	NA	15 - 30	366.20 - 351.20
W-MW-15	50	383.67	383.67	2.00	NA	20 - 50	363.67 - 333.67
W-MW-16s	50	375.00	375.00	2.00	NA	15 - 50	360.00 - 325.00
OW-1	40	378.73	378.73	2.00	0-25	25 - 40 OH	353.73 - 338.73
OW-2	38	378.36	378.36	2.00	0-23	23 - 38 OH	355.36 - 340.36
OW-3	37	378.47	378.47	2.00	0-22	22 - 37 OH	356.47 - 341.47
W-MW-16D	145	375.06	375.06	2.00	NA	125 - 145	250.06 - 230.06
W-MW-17D	120	383.27	383.27	2.00	80	100 - 120	283.27 - 263.27
W-MW-18	110	383.77	383.77	2.00	80	90 - 110	293.77 - 273.77
W-MW-19	58	382.98	382.98	2.00	NA	38 - 58	344.98 - 324.98
MW-20	25	382.75	382.75	2.00	NA	15 - 25	367.75 - 357.75
MW-21	30	381.15	381.15	2.00	NA	19 - 29	362.15 - 352.15
MW-22	30	379.90	379.90	2.00	NA	20 - 30	359.90 - 349.90
W-AW-01[5]	105	396.60	NM		Unknown	Unknown	Unknown - Unknown
E-MW-01	57	383.47	383.47	2.00	NA	37 - 57	346.47 - 326.47
E-MW-02	20	375.18	375.18	2.00	NA	6 - 16	369.18 - 359.18
E-MW-03	29	381.76	381.76	2.00	NA	18 - 29	363.76 - 352.76
W-PW-01	60	382.50	382.50	2.00	NA	20 - 60	362.50 - 322.50
W-PW-02	68	383.57	383.57	2.00	NA	28 - 68	355.57 - 315.57
CW-1[4]	50	384.60	382.22	2.00	NA	40 - 50	342.22 - 332.22
CW-1D[4]	120	384.34	382.00	2.00	NA	110 - 120	272.00 - 262.00
CW-2[4]	50	361.01	358.76	2.00	NA	40 - 50	318.76 - 308.76
CW-3S	50	368.74	365.83	2.00	NA	40 - 50	325.83 - 315.83
CW-3D	120	368.10	365.51	2.00	65	110 - 120	255.51 - 245.51

NOTES: (1) "ft-bgs" indicates feet below ground surface.
(2) "ft-amsl" indicates feet above mean sea level.
(3) "NA" indicates no surface casing installed.
(4) Abandoned monitor well
(5) Inactive water supply well.
(6) OH = open borehole with surface casing.
NM = Not measured.

Table 1. Well Construction Data Summary
IBM-M Area Wells

Well Identification	Total Well Depth (ft-bgs)[1]	Top of Casing Elevation (ft-amsl)	Ground Surface Elevation (ft-amsl)	Diameter (in)	Surface Casing Depth (ft-bgs)	Screened Interval (ft-bgs)	Screened Interval (ft-amsl)[2]
AD-50	62	360.46	360.46	2.00	19	45.0 - 50.0	315.46 - 310.46
AD-500	482	360.23			19	OH (3) -	341.23 - -121.77
M-1-55	50	355.42	355.42		19	40.0 - 50.0	315.42 - 305.42
M-1-150	169	355.42	355.42		19	159.0 - 169.0	196.42 - 186.42
M-1-155R	171	355.72				-	-
M-1-300	300	355.42	355.42		19	287.0 - 297.0	68.42 - 58.42
M-1-300R	300	354.29	354.29		19	287.0 - 297.0	68.42 - 58.42
M-2-100	89	375.41 (4)	375.41		19	84.0 - 89.0	291.41 - 286.41
M-2-300	299	373.98	373.98		19	289.0 - 299.0	84.98 - 74.98
M-2-300R		376.55		2.00		-	-
M-3-50	52	363.27 (4)	363.27		19	45.0 - 50.0	318.27 - 313.27
M-3-300	303	361.78(4)			19	OH (3) -	342.78 - 58.78
M-4-50[6]	65	374.11(4)	374.11		19	40.0 - 50.0	334.11 - 324.11
M-4-50R	60	374.06	372.06	2.00		50.0 - 60.0	322.06 - 312.06
M-4-DIKE[6]	252	374.47(4)			6.5	OH (3) -	367.97 - 122.47
M-4-150	80	374.63	372.63			70.0 - 80.0	302.63 - 292.63
M-4-200[6]	230	373.95(4)	373.95		19	203.5 - 213.5	170.45 - 160.45
M-4-200R	200	374.68	372.68	2.00		190.0 - 200.0	182.68 - 172.68
M-5-50	53.5	370.01(4)	370.01	2.00	19	45.5 - 50.5	324.51 - 319.51
M-5-300	301	369.86(4)	369.86		19	285.0 - 295.0	84.86 - 74.86
M-6-50	50	357.31(4)	357.31		19	45.0 - 50.0	312.31 - 307.31
M-6-55	55	357.1(4)	357.10		19	50.0 - 55.0	307.10 - 302.1
M-6-300	300	357.86(4)	357.86		19	285.0 - 295.0	72.86 - 62.86
M-7-300	303	370.16(4)		6.00	19	OH (3) -	351.16 - 67.16
M-8-200[6]	178	376.16(4)			18.5	OH (3) -	357.66 - 198.16
M-8-200R	175	375.96	373.96	2.00		165.0 - 175.0	208.96 - 198.96
M-9-300[6]	278	375.14(4)			19	OH (3) -	356.14 - 97.14
M-9-300R	270	376.95	374.95			260.0 - 270.0	114.95 - 104.95
M-10-50	55	368.32(4)	368.32		19.5	45.0 - 50.0	323.32 - 318.32
M-10-300	305	369.11			19	OH (3) -	350.11 - 64.11
CW-4S	30	356.76	354.69		NA	20.0 - 30.0	334.69 - 324.69
CW-4D	120	356.98	354.57		NA	110.0 - 120.0	244.57 - 234.57
CW-4DIKE	75	356.98	354.73		40	65.0 - 75.0	289.73 - 279.73
CW-5S	30	357.32	355.17		NA	20.0 - 30.0	335.17 - 325.17
CW-5D	100	357.24	355.13		40	90.0 - 100.0	265.13 - 255.13
CW-6S	30	363.80	361.53		NA	20.0 - 30.0	341.53 - 331.53
CW-6D	120	363.52	361.21		NA	110.0 - 120.0	251.21 - 241.21

NOTES: (1) "ft-bgs" indicates feet below ground surface.
(2) "ft-amsl" indicates feet above mean sea level.
(3) OH-Open Hole, no screen. The screened interval is the open portion of the borehole beneath the surface casing.
(4) Top of ring elevation - all others are TOC.
(5) M-4-50R replaced M-4-50, M-4-150R replaced M-4-Dike, M-4-200R replaced M-4-200, M-8-200R replaced M-8-200, and M-9-300R replaced M-9-300.
(6) Abandoned; replaced by M-4-150

Table 2. Groundwater Remediation Progress Monitoring Plan

	MAY			NOVEMBER		
Sample ID	**Field Geochemistry**	**1,4-Dioxane**	**VOCs**	**Field Geochemistry**	**1,4-Dioxane**	**VOCs**
Analytical Method =	Field Meters	8260C-SIM	8260B	Field Meters	8260C-SIM	8260B
Sample Bottle =	Flow cell	40 mL VOA	40 mL VOA	Flow cell	40 mL VOA	40 mL VOA
Preservative =	NA	HCl	HCl	NA	HCl	HCl
Sample Hold Time =	NA	14 days	14 days	NA	14 days	14 days
Weck Site						
CW-3S	X		X	X		X
CW-3D	X		X			
MW-2	X	X	X	X	X	X
MW-6	periodically		periodically	periodically		periodically
MW-8	periodically		periodically	periodically		periodically
MW-10	X	X	X	X	X	X
MW-11	X	X	X	X	X	X
MW-14	X		X	X		X
MW-15	X	X	X	X	X	X
MW-16S	X	X	X	X	X	X
MW016D	Removed from plan after May 2016					
MW-17	X	X	X	X	X	X
MW-18	Removed from plan after May 2016					
MW-20	X	X	X	X	X	X
IBM M-Area						
M-4-50R	X		X	X		X
M-4-200R	X		X	X		X
M-4-150	X	X	X	X	X	X
CW-4Dike	X	X	X	X	X	X
QA						
Duplicate QA		X	X		X	X
Equipment Blank			as necessary			as necessary
Trip Blank QA		X	X		X	X

1. Report schedule: submit 90 days after sampling.
2. Required field geochemistry: pH, temperature, conductivity, and turbidity.
3. M-4-50R, M-4-200R, and M-4-150 are wells installed by IBM, located on IBM property.
   BMS provides sample bottles and IBM personnel collect split samples for BMS.
4. Review sampling plan and adjust as necessary to evaluate plume.

Table 3. Groundwater Elevation Data - May 2016

Monitoring Well ID	Date	TOC Elevation (msl)	Depth To Water (ft bTOC)	Groundwater Elevation (msl)
Weck Site Wells				
W-MW-01	5/3/16	372.74	-0.10	372.84
W-MW-02	5/2/16	382.88	13.10	369.78
W-MW-03	5/3/16	394.19	16.66	377.53
W-MW-05		384.44	NM	NM
W-MW-06	5/2/16	382.98	13.03	369.95
W-MW-07	5/3/16	378.49	22.53	355.96
W-MW-08	5/3/16	382.33	18.22	364.11
W-MW-09	5/3/16	368.48	5.64	362.84
W-MW-10	5/2/16	383.55	13.02	370.53
W-MW-11	5/3/16	379.19	15.27	363.92
W-MW-12		381.33	NM	NM
W-MW-13		381.63	Abandoned	Abandoned
W-MW-14	5/3/16	381.20	8.39	372.81
W-MW-15	5/3/16	383.67	16.86	366.81
W-MW-16S	5/3/16	375.00	16.37	358.63
W-MW-16D	5/3/16	375.06	10.27	364.79
W-MW-17	5/2/16	383.27	30.61	352.66
W-MW-18	5/2/16	383.77	15.43	368.34
W-MW-19	5/3/16	382.98	15.57	367.41
MW-20	5/3/16	382.75	10.08	372.67
MW-21		381.15	NM	NM
MW-22		379.90	NM	NM
W-AW-01		396.60	NM	NM
E-MW-01	5/3/16	383.47	9.25	374.22
E-MW-02		375.18	NM	NM
E-MW-03	5/3/16	381.76	11.18	370.58
W-PW-01		382.50	NM	NM
W-PW-02		383.57	NM	NM
CW-1		384.60	Abandoned	Abandoned
CW-1D		384.34	Abandoned	Abandoned
CW-2		361.01	Abandoned	Abandoned
CW-3S	5/3/16	368.74	14.80	353.94
CW-3D	5/3/16	368.10	14.81	353.29
OW-1		378.73	NM	NM
OW-2		378.36	NM	NM
OW-3		378.48	NM	NM

NM = Not measured.

Table 3. Groundwater Elevation Data - May 2016

Monitoring Well ID	Date	TOC Elevation (msl)	Depth To Water (ft bTOC)	Groundwater Elevation (msl)
IBM M-Area Wells				
M-10-50	5/2/16	368.32	16.87	351.45
M-10-300	5/2/16	369.11	17.42	351.69
M-3-300	5/2/16	361.78	42.08	319.70
M-3-50	5/2/16	363.27	11.00	352.27
AD-500	5/2/16	360.23	6.68	353.55
AD-50	5/2/16	360.46	9.39	351.07
M-4-150-R	5/2/16	374.63	21.80	352.83
M-4-50-R	5/2/16	374.06	20.23	353.83
M-4-200-R	5/2/16	374.68	23.02	351.66
M-9-300-R	5/2/16	376.95	18.20	358.75
M-5-50	5/2/16	370.01	11.64	358.37
M-5-300	5/2/16	369.86	9.00	360.86
M-7-300	5/2/16	370.16	12.57	357.59
M-8-200-R	5/2/16	375.96	77.97	297.99
M-2-300	5/2/16	373.98	17.63	356.35
M-2-300-R	5/2/16	376.55	17.42	359.13
M-2-100	5/2/16	375.41	17.50	357.91
M-6-300	5/2/16	357.86	6.98	350.88
M-6-55	5/2/16	357.10	5.08	352.02
M-6-50	5/2/16	357.31	5.31	352.00
M-1-55	5/2/16	355.42	3.40	352.02
M-1-150	5/2/16	355.42	4.64	350.78
M-1-155-R	5/2/16	355.72	4.43	351.29
M-1-300-R	5/2/16	354.29	47.15	307.14
M-1-300	5/2/16	355.42	NM	NM
CW-4S	5/3/16	356.76	4.26	352.50
CW-4D	5/3/16	356.98	4.56	352.42
CW-4DIKE	5/3/16	356.98	5.30	351.68
CW-5S	5/3/16	357.32	4.71	352.61
CW-5D	5/3/16	357.24	5.45	351.79
CW-6S	5/3/16	363.80	7.61	356.19
CW-6D	5/3/16	363.52	7.76	355.76

NM = Not measured.

Table 4a. Historical Groundwater Elevation Data
Weck Site - Upper Water Bearing Zone

Well ID	CW-1S	CW-2S	CW-3S	E-MW-01	E-MW-02	E-MW-03	W-MW-01	W-MW-02	W-MW-03	W-MW-05	W-MW-06	W-MW-07	W-MW-08
Diameter (in)	2	2	2	2	2	2	2	2	2	2	2	2	2
Well Depth (ft bgs)	50	50	50	57	20	29	25	45	45	55	55	60	50
Screen Interval (ft bgs)	40 - 50	40 - 50	40 - 50	37 - 57	6 - 16	18 - 29	15 -25	15 - 45	35 - 45	40 - 55	20 - 55	40 - 60	25 - 50
Stickup (ft)	2.38	2.25	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS Elevation (msl)	382.22	358.76	365.83	383.47	375.18	381.76	372.74	382.88	394.19	384.44	382.98	378.49	382.33
TOC (msl) =	384.60	361.01	368.74	383.47	375.18	381.76	372.74	382.88	394.19	384.44	382.98	378.49	382.33
9/10/1993							369.00	367.62	372.24	installed 10/93	installed 10/93	installed 10/93	installed 10/93
10/14/1993							368.12	366.73	371.30	360.50	366.90	348.62	362.69
1/24/1994				installed 2/94	installed 2/94	installed 2/94	369.40	365.28	370.94	361.88	365.41	350.78	360.83
2/23/1994				369.30	365.78	366.98	370.45	365.62	371.47	362.11	365.80	352.88	361.48
11/14/1994				366.45	364.45	365.88	368.33	364.25	369.04	359.73	364.44	351.40	360.73
7/31/1995				361.09	366.20	366.96	370.12	365.85	371.03	362.02	366.05	351.21	361.67
10/15/1996	installed 3/97	installed 3/97	installed 3/97	371.20	366.70	368.40	371.55	367.08	373.52	361.93	367.29	352.90	362.12
3/20/1997	376.54	351.92	352.87	360.59	366.72	369.35	372.80	367.81	374.63	363.51	367.72	353.83	368.52
4/7/1997	374.69	351.74	353.62	NM	NM	NM	372.80	NM	NM	NM	NM	NM	NM
4/15/1997	375.31	351.54	353.62	361.15	NM	NM	NM	NM	NM	NM	NM	NM	NM
11/22/1997	371.37	349.81	352.49	359.12	365.22	361.05	371.83	365.11	373.48	360.18	365.51	351.26	365.82
2/10/1998	373.93	351.32	353.81	361.13	366.32	369.07	371.66	366.80	NM	361.79	365.22	350.77	367.07
5/10/1998	374.54	350.95	353.57	360.38	366.21	368.77	371.68	367.21	374.16	362.34	367.02	350.30	367.99
8/28/1998	372.57	349.61	352.79	NM	NM	NM	369.74	366.00	NM	360.96	NM	350.19	NM
11/18/1998	370.55	349.28	352.70	367.97	364.21	NM	368.42	364.19	NM	359.46	NM	350.74	364.33
8/26/1999	370.39	349.23	352.26	367.66	364.76	367.72	368.55	364.23	371.35	344.54	364.42	350.41	361.06
2/19/2000	372.48	350.90	353.53	366.44	366.93	NM	372.16	366.10	NM	NM	367.05	351.87	361.38
8/17/2000	371.65	349.80	352.67	371.02	364.54	NM	369.73	365.14	NM	NM	365.37	351.48	361.65
11/4/2000	370.18	349.17	352.54	367.71	364.52	NM	368.50	364.21	NM	359.36	364.56	350.89	359.99
3/22/2001	NM	NM	NM	NM	365.71	368.87	NM	NM	NM	NM	NM	NM	NM
5/21/2001	372.15	350.54	352.56	366.31	365.81	366.05	372.12	364.43	NM	NM	364.59	351.22	360.52
11/5/2001	370.03	349.04	352.40	370.07	364.50	364.92	368.67	363.66	NM	359.30	363.99	350.86	360.76
5/17/2002	370.48	349.50	352.71	366.14	365.36	365.89	371.91	364.13	371.36	359.87	364.27	351.08	360.35
11/18/2002	abandoned	abandoned	352.79	368.93	365.23	365.75	369.08	363.92	371.23	359.62	364.11	350.43	354.99
5/19/2003			354.63	370.76	367.09	367.61	370.91	365.77	373.03	361.42	365.96	352.30	356.86
11/9/2003			354.16	370.29	366.64	367.12	370.44	365.29	372.58	360.93	365.50	351.85	356.38
5/16/2004			354.54	370.70	367.03	367.52	370.82	365.67	372.97	361.31	365.89	352.25	356.77
11/15/2004			354.52	370.68	367.00	367.50	370.78	365.65	372.96	361.28	365.87	352.21	356.75
5/16/2005			354.17	370.52	366.86	367.30	370.71	365.19	372.63	361.06	365.71	352.07	356.57
11/14/2005			352.57	371.04	367.33	367.81	371.18	366.36	373.12	360.88	366.17	352.58	357.06
5/14/2006			352.67	371.16	367.48	368.84	371.25	367.50	373.21	361.81	366.31	352.75	357.24
11/12/2006			352.65	371.20	367.53	368.88	371.29	367.55	373.24	343.73	368.40	352.78	357.30
5/21/2007			353.73	371.88	368.19	369.57	371.96	368.41	373.93	361.19	369.09	353.45	358.00
11/5/2007			351.20	369.36	365.65	367.03	369.44	365.40	371.43	358.53	366.57	350.93	355.48

NM = Not measured.

Table 4a. Historical Groundwater Elevation Data
Weck Site - Upper Water Bearing Zone

Well ID	CW-1S	CW-2S	CW-3S	E-MW-01	E-MW-02	E-MW-03	W-MW-01	W-MW-02	W-MW-03	W-MW-05	W-MW-06	W-MW-07	W-MW-08
Diameter (in)	2	2	2	2	2	2	2	2	2	2	2	2	2
Well Depth (ft bgs)	50	50	50	57	20	29	25	45	45	55	55	60	50
Screen Interval (ft bgs)	40 - 50	40 - 50	40 - 50	37 - 57	6 - 16	18 - 29	15 -25	15 - 45	35 - 45	40 - 55	20 - 55	40 - 60	25 - 50
Stickup (ft)	2.38	2.25	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS Elevation (msl)	382.22	358.76	365.83	383.47	375.18	381.76	372.74	382.88	394.19	384.44	382.98	378.49	382.33
TOC (msl) =	384.60	361.01	368.74	383.47	375.18	381.76	372.74	382.88	394.19	384.44	382.98	378.49	382.33
5/12/2008			352.75	370.92	367.21	368.59	370.98	366.55	373.00	360.11	368.13	352.48	357.03
11/3/2008			352.77	370.50	366.72	368.34	370.86	365.24	372.46	359.56	367.95	351.85	356.46
5/18/2009			353.35	371.08	367.27	368.92	371.38	367.60	373.08	360.55	368.59	352.43	357.06
11/2/2009			352.19	366.79	365.33	367.00	370.87	365.36	372.11	358.80	365.60	350.68	362.40
5/3/2010			353.56	368.07	366.61	368.28	371.36	367.65	370.83	360.39	366.88	351.97	363.67
11/1/2010			351.43	365.99	364.53	366.20	369.37	365.56	368.76	358.33	364.77	349.91	361.56
5/2/2011			352.59	367.17	365.69	367.37	370.53	366.72	369.95	359.50	365.95	351.08	362.74
11/1/2011			352.38	366.61	365.15	366.82	370.69	365.72	371.93	358.66	365.42	350.50	362.22
5/7/2012			353.53	371.80	367.28	368.46	372.50	367.33	374.45	NM	367.48	354.74	362.63
11/5/2012			352.75	370.60	365.60	366.44	369.58	365.59	372.39	NM	365.68	352.98	361.36
5/13/2013			353.52	NM	NM	368.30	372.67	367.23	375.00	NM	NM	353.93	362.57
11/4/2013			352.92	371.55	NM	367.32	370.23	366.42	373.18	NM	366.63	354.27	361.81
5/5/2014			354.09	374.25	NM	369.69	372.74	368.66	376.39	NM	368.76	355.63	363.33
11/3/2014			352.88	373.28	NM	368.01	370.95	367.15	374.42	NM	NM	354.87	NM
5/4/2015			354.03	377.55	NM	370.56	NM	369.42	377.13	NM	NM	355.59	NM
11/3/2015			351.94	371.57	NM	368.31	371.25	367.53	374.71	NM	367.65	354.13	362.70
5/2/2016			353.94	374.22	NM	370.58	372.84	369.78	377.53	NM	369.95	355.96	364.11
Average El (msl)	372.46	350.29	353.08	368.69	366.09	367.66	370.71	366.20	372.80	359.63	366.30	352.11	360.77
Average DTW (ft-TOC)	12.14	10.72	15.66	14.78	9.09	14.10	2.03	16.68	21.39	24.81	16.68	26.38	21.56
Maximum El (msl)	376.54	351.92	354.63	377.55	368.19	370.58	372.84	369.78	377.53	363.51	369.95	355.96	368.52
Minimum El (msl)	370.03	349.04	351.20	359.12	364.21	361.05	368.12	363.66	368.76	343.73	363.99	348.62	354.99

NM = Not measured.

Table 4a. Historical Groundwater Elevation Data
Weck Site - Upper Water Bearing Zone

Well ID	W-MW-09	W-MW-10	W-MW-11	W-MW-12	W-MW-13	W-MW-14	W-MW-15	W-MW-16S	W-MW-19	MW-20	MW-21	MW-22	OW-1
Diameter (in)	2	2	2	2	2	2	2	2	2	2	2	2	2
Well Depth (ft bgs)	50	50	40	50	25	30	50	50	58	25	30	30	40
Screen Interval (ft bgs)	25 -50	15 - 50	15 - 40	30 - 50	17 - 25	15 - 30	20 -50	15 - 50	38 - 58	15 - 25	19 - 29	20 -30	25-40 OH
Stickup (ft)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS Elevation (msl)	368.48	383.55	379.19	381.33	381.63	381.2	383.67	375.00	382.98	382.75	381.15	379.90	378.73
TOC (msl) =	368.48	383.55	379.19	381.33	381.63	381.20	383.67	375.00	382.98	382.75	381.15	379.90	378.73
9/10/1993	installed 10/93	installed 10/93	installed 10/93	installed 10/93	installed 10/93	installed 10/93							
10/14/1993	359.98	367.27	362.65	371.87	367.16	367.63	installed 12/93	installed 1/94					
1/24/1994	361.18	365.80	361.80	371.93	368.63	368.75	360.42	360.30					
2/23/1994	362.13	366.65	361.25	371.90	369.87	369.80	361.53	358.72					
11/14/1994	360.91	367.81	360.47	371.43	abandoned	367.83	361.43	359.46					
7/31/1995	362.06	366.54	361.43	372.57		369.64	362.75	358.45	installed 1/95				
10/15/1996	362.76	368.03	361.88	374.45		371.05	363.63	358.43	361.89				
3/20/1997	362.87	369.09	362.60	375.26		372.26	362.23	358.70	363.83				
4/7/1997	NM	NM	NM	NM		NM	NM	NM	NM				
4/15/1997	NM	NM	NM	NM		NM	NM	358.18	NM				
11/22/1997	361.34	365.81	357.44	374.12		371.16	358.93	357.98	360.15				
2/10/1998	361.75	367.79	358.38	371.36		371.32	361.91	358.27	361.39				
5/10/1998	362.20	368.16	357.67	375.10		372.27	361.83	358.15	361.90				
8/28/1998	361.50	366.69	361.71	373.66		369.58	NM	358.05	NM				
11/18/1998	360.40	364.85	360.58	371.77		368.36	361.10	357.60	360.64				
8/26/1999	360.80	364.97	357.38	371.85		368.45	361.61	357.99	360.63				
2/19/2000	361.90	367.02	361.98	372.32		371.90	362.10	357.97	362.19				
8/17/2000	361.65	365.98	361.51	373.28		369.17	361.85	358.22	361.66				
11/4/2000	361.33	364.93	360.76	371.04		367.95	361.34	358.08	360.99				
3/22/2001	362.74	NM	361.12	NM		NM	NM	358.29	363.50				
5/21/2001	361.65	365.28	361.13	371.29		369.42	362.04	358.09	361.52	installed 8/01	installed 8/01	installed 8/01	installed 7/01
11/5/2001	361.51	364.46	NM	371.83		367.89	361.80	358.31	316.00	367.57	367.14	366.59	358.54
5/17/2002	361.45	364.96	361.00	371.12		369.03	361.86	358.41	361.36	368.63	369.32	366.41	NM
11/18/2002	361.30	364.91	361.11	370.80		368.67	361.69	358.73	361.10	367.46	369.06	366.28	NM
5/19/2003	363.15	366.73	362.91	372.30		370.52	363.55	360.26	362.95	369.31	370.90	368.12	NM
11/9/2003	362.69	366.25	362.45	371.87		370.04	363.10	359.80	362.48	368.85	370.42	367.65	NM
5/16/2004	363.10	366.63	362.83	372.27		370.46	363.48	360.18	362.89	369.27	370.84	368.06	NM
11/15/2004	363.12	366.61	362.82	372.24		370.45	363.46	360.13	362.86	369.23	370.82	368.04	360.51
5/16/2005	362.77	366.40	362.71	372.11		370.37	363.24	359.98	362.74	368.98	370.59	367.87	360.48
11/14/2005	363.24	367.07	361.91	372.57		370.85	363.71	358.45	363.18	369.45	371.07	368.35	359.16
5/14/2006	363.41	368.26	362.77	372.64		371.04	363.89	358.62	363.30	369.53	371.16	368.42	359.63
11/12/2006	363.46	368.48	362.86	372.70		371.17	363.94	358.92	363.36	369.76	371.21	368.47	359.63
5/21/2007	364.11	369.13	363.25	373.35		371.92	364.62	358.59	364.04	370.42	371.78	369.13	359.84
11/5/2007	361.58	366.02	361.42	370.83		368.49	362.11	358.49	361.50	367.89	369.35	366.59	358.77

NM = Not measured.

Table 4a. Historical Groundwater Elevation Data
Weck Site - Upper Water Bearing Zone

Well ID	W-MW-09	W-MW-10	W-MW-11	W-MW-12	W-MW-13	W-MW-14	W-MW-15	W-MW-16S	W-MW-19	MW-20	MW-21	MW-22	OW-1
Diameter (in)	2	2	2	2	2	2	2	2	2	2	2	2	2
Well Depth (ft bgs)	50	50	40	50	25	30	50	50	58	25	30	30	40
Screen Interval (ft bgs)	25 -50	15 - 50	15 - 40	30 - 50	17 - 25	15 - 30	20 -50	15 - 50	38 - 58	15 - 25	19 - 29	20 -30	25-40 OH
Stickup (ft)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS Elevation (msl)	368.48	383.55	379.19	381.33	381.63	381.2	383.67	375.00	382.98	382.75	381.15	379.90	378.73
TOC (msl) =	368.48	383.55	379.19	381.33	381.63	381.20	383.67	375.00	382.98	382.75	381.15	379.90	378.73
5/12/2008	363.15	367.38	362.40	372.38		371.14	363.69	360.05	363.07	369.44	370.90	368.14	NM
11/3/2008	362.62	366.95	362.04	372.01		369.54	363.24	358.58	362.62	368.96	370.39	367.66	NM
5/18/2009	363.11	368.24	362.67	372.62		371.57	363.81	358.48	363.19	369.57	370.82	368.28	359.36
11/2/2009	361.99	366.02	361.47	371.40		368.60	364.24	358.68	363.10	366.60	367.84	365.41	358.77
5/3/2010	363.20	368.41	362.67	372.67		371.52	365.52	358.28	364.34	367.88	369.12	366.69	359.52
11/1/2010	361.13	366.36	360.57	370.58		369.44	363.46	356.19	362.24	365.79	367.03	364.61	357.45
5/2/2011	362.29	367.52	361.75	371.75		370.60	364.64	357.35	363.41	366.97	368.19	365.77	358.61
11/1/2011	361.53	366.32	361.53	371.22		368.87	364.06	358.58	362.92	368.66	367.66	365.23	358.66
5/7/2012	362.18	368.10	362.56	NM		371.49	365.08	358.44	364.94	NM	372.10	NM	NM
11/5/2012	361.33	366.19	361.30	NM		368.86	362.64	358.18	363.92	368.58	369.33	NM	NM
5/13/2013	362.02	368.01	362.43	NM		371.80	363.11	358.18	364.94	371.52	NM	NM	NM
11/4/2013	361.62	367.07	361.66	NM		369.43	364.93	358.03	365.08	369.65	NM	NM	NM
5/5/2014	359.80	369.48	363.20	NM		372.68	362.84	357.96	365.78	372.58	NM	NM	NM
11/3/2014	361.95	367.81	362.15	NM		370.16	362.51	358.20	365.47	370.17	NM	NM	NM
5/4/2015	362.94	370.26	363.67	NM		372.99	362.98	358.19	367.18	372.87	NM	NM	NM
11/3/2015	361.60	368.14	362.36	NM		370.32	365.26	359.15	365.92	370.08	NM	NM	NM
5/2/2016	362.84	370.53	363.92	NM		372.81	366.81	358.63	367.41	372.67	NM	NM	NM
Average El (msl)	362.07	367.05	361.66	372.28	368.55	370.20	362.98	358.56	361.99	369.25	369.87	367.23	359.21
Average DTW (ft-TOC)	6.41	16.50	17.53	9.05	13.08	11.00	20.69	16.44	20.99	13.50	11.28	12.67	19.52
Maximum El (msl)	364.11	370.53	363.92	375.26	369.87	372.99	366.81	360.30	367.41	372.87	372.10	369.13	360.51
Minimum El (msl)	359.80	364.46	357.38	370.58	367.16	367.63	358.93	356.19	316.00	365.79	367.03	364.61	357.45

NM = Not measured.

Table 4a. Historical Groundwater Elevation Data
Weck Site - Upper Water Bearing Zone

Well ID	OW-2	OW-3	W-PW-01	W-PW-02
Diameter (in)	2	2	2	2
Well Depth (ft bgs)	38	37	60	68
Screen Interval (ft bgs)	23-38 OH	22-37 OH	20 - 60	28 -68
Stickup (ft)	0.00	0.01	0.00	0.00
GS Elevation (msl)	378.36	378.47	382.50	383.57
TOC (msl) =	378.36	378.48	382.50	383.57
9/10/1993				
10/14/1993				
1/24/1994			installed 1/94	
2/23/1994			NM	
11/14/1994			NM	installed 1/95
7/31/1995			NM	NM
10/15/1996			366.51	361.89
3/20/1997			363.92	363.97
4/7/1997			NM	NM
4/15/1997			NM	NM
11/22/1997			NM	NM
2/10/1998			NM	NM
5/10/1998			NM	NM
8/28/1998			NM	NM
11/18/1998			NM	NM
8/26/1999			NM	NM
2/19/2000			NM	NM
8/17/2000			NM	NM
11/4/2000			NM	NM
3/22/2001			NM	NM
5/21/2001	installed 7/01	installed 7/01	NM	NM
11/5/2001	358.57	358.57	NM	NM
5/17/2002	NM	NM	NM	NM
11/18/2002	NM	NM	NM	NM
5/19/2003	NM	NM	NM	NM
11/9/2003	NM	NM	NM	NM
5/16/2004	NM	NM	NM	NM
11/15/2004	360.54	360.57	NM	NM
5/16/2005	360.59	360.51	NM	NM
11/14/2005	359.05	358.97	NM	NM
5/14/2006	359.57	359.47	NM	NM
11/12/2006	359.57	359.47	NM	NM
5/21/2007	359.79	359.71	NM	NM
11/5/2007	358.73	358.69	NM	NM

NM = Not measured.

Table 4a. Historical Groundwater Elevation Data
Weck Site - Upper Water Bearing Zone

Well ID	OW-2	OW-3	W-PW-01	W-PW-02
Diameter (in)	2	2	2	2
Well Depth (ft bgs)	38	37	60	68
Screen Interval (ft bgs)	23-38 OH	22-37 OH	20 - 60	28 -68
Stickup (ft)	0.00	0.01	0.00	0.00
GS Elevation (msl)	378.36	378.47	382.50	383.57
TOC (msl) =	378.36	378.48	382.50	383.57
5/12/2008	NM	NM	NM	NM
11/3/2008	NM	NM	NM	NM
5/18/2009	359.40	359.41	NM	NM
11/2/2009	358.76	358.75	NM	NM
5/3/2010	359.60	359.57	NM	NM
11/1/2010	357.50	357.51	NM	NM
5/2/2011	358.66	358.69	NM	NM
11/1/2011	358.62	358.60	NM	NM
5/7/2012	NM	NM	NM	NM
11/5/2012	NM	NM	NM	NM
5/13/2013	NM	NM	NM	NM
11/4/2013	NM	NM	NM	NM
5/5/2014	NM	NM	NM	NM
11/3/2014	NM	NM	NM	NM
5/4/2015	NM	NM	NM	367.37
11/3/2015	NM	NM	NM	NM
5/2/2016	NM	NM	NM	NM
Average El (msl)	359.21	359.18	365.22	364.41
Average DTW (ft-TOC)	19.15	19.30	17.28	19.16
Maximum El (msl)	360.59	360.57	366.51	367.37
Minimum El (msl)	357.50	357.51	363.92	361.89

NM = Not measured.

Table 4b. Historical Groundwater Elevation Data
Weck Site - Lower Water Bearing Zone

DATE	CW-1D	CW-3D	W-AW-01	W-MW-16D	W-MW-17D	W-MW-18
Diameter (in)	2	2		2	2	2
Well Depth (ft bgs)	120	120	105	145	120	110
Screen Interval (ft bgs)	110 - 120	110 - 120		125 - 145	100 - 120	90 - 110
Stickup (ft)	2.34	2.27		0	0	0
GS Elevation (msl)	382.00	365.83		375.06	383.27	383.77
TOC (msl) =	384.34	368.10	396.60	375.06	383.27	383.77
1/24/1994				installed 1/94	installed 1/94	installed 1/94
2/23/1994				361.82	351.51	362.10
11/14/1994				360.89	349.80	361.17
7/31/1995				361.65	350.57	362.44
10/15/1996	installed 3/97	installed 3/97	373.91	362.67	350.45	360.47
3/20/1997	327.44	352.39	378.25	363.28	351.88	364.38
4/7/1997	353.58	352.32	abandoned	363.35	351.84	364.33
11/22/1997	355.26	350.62		361.62	350.01	362.70
2/10/1998	356.29	352.36		362.95	352.00	364.05
5/10/1998	358.08	352.34		362.99	351.41	364.18
8/28/1998	356.76	351.10		361.79	349.79	362.69
11/18/1998	355.96	349.67		360.56	348.99	361.22
8/26/1999	355.79	349.79		360.69	349.00	361.81
2/19/2000	356.17	351.60		362.09	351.62	363.10
8/17/2000	356.42	350.46		361.64	349.85	362.60
11/4/2000	356.07	349.73		360.73	349.00	361.77
5/21/2001	356.10	350.28		361.32	349.61	362.50
11/5/2001	355.82	349.86		360.79	348.64	361.98
5/17/2002	355.61	350.42		361.21	349.71	362.60
11/18/2002	abandoned	349.58		361.52	347.88	356.66
5/19/2003		351.43		363.38	349.72	358.46
11/9/2003		350.99		362.94	349.24	358.01
5/16/2004		351.37		363.30	349.62	358.42
11/15/2004		351.33		363.28	349.61	358.39
5/16/2005		351.18		363.07	349.52	358.24
11/14/2005		350.82		361.87	349.93	363.66
5/15/2006		351.01		363.04	351.14	365.04
11/12/2006		351.05		363.08	351.07	365.04
5/21/2007		352.51		363.54	351.70	365.78
11/5/2007		350.86		361.74	349.64	363.75
5/12/2008		352.44		363.29	351.39	365.18
11/3/2008		352.46		362.79	350.73	364.81
5/18/2009		353.01		363.48	351.32	365.79
11/2/2009		351.38		361.98	350.38	364.16
5/3/2010		352.49		363.54	351.59	366.11
11/1/2010		350.41		361.44	349.51	364.00
5/2/2011		351.45		362.61	350.57	365.06
11/1/2011		351.20		361.80	349.99	363.98
5/7/2012		351.83		363.61	350.81	366.22
11/5/2012		350.56		362.37	349.34	364.92
5/13/2013		352.36		363.66	351.33	366.58
11/4/2013		351.28		362.73	350.21	365.46
5/5/2014		353.45		364.51	352.73	367.67
11/3/2014		351.86		363.06	350.72	365.98
5/4/2015		353.91		364.85	352.92	368.05
11/3/2015		352.18		363.30	351.19	366.50
5/2/2016		353.29		364.79	352.66	368.34
Average (msl)	353.95	351.44	376.08	362.54	350.48	363.40
Average DTW (ft-TOC)	30.39	16.66	20.52	12.52	32.79	20.37
Maximum (msl)	358.08	353.91	378.25	364.85	352.92	368.34
Minimum (msl)	327.44	349.58	373.91	360.56	347.88	356.66

NM = Not measured.

Table 4c. Historical Groundwater Elevation Data
IBM M-Area - Upper Water Bearing Zone

DATE	AD-50	CW-4DIKE	CW-4S	CW-5S	CW-6S	M-10-50	M-1-55	M-3-50	M-4-50	M-4-50R	M-5-50	M-6-50	M-6-55
Diameter (in)	2	2	2	2	2	2	2	2	2	2	2	2	2
Well Depth (ft bgs)	62	75	30	30	30	55	50	52	65	60	53.5	50	55
Screen Interval (ft bgs)	45 - 50	65 - 75	20 - 30	20 - 30	20 - 30	45 - 50	40 - 50	45 - 50	40 - 50	50 - 60	45.5 - 50.5	45 - 50	50 - 55
Stickup (ft)	0.00	2.25	2.07	2.15	2.27	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
GS Elevation (msl)	360.46	354.73	354.69	355.17	361.53	368.32	355.42	363.27	374.11	372.06	370.01	357.31	357.1
TOC (msl) =	360.46	356.98	356.76	357.32	363.80	368.32	355.42	363.27	374.11	374.06	370.01	357.31	357.10
07/19/93	349.78					348.32	349.43	349.10	349.25		355.31	349.70	349.72
10/05/93	348.93					347.16	348.54	347.93	347.94		354.33	348.79	348.85
04/04/94	351.58					348.89	350.72	350.48	350.91		362.09	351.15	350.77
01/05/95	350.06					347.29	349.49	348.89	348.78		355.41	349.85	349.83
07/11/95	351.35					349.94	351.00	350.40	350.31		356.91	351.19	351.14
10/02/95	349.81					347.08	348.86	348.23	348.32		355.01	349.25	349.19
01/16/96	351.21					NM	351.20	350.39	350.19		NM	NM	351.10
04/16/96	352.14	installed 2/97	installed 2/97	installed 2/97	installed 3/97	350.15	351.93	351.89	351.54		357.98	352.17	352.14
03/20/97	353.05	351.20	352.33	352.41	355.96	337.04	352.61	351.52	351.76		355.67	352.30	352.30
04/07/97	351.76	353.91	351.97	352.07	355.36	NM	NM	NM	351.09		355.61	NM	NM
11/20/97	350.01	348.47	348.91	349.00	351.36	NM	NM	NM	349.08		351.78	NM	NM
02/10/98	351.39	350.56	351.28	351.40	353.72	NM	NM	NM	365.04		355.97	351.77	351.90
05/10/98	351.27	350.23	350.87	351.00	354.05	NM	NM	NM	350.64		NM	351.73	351.87
08/28/98	349.54	348.05	348.01	348.10	351.44	NM	NM	NM	348.61		354.01	NM	NM
11/18/98	348.81	349.03	348.34	348.51	350.85	NM	NM	NM	348.07		352.92	NM	NM
08/26/99	349.08	348.60	347.53	347.61	350.14	NM	NM	NM	348.20		355.25	349.89	349.64
02/19/00	351.14	350.33	351.10	351.18	353.85	NM	349.81	NM	349.20		355.87	351.09	351.11
08/17/00	349.65	348.37	348.57	348.68	351.52	NM	349.05	NM	348.96		354.17	349.55	350.52
11/04/00	348.74	347.33	347.10	347.20	348.83	346.35	347.73	347.74	347.62		353.03	NM	NM
05/20/01	349.54	348.50	348.73	348.87	351.86	348.00	349.12	348.87	347.82		354.42	349.37	349.38
11/5/2001	349.10	347.53	347.57	347.71	350.76	346.81	348.14	347.83	346.88		353.32	348.43	348.38
05/17/02	349.54	347.96	348.18	348.29	351.42	348.00	349.12	348.87	347.82		354.42	349.37	349.38
11/18/02	348.84	347.51	348.85	349.00	351.23	NM	349.88	348.60	347.68		354.19	349.77	349.76
05/19/03	350.79	349.35	350.59	350.81	353.08	349.05	351.23	350.88	349.49		356.01	351.46	351.43
11/09/03	349.71	348.88	350.13	350.37	352.65	348.38	351.28	349.80	Abandoned	installed 2003	355.38	350.70	350.71
05/16/04	350.64	349.28	350.53	350.75	353.04	349.09	351.13	351.00		351.71	354.74	351.37	351.39
11/15/04	350.56	349.24	350.50	350.71	353.01	352.51	351.48	350.96		351.59	355.92	351.48	351.83
5/16/2005	351.12	348.71	349.38	350.06	353.42	350.90	352.36	351.88		352.41	356.82	352.52	352.51
11/14/2005	349.12	348.62	348.93	348.97	352.40	347.32	349.70	349.43		349.56	354.71	350.10	350.10
5/15/2006	350.47	348.72	349.00	349.03	352.45	349.00	350.89	350.65		351.27	355.43	351.26	351.29
11/12/2006	349.88	348.75	349.05	349.08	352.49	350.84	351.79	350.53		351.71	355.62	351.75	351.74
5/21/2007	350.81	350.31	350.90	350.99	354.32	349.90	351.02	351.28		350.27	356.43	351.17	351.18
11/5/2007	348.72	348.29	348.28	348.36	351.78	346.92	348.77	348.52		349.94	354.07	348.87	348.87
5/12/2008	350.70	350.20	350.21	350.30	353.69	349.70	350.85	350.89		351.22	356.30	350.87	350.88

NM = Not measured.

Table 4c. Historical Groundwater Elevation Data
IBM M-Area - Upper Water Bearing Zone

DATE	AD-50	CW-4DIKE	CW-4S	CW-5S	CW-6S	M-10-50	M-1-55	M-3-50	M-4-50	M-4-50R	M-5-50	M-6-50	M-6-55
Diameter (in)	2	2	2	2	2	2	2	2	2	2	2	2	2
Well Depth (ft bgs)	62	75	30	30	30	55	50	52	65	60	53.5	50	55
Screen Interval (ft bgs)	45 - 50	65 - 75	20 - 30	20 - 30	20 - 30	45 - 50	40 - 50	45 - 50	40 - 50	50 - 60	45.5 - 50.5	45 - 50	50 - 55
Stickup (ft)	0.00	2.25	2.07	2.15	2.27	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
GS Elevation (msl)	360.46	354.73	354.69	355.17	361.53	368.32	355.42	363.27	374.11	372.06	370.01	357.31	357.1
TOC (msl) =	360.46	356.98	356.76	357.32	363.80	368.32	355.42	363.27	374.11	374.06	370.01	357.31	357.10
11/3/2008	349.53	350.15	350.17	350.26	353.65	348.52	350.12	350.05		351.19	358.31	350.27	350.28
5/18/2009	350.60	350.42	350.50	350.43	353.89	349.39	350.58	351.01		352.24	356.49	350.76	350.77
11/2/2009	349.19	348.89	348.97	348.91	352.35	347.00	348.64	348.80		350.91	355.12	348.79	348.80
5/3/2010	350.19	350.45	350.53	350.47	353.92	349.32	350.61	350.99		352.48	356.83	350.66	350.73
11/1/2010	348.52	348.38	348.43	348.39	351.85	346.85	348.49	348.34		350.30	354.96	348.50	348.52
5/2/2011	349.50	349.54	349.14	349.58	353.03	348.66	349.71	349.61		351.44	356.23	349.77	349.78
11/1/2011	348.84	349.06	349.14	349.08	352.52	348.06	348.87	348.59		350.61	350.63	348.83	348.86
5/7/2012	349.61	349.06	350.36	349.06	349.98	349.22	350.19	350.15		352.00	356.51	350.20	350.20
11/3/2012	348.44	345.94	347.58	347.39	351.39	346.51	347.56	348.32		349.86	354.79	347.69	347.72
5/15/2013	349.85	350.28	350.89	351.01	354.28	349.80	350.55	350.54		352.38	356.85	350.44	350.45
11/4/2013	348.89	348.27	348.70	348.79	352.13	346.76	349.41	349.06		350.90	355.47	348.23	348.25
5/5/2014	351.80	351.74	352.55	352.64	356.14	351.65	351.96	352.38		353.93	358.23	351.85	351.87
11/3/2014	349.02	349.48	349.88	350.01	353.28	348.55	349.36	349.98		351.36	356.17	349.42	349.44
5/4/2015	351.42	351.92	352.84	352.93	356.32	352.37	352.57	352.66		353.96	358.54	352.42	352.45
11/3/2015	349.06	349.96	350.64	350.78	353.57	349.35	349.97	349.99		351.76	356.39	349.91	349.93
5/2/2016	351.07	351.68	352.50	352.61	356.19	351.45	352.02	352.27		353.83	358.37	352.00	352.02
Average (msl)	350.09	349.36	349.75	349.83	352.84	348.52	350.18	349.98	349.80	351.55	355.60	350.38	350.42
Average DTW (ft-TOC)	10.37	7.62	7.01	7.49	10.96	19.80	5.24	13.29	24.31	22.51	14.41	6.93	6.68
Maximum (msl)	353.05	353.91	352.84	352.93	356.32	352.51	352.61	352.66	365.04	353.96	362.09	352.52	352.51
Minimum (msl)	348.44	345.94	347.10	347.20	348.83	337.04	347.56	347.74	346.88	349.56	350.63	347.69	347.72

NM = Not measured.

Table 4d. Historical Groundwater Elevation Data
IBM M-Area - Lower Water Bearing Zone

DATE	AD-500	CW-4D	CW-5D	CW-6D	M-10-300	M-1-150	M-1-155R	M-1-300R	M-2-100	M-2-300	M-2-300R	M-3-300	M-4-200
Diameter (in)	6	2	2	2	6	2	2	2	2	2	2	6	2
Well Depth (ft bgs)	482	120	100	120	305	169	171	300	89	299		303	230
Screen Interval (ft bgs)	Open Hole	110 - 120	90 - 100	110 - 120	Open Hole	159 - 169		287 - 297	84 - 89	289 - 299		Open Hole	203.5 - 213.5
Stickup (ft)		2.41	2.11	2.31		0.00		0.00	0.00	0.00			0.00
GS Elevation (msl)		354.57	355.13	361.21		355.42		354.29	375.41	373.98			373.95
TOC (msl) =	360.23	356.98	357.24	363.52	369.11	355.42	355.72	354.29	375.41	373.98	376.55	361.78	373.95
7/19/1993	350.11				347.51	344.75	348.24	306.69	292.22	356.31	356.25	188.22	355.55
10/5/1993	349.29				346.51	347.17	347.64	306.12	294.96	355.77	355.69	191.33	354.46
4/4/1994	352.18				344.11	350.21	349.89	308.12	289.02	355.78	355.80	198.82	355.07
1/5/1995	350.57				341.13	349.62	348.30	311.73	338.63	354.40	354.36	210.35	353.58
7/11/1995	351.96				342.71	350.45	349.43	307.77	294.66	355.55	355.42	218.32	354.95
10/2/1995	350.13				337.77	350.23	347.94	307.07	287.24	354.70	354.58	221.39	353.48
1/16/1996					NM	NM	NM	NM	NM	355.42	NM	NM	NM
4/16/1996	352.74	installed 3/97	installed 2/97	installed 3/97	342.03	351.85	350.82	308.41	288.69	356.01	356.20	229.37	356.05
3/20/1997	352.57	267.70	331.99	278.22	352.00	352.45	355.72	309.26	288.60	356.32	376.55	243.36	356.16
4/7/1997	352.22	280.73	346.69	355.49	NM	NM	NM	NM	NM	NM	NM	NM	356.04
11/20/1997	350.53	345.17	349.54	354.05	NM	NM	NM	NM	288.57	356.26	355.71	NM	354.05
2/10/1998	352.11	351.16	350.29	356.12	NM	NM	NM	NM	NM	NM	NM	NM	355.71
5/10/1998	352.03	350.01	350.84	356.32	NM	NM	NM	308.64	288.09	356.14	NM	NM	350.48
8/28/1998		343.43	348.54	354.42	NM	NM	NM	NM	NM	NM	NM	NM	353.95
11/18/1998	349.06	335.72	348.17	353.96	NM	NM	NM	NM	NM	NM	NM	NM	352.81
8/26/1999	349.78	349.23	347.76	353.64	NM	NM	NM	306.77	286.74	354.24	NM	NM	353.43
2/19/2000	351.81	352.18	350.46	353.56	NM	NM	NM	NM	NM	NM	NM	NM	355.17
8/17/2000	351.70	345.91	348.62	354.81	NM	NM	NM	NM	NM	NM	NM	NM	354.13
11/4/2000	349.66	337.10	344.13	348.97	NM	349.59	347.22	305.87	NM	NM	NM	NM	353.23
5/20/2001	350.58	345.62	347.28	354.12	341.13	349.49	348.31	306.79	324.61	355.26	355.05	317.02	354.12
11/5/2001	349.87	347.29	347.86	354.34	340.56	349.55	347.45	306.05	328.43	354.93	355.53	316.39	353.56
5/17/2002	350.58	350.82	348.47	355.26	341.13	349.49	348.31	306.79	324.61	355.26	355.05	317.07	354.12
11/18/2002	349.36	348.59	348.60	354.61	342.34	349.06	348.16	307.66	335.43	346.88	354.22	316.39	353.73
5/19/2003	351.97	350.44	350.47	356.47	344.03	350.68	350.00	307.63	338.30	353.22	356.13	317.63	355.88
11/9/2003	351.04	349.97	350.02	355.98	342.43	350.58	348.98	307.15	340.92	353.26	356.02	317.64	Abandoned
5/16/2004	351.68	350.35	350.45	356.38	344.22	351.38	350.08	307.18	343.42	353.89	356.67	317.99	
11/15/2004	352.08	350.30	350.42	356.36	343.95	351.46	350.05	307.26	345.43	353.96	356.74	317.99	
5/16/2005	352.15	349.24	349.81	356.43	346.06	351.89	350.88	307.62	347.32	354.57	357.34	318.64	
11/14/2005	350.75	348.90	348.92	352.41	342.72	351.78	348.69	306.05	348.85	353.65	356.43	317.69	
5/15/2006	351.82	348.95	348.97	352.44	344.26	351.70	349.74	306.81	350.10	354.09	363.87	317.82	
11/12/2006	352.08	348.99	349.01	352.48	345.17	351.57	349.59	307.21	351.19	354.07	356.80	317.59	
5/21/2007	352.39	351.06	350.76	354.32	349.38	350.47	350.32	326.15	352.24	354.67	357.39	317.94	
11/5/2007	350.57	347.92	348.22	351.78	347.15	348.08	348.02	305.50	352.97	353.45	356.24	316.88	
5/12/2008	352.23	349.84	350.15	353.69	349.86	350.31	350.17	306.74	353.58	354.06	356.80	317.48	

NM = Not measured.

Table 4d. Historical Groundwater Elevation Data
IBM M-Area - Lower Water Bearing Zone

DATE	AD-500	CW-4D	CW-5D	CW-6D	M-10-300	M-1-150	M-1-155R	M-1-300R	M-2-100	M-2-300	M-2-300R	M-3-300	M-4-200
Diameter (in)	6	2	2	2	6	2	2	2	2	2	2	6	2
Well Depth (ft bgs)	482	120	100	120	305	169	171	300	89	299		303	230
Screen Interval (ft bgs)	Open Hole	110 - 120	90 - 100	110 - 120	Open Hole	159 - 169		287 - 297	84 - 89	289 - 299		Open Hole	203.5 - 213.5
Stickup (ft)		2.41	2.11	2.31		0.00		0.00	0.00	0.00			0.00
GS Elevation (msl)		354.57	355.13	361.21		355.42		354.29	375.41	373.98			373.95
TOC (msl) =	360.23	356.98	357.24	363.52	369.11	355.42	355.72	354.29	375.41	373.98	376.55	361.78	373.95
11/3/2008	351.71	349.79	350.13	353.64	348.86	349.85	349.46	306.29	354.13	354.04	356.80	317.63	
5/18/2009	352.10	350.04	350.32	353.89	349.88	351.13	350.30	306.80	354.76	354.62	357.37	318.32	
11/2/2009	351.26	348.50	348.79	352.35	347.45	348.81	348.61	305.70	355.18	353.67	356.43	317.25	
5/3/2010	352.27	350.07	350.35	353.91	349.88	351.00	350.28	305.78	355.59	354.85	357.62	318.30	
11/1/2010	350.91	347.97	348.28	351.82	347.53	349.25	348.29	306.15	355.89	353.76	356.50	317.32	
5/2/2011	351.75	349.14	349.47	352.91	317.33	348.78	349.41	305.53	356.15	354.18	356.98	317.33	
11/1/2011	351.11	348.67	348.96	352.52	348.06	348.37	348.38	305.99	356.31	353.58	356.31	317.13	
5/7/2012	351.75	349.90	349.98	353.97	349.63	349.62	349.59	305.72	356.55	354.45	357.22	317.88	
11/3/2012	350.70	348.01	348.39	352.15	347.03	348.91	348.17	304.84	356.68	354.13	356.89	317.50	
5/6/2013	352.45	347.80	350.40	354.19	349.99	349.57	349.91	306.22	356.80	354.64	357.42	318.46	
11/4/2013	351.29	349.13	349.04	352.85	347.25	348.04	348.75	305.17	356.90	354.59	357.34	318.41	
5/5/2014	353.54	352.67	351.93	355.76	351.75	350.92	351.23	307.29	357.17	355.69	358.44	319.15	
11/3/2014	351.85	349.29	349.70	353.54	348.84	349.96	349.41	305.41	357.31	355.03	357.75	319.03	
5/4/2015	353.63	352.89	352.06	355.99	352.33	351.40	351.66	307.42	357.56	356.02	358.75	319.61	
11/3/2015	352.33	348.87	349.84	353.70	349.26	350.35	349.43	305.94	357.71	355.22	358.00	318.76	
5/2/2016	353.55	352.42	351.79	355.76	351.69	350.78	351.29	307.14	357.91	356.35	359.13	319.70	
Average (msl)	351.45	345.04	348.95	352.28	345.51	350.01	349.45	307.30	335.18	354.58	357.24	296.28	354.34
Average DTW (ft-TOC)	8.78	11.94	8.29	11.24	23.60	5.41	6.27	46.99	40.23	19.40	19.31	65.50	19.61
Maximum (msl)	353.63	352.89	352.06	356.47	352.33	352.45	355.72	326.15	357.91	356.35	376.55	319.70	356.16
Minimum (msl)	349.06	267.70	331.99	278.22	317.33	344.75	347.22	304.84	286.74	346.88	354.22	188.22	350.48

NM = Not measured.

Table 4d. Historical Groundwater Elevation Data
IBM M-Area - Lower Water Bearing Zone

DATE	M-4-200R	M-4-DIKE	M-4-150R	M-5-300	M-6-300	M-7-300	M-8-200	M-8-200R	M-9-300	M-9-300R
Diameter (in)	2	6	2	2	2	6	6	2	6	2
Well Depth (ft bgs)	200	252	80	301	300	303	178	175	278	270
Screen Interval (ft bgs)	190 - 200	Open Hole	70 - 80	285 -295	285 - 295	Open Hole	Open Hole	165 -175	Open Hole	260 - 270
Stickup (ft)	2.00		2.00	0.00	0.00			2.00		2.00
GS Elevation (msl)	372.68		372.63	369.86	357.86			373.96		374.95
TOC (msl) =	374.68	374.47	374.63	369.86	357.86	370.16	376.16	375.96	375.14	376.95
7/19/1993		349.04		358.43	349.87	354.84	354.96		357.17	
10/5/1993		347.79		357.36	349.42	353.91	354.06		355.50	
4/4/1994		350.43		360.19	351.23	362.05	354.00		356.96	
1/5/1995		348.43		358.66	350.44	355.38	352.21		354.78	
7/11/1995		349.94		360.04	351.29	356.69	355.21		356.75	
10/2/1995		347.96		357.59	349.65	354.93	354.44		355.04	
1/16/1996		NM		NM	NM	356.58	NM		356.66	
4/16/1996		351.29		360.93	352.02	357.77	355.15		358.03	
3/20/1997		351.36		360.01	351.90	355.10	353.85		358.03	
4/7/1997		350.89		359.91	NM	355.11	355.08		358.25	
11/20/1997		348.72		346.90	NM	353.34	351.08		355.48	
2/10/1998		349.64		359.01	351.74	355.50	353.13		357.47	
5/10/1998		350.26		359.70	351.68	354.67	353.48		357.42	
8/28/1998		348.19		NM	NM	NM	NM		NM	
11/18/1998		347.72		357.52	NM	351.98	NM		NM	
8/26/1999		347.87		360.33	349.62	352.86	353.12		355.73	
2/19/2000		350.40		359.08	351.08	355.43	NM		NM	
8/17/2000		348.62		358.09	350.44	354.95	NM		NM	
11/4/2000		347.55		NM	NM	NM	356.14		356.38	
5/20/2001		348.71		358.51	348.98	353.71	352.90		356.77	
11/5/2001		347.79		357.74	348.26	350.31	354.91		356.66	
5/17/2002		348.71		358.51	348.98	353.71	352.90		356.77	
11/18/2002		346.76		357.73	350.15	352.38	355.79		357.03	
5/19/2003		350.38		359.47	351.15	355.37	354.14		358.39	
11/9/2003	installed 2003	Abandoned	installed 2003	358.28	350.26	354.79	Abandoned	installed 2003	Abandoned	installed 2003
5/16/2004	349.71		351.01	358.35	350.86	354.18		212.24		331.61
11/15/2004	350.48		350.74	358.07	351.12	355.29		295.72		355.09
5/16/2005	351.03		351.61	358.77	351.81	355.78		330.64		356.08
11/14/2005	349.13		349.97	358.29	349.80	353.81		295.82		353.31
5/15/2006	350.18		350.16	339.81	350.91	354.46		292.82		355.70
11/12/2006	350.34		352.28	339.37	351.01	354.72		291.92		356.16
5/21/2007	350.69		351.43	354.82	350.44	355.23		297.36		356.47
11/5/2007	348.82		349.19	356.22	348.50	353.00		290.76		355.21
5/12/2008	350.63		351.18	356.62	350.35	355.16		293.91		356.81

NM = Not measured.

Table 4d. Historical Groundwater Elevation Data
IBM M-Area - Lower Water Bearing Zone

DATE	M-4-200R	M-4-DIKE	M-4-150R	M-5-300	M-6-300	M-7-300	M-8-200	M-8-200R	M-9-300	M-9-300R
Diameter (in)	2	6	2	2	2	6	6	2	6	2
Well Depth (ft bgs)	200	252	80	301	300	303	178	175	278	270
Screen Interval (ft bgs)	190 - 200	Open Hole	70 - 80	285 -295	285 - 295	Open Hole	Open Hole	165 -175	Open Hole	260 - 270
Stickup (ft)	2.00		2.00	0.00	0.00			2.00		2.00
GS Elevation (msl)	372.68		372.63	369.86	357.86			373.96		374.95
TOC (msl) =	374.68	374.47	374.63	369.86	357.86	370.16	376.16	375.96	375.14	376.95
11/3/2008	349.83		350.45	354.33	349.53	354.68		290.93		356.75
5/18/2009	350.68		351.47	359.11	350.04	355.64		300.06		357.93
11/2/2009	349.43		349.09	358.34	348.09	354.22		288.56		356.64
5/3/2010	350.70		351.60	359.28	350.03	356.01		294.56		357.50
11/1/2010	349.03		349.53	358.51	347.97	354.42		294.26		356.27
5/2/2011	349.93		350.48	358.59	349.34	355.46		293.42		356.72
11/1/2011	349.20		349.87	358.34	347.69	354.37		296.23		355.88
5/7/2012	350.06		351.07	358.94	349.34	355.75		294.90		356.82
11/3/2012	348.64		349.20	358.72	346.86	353.82		294.55		355.75
5/6/2013	350.64		351.51	358.88	349.79	356.10		296.38		356.85
11/4/2013	349.30		350.06	359.33	347.21	354.69		295.50		356.41
5/5/2014	351.88		352.93	359.89	350.95	357.35		298.50		358.19
11/3/2014	349.88		350.53	359.91	348.06	355.36		297.22		357.09
5/4/2015	352.09		352.99	360.39	351.26	357.77		299.43		358.62
11/3/2015	350.25		350.98	360.08	348.36	355.69		298.06		357.19
5/2/2016	351.66		352.83	360.86	350.88	357.59		297.99		358.75
Average (msl)	350.17	349.06	350.89	357.61	349.96	355.04	354.03	293.27	356.76	355.59
Average DTW (ft-TOC)	24.51	25.41	23.74	12.25	7.90	15.12	22.13	82.69	18.38	21.35
Maximum (msl)	352.09	351.36	352.99	360.93	352.02	362.05	356.14	330.64	358.39	358.75
Minimum (msl)	348.64	346.76	349.09	339.37	346.86	350.31	351.08	212.24	354.78	331.61

NM = Not measured.

Table 5a. Current and Average Horizontal Gradient and Velocity
Main Plume

Well Pair ID	Distance Between Well Pairs (ft)	5/2/2016			Average		
		Elev (msl)	Grad (ft/ft)	Vel (ft/yr)	Elev (msl)	Grad. (ft/ft)	Vel (ft/yr)
MW-10		370.53			367.05		
MW-2	239	369.78	0.0031	10	366.20	0.0036	11
MW-2		369.78			366.20		
M-4-50/M-4-50R	310	353.83	0.0515	167	351.55	0.0473	153
MW-2		369.78			366.20		
M-4-Dike/M-4-150R	305	352.83	0.0556	180	350.89	0.0502	163
M-4-Dike/M-4-150R		352.83			350.89		
CW-4-Dike	583	351.68	0.0020	6	349.36	0.0026	8
Average:							
MW-10		370.53			367.05		
CW-4-Dike	1102	351.68	0.0171	55	349.36	0.0161	52

1. Horizontal groundwater migration velocity, $v = (K^* I)/\eta$, where K = the calculated average hydraulic conductivity, I = the groundwater gradient, and η = assumed effective porosity based on the primary lithologic units of SILT and CLAY.
2. Main plume average hydraulic conductivity 1.33 ft/day
3. Assumed effective porosity = 0.15

Table 5b. Current and Average Horizontal Gradients and Velocity
West Plume

Well Pair ID	Distance Between Well Pairs (ft)	5/2/2016			Average		
		Elev (msl)	Grad (ft/ft)	Vel (ft/yr)	Elev (msl)	Grad. (ft/ft)	Vel (ft/yr)
E-MW-3		370.58			367.66		
MW-11	183	363.92	0.0364	170	361.66	0.0328	153
MW-11		363.92			361.66		
MW-16S	202	358.63	0.0262	122	358.56	0.0154	72
MW-16S		358.63			358.56		
CW-3S	357	353.94	0.0131	61	353.08	0.0154	72
Average:							
E-MW-3		370.58			367.66		
CW-3S	742	353.94	0.0224	105	353.08	0.0197	92

1. Horizontal groundwater migration velocity, $v = (K^* I)/\eta$, where K = the calculated average hydraulic conductivity, I = the groundwater gradient, and η = assumed effective porosity based on the primary lithologic units of SILT and CLAY.
2. West plume average hydraulic conductivil 1.92 ft/day
3. Assumed effective porosity = 0.15

Table 6. Estimated Solute Migration Velocities

Parameter	Symbol or Equation	Units	Main Plume	West Plume
Hydrogeologic Parameters:				
Hydraulic Conductivity	K	ft/day	1.33	1.92
Effective Porosity (assumed)	η	unitless	0.15	0.15
Hydraulic Gradient (avg)	I	ft/ft	0.0161	0.0197
Bulk aquifer density (assumed)	r	g/cm^3	1.6	1.6
Aquifer organic fraction (assumed)	f_{oc}	unitless	0.0005	0.0005
Groundwater Velocity:				
Velocity (main plume)	$V = ((K^* I)/\eta)*360$	ft/yr	52.1	92.0
Contaminant Migration Velocity:				
Partition coefficient[1]	K_{oc}	L/Kg		
Retardation Factor[2]	$R = 1+[(r*K_{oc}*f_{oc})/n]$	unitless		
Solute Migration Velocity[3]	$V_s = V/R$ (ft/yr)	ft/yr		
Constituent	**K_{oc}**	**R**	**V_s**	**V_s**
1,1-DCE	32	1.17	44.5	78.6
1,1,1-TCA	44	1.23	42.2	74.5
1,4-Dioxane	2.6	1.01	51.4	90.8
Vinyl Chloride	22	1.12	46.6	82.4

[1] K_{OC} from: USEPA Region 3, Mid-Atlantic Risk Assessment, Regional Screening Levels for Chemical Contaminants at Superfund Sites, Risk-Based Concentration Tables, May 2016.

[2] The retardation factor is estimated by $R=1+[(r*K_{oc}*f_{oc})/h]$; where r is the assumed bulk aquifer density, 1.6 g/cm^3; K_{oc} is the organic carbon-water partition coefficient, (i.e., 31.82 for DCE); f_{oc} is the aquifer organic fraction (unitless), 0.0005, and η is the assumed effective porosity, 0.15 for siltstone and sandstone.

[3] The solute migration velocity is estimated by $v_s=v_x/R$; where v_s is the solute velocity, and v_x is the average groundwater velocity. Velocity calculation assumes no natural attenuation is occurring.

Table 7. May 2016
Groundwater Data Summary

Well ID	Date	Units	1,1,1-Trichloro ethane	1,1,2-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2,4-Trimethyl benzene	1,2-Dichloro ethane	1,4-Dioxane	Benzene	cis-1,2 Di-chloroethene
Analytical Method =			8260	8260	8260	8260	8260	8260	8260 SIM	8260	8260
NC2L Std. (1/01/2010) =		ug/L	200	0.6	6	350	400	0.4	3	1	70
NC2B (Class C) Std. (5/15/13) =		ug/L	2500	16	100	1,500		37	80	51	720
Weck Site (ug/L)											
CW-3s	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
CW-3D (deep w/ CW-3S)	5/3/16	ug/L	<2.0	<2.0	2.3 D	14 D	<2.0	<2.0	NS	<2.0	<2.0
MW-2	5/2/16	ug/L	140 D	<5.0	5.0 D	420 D	<5.0	4.0 JD	17	<5.0	<5.0
MW-100 (MW-2 duplicate)	5/2/16	ug/L	110 D	<0.70	4.6 JD	400 D	<5.0	<5.0	17	<5.0	<5.0
MW-6	5/2/16	ug/L	140 D	2.6 JD	5.2 D	450 D	<5.0	3.8 JD	NS	<5.0	<5.0
MW-10	5/2/16	ug/L	150 D	<0.70	5.6 D	410 D	<5.0	3.0 JD	18	<5.0	<5.0
MW-11	5/3/16	ug/L	<1.0	<1.0	13	28	<1.0	<1.0	12	<1.0	0.73 J
MW-14	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
MW-15	5/3/16	ug/L	<1.0	<1.0	<1.0	0.85 J	<1.0	<1.0	<2.0	<1.0	<1.0
MW-16S	5/3/16	ug/L	<1.0	<1.0	5.2	7.0	<1.0	<1.0	3.4	<1.0	<1.0
MW-16D (deep w/ MW-16S)	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
MW-17 (deep w/ MW-2)	5/2/16	ug/L	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<2.0	<1.0	<1.0
MW-18 (deep w/ MW-10)	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
MW-20	5/3/16	ug/L	<1.0	<1.0	5.2	3.1	NA[a]	<1.0	5.4	NA[a]	0.64 J
IBM M-Area (ug/L)											
M-4-50R (old M-4-50)	5/2/16	ug/L	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	NS	<1.0	<1.0
M-4-200R (old M-4-200)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
M-4-150 (old M-4-dike)	5/2/16	ug/L	9.4 D	<2.0	2.2 D	170 D	<2.0	1.6 JD	7.0	<2.0	<2.0
CW-4dike	5/3/16	ug/L	<1.0	<1.0	3.4	36	<1.0	<1.0	2.5	<1.0	<1.0
Trip Blank (BMS-collected samples)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
Trip Blank (IBM-collected samples)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0

a) NA = Not analyzed. The UST Section issued a Notice of No Further Action regarding the former USTs and thus analysis of petroleum constituents is no longer required at MW-20. MW-20 was added to the monitoring plan specifically to satisfy UST Section requirements.

1. NC2L = Groundwater std; NC2B = Surface water std.
2. Bold > detection limit; bold and shaded > NC2L or NC2B Std.
3. J = Detected below the quantitation limit.
4. D = Analyzed at dilution.
5. NS = Not sampled.

Table 7. May 2016
Groundwater Data Summary

Well ID	Date	Units	Dichlorodifluoro methane	Tetrachloro ethene	Toluene	Trichloro ethene	Vinyl chloride
Analytical Method =			8260	8260	8260	8260	8260
NC2L Std. (1/01/2010) =		ug/L	1,000	0.7	600	3	0.03
NC2B (Class C) Std. (5/15/13) =		ug/L		3.3	11	30	2.4
Weck Site (ug/L)							
CW-3s	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
CW-3D (deep w/ CW-3S)	5/3/16	ug/L	300 D	<2.0	<2.0	<2.0	1.4 JD
MW-2	5/2/16	ug/L	3.3 JD	<5.0	<5.0	<5.0	<5.0
MW-100 (MW-2 duplicate)	5/2/16	ug/L	3.8 JD	<5.0	<5.0	<5.0	<5.0
MW-6	5/2/16	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0
MW-10	5/2/16	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0
MW-11	5/3/16	ug/L	110	0.69 J	<1.0	0.74 J	7.0
MW-14	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
MW-15	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16S	5/3/16	ug/L	7.4	<1.0	<1.0	<1.0	47
MW-16D (deep w/ MW-16S)	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17 (deep w/ MW-2)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
MW-18 (deep w/ MW-10)	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20	5/3/16	ug/L	<1.0	<1.0	<1.0	<1.0	6.1
IBM M-Area (ug/L)							
M-4-50R (old M-4-50)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
M-4-200R (old M-4-200)	5/2/16	ug/L	1.9	<1.0	<1.0	<1.0	<1.0
M-4-150 (old M-4-dike)	5/2/16	ug/L	3.6 D	<2.0	<2.0	<2.0	<2.0
CW-4dike	5/3/16	ug/L	<1.0	<1.0	0.40 J	<1.0	<1.0
Trip Blank (BMS-collected samples)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Trip Blank (IBM-collected samples)	5/2/16	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0

1. NC2L = Groundwater std; NC2B = Surface water std.
2. Bold > detection limit; bold and shaded > NC2L or NC2B Std.
3. J = Detected below the quantitation limit.
4. D = Analyzed at dilution.
5. NS = Not sampled.

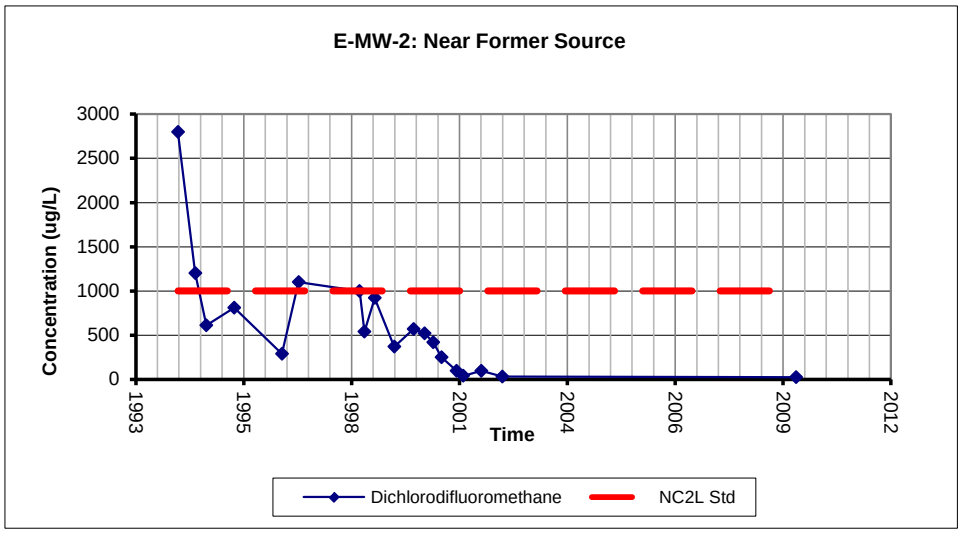
Table 8. Spatial Moment Analysis Summary

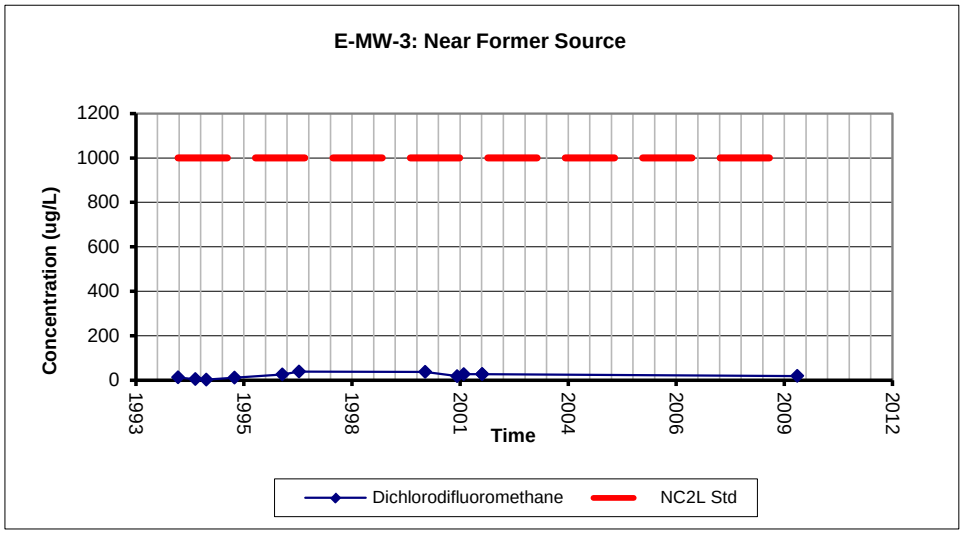
Moment Type	Constituent	Effective Date	Moment Trend	Confidence in Trend	Details
0th Moment	TCA	1993 - 2016	D	100%	Appendix F-1
0th Moment	DCE	1993 - 2016	D	98.7%	Appendix F-1
0th Moment	VC	2001 - 2016	PD	90.3%	Appendix F-2
0th Moment	1,4-Dioxane	2014 - 2016	NT	88.3%	Appendix F-3
First Moment	TCA	1993 - 2016	NT	85.5%	Appendix F-1
First Moment	DCE	1993 - 2016	I	100%	Appendix F-1
First Moment	VC	2001 - 2016	S	86.7%	Appendix F-2
First Moment	1,4-Dioxane	2014 - 2016	NT	75.8%	Appendix F-3
Second Moment X-Direction	TCA	1993 - 2016	D	96.5%	Appendix F-1
Second Moment X-Direction	DCE	1993 - 2016	D	99.7%	Appendix F-1
Second Moment X-Direction	VC	2001 - 2016	D	97.4%	Appendix F-2
Second Moment X-Direction	1,4-Dioxane	2014 - 2016	NT	88.3%	Appendix F-3
Second Moment Y-Direction	TCA	1993 - 2016	NT	80.5%	Appendix F-1
Second Moment Y-Direction	DCE	1993 - 2016	I	99.9%	Appendix F-1
Second Moment Y-Direction	VC	2001 - 2016	D	99.9%	Appendix F-2
Second Moment Y-Direction	1,4-Dioxane	2014 - 2016	NT	88.3%	Appendix F-3

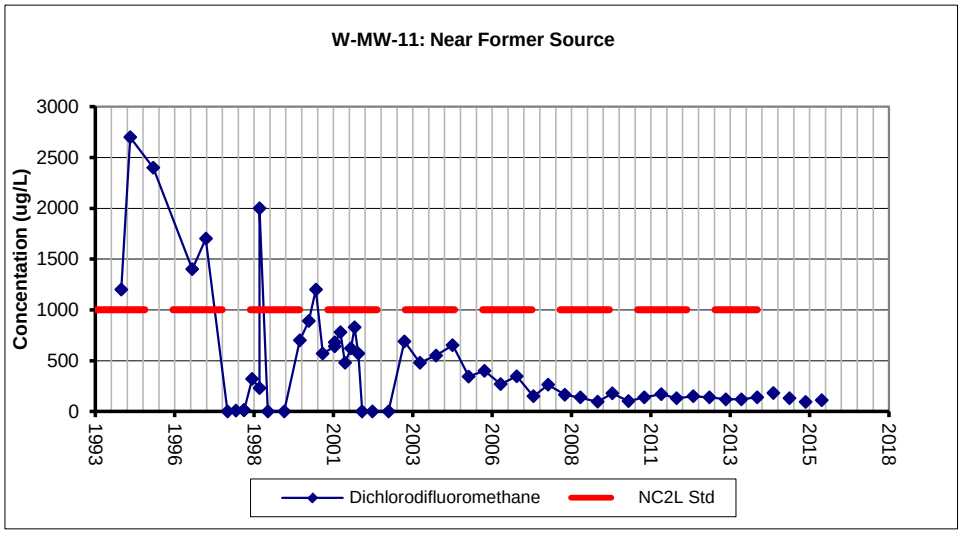
I = Increasing, PI = Probably Increasing, S = Stable, PD = Probably Decreasing, D = Decreasing,
NT = No Trend, NA = Not Applicable Due to Insufficient Data, ND = Non Detect.

GRAPHS

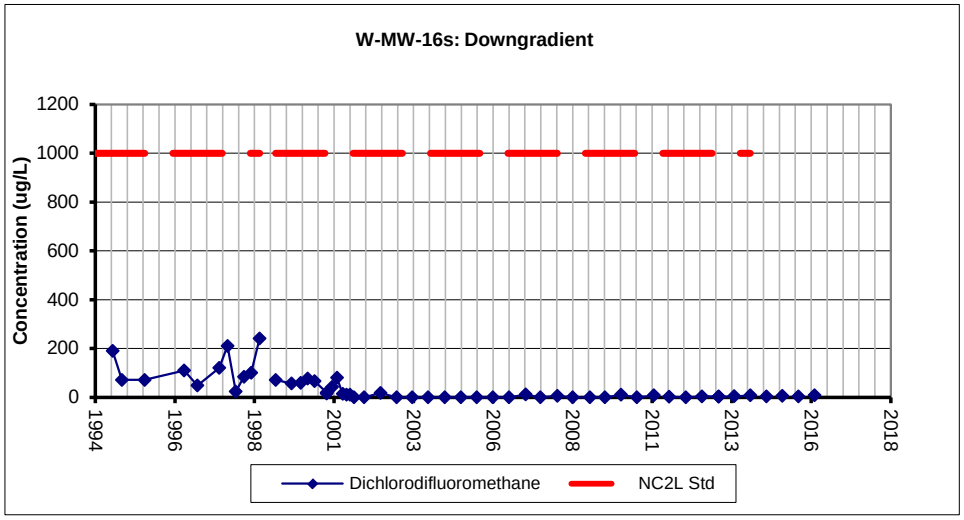
Graph 1. Dichlorodiflouromethane (R-12) Time-Concentration Trends Near Former Source Area

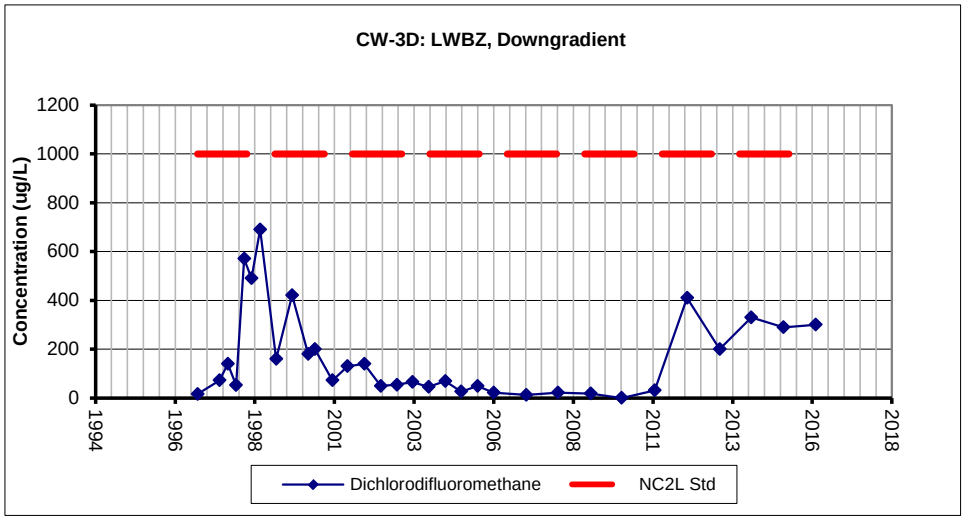




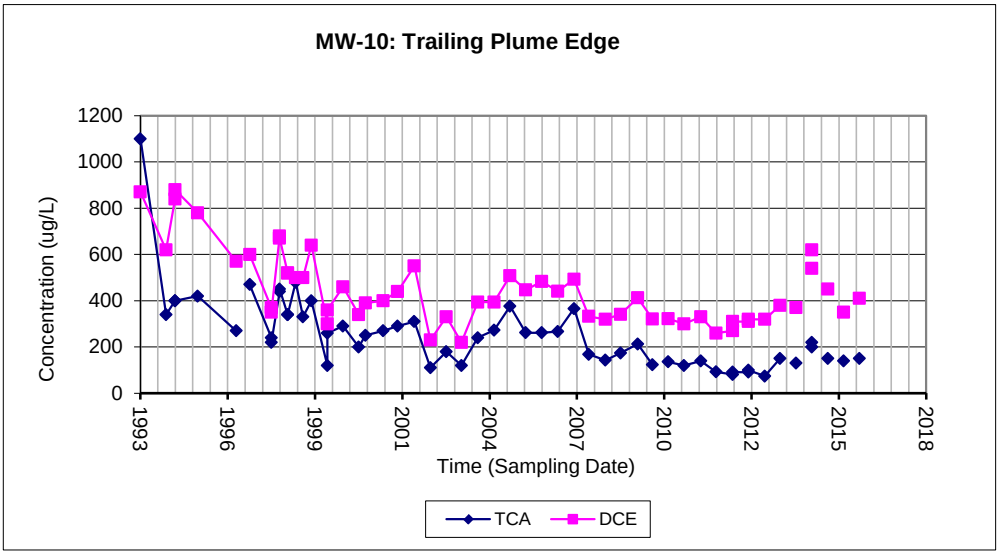


Graph 1. Dichlorodiflouromethane (R-12) Time-Concentration Trends Near Former Source Area





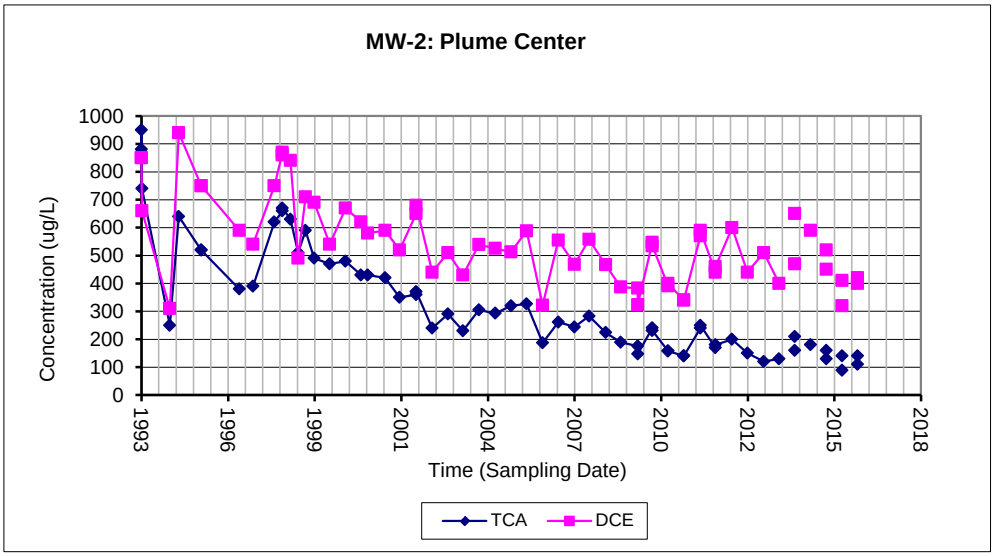
Graph 2. Main Plume Centerline TCA And DCE Time-Concentration Trends



Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	1,100	10/14/1993
Current Conc. (ug/L):	150	5/2/2016
% Conc. Reduction:	86	
NC2L (ug/L)	200	

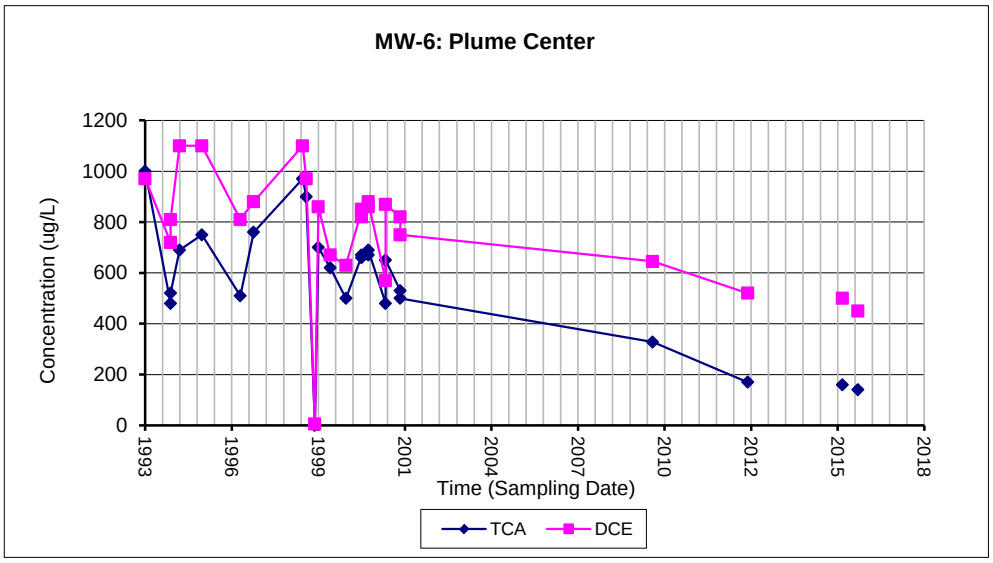
DCE		**Date**
Initial Conc. (ug/L):	870	10/14/1993
Current Conc. (ug/L):	410	5/2/2016
% Conc. Reduction:	53	
NC2L (ug/L)	350	
MCL (ug/L)	7	



Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	915	9/10/1993
Current Conc. (ug/L):	125	5/2/2016
% Conc. Reduction:	86	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	850	10/14/1993
Max. Conc. (ug/L):	940	11/14/1994
Current Conc. (ug/L):	410	5/2/2016
% Conc. Reduction:	56	
NC2L (ug/L)	350	
MCL (ug/L)	7	

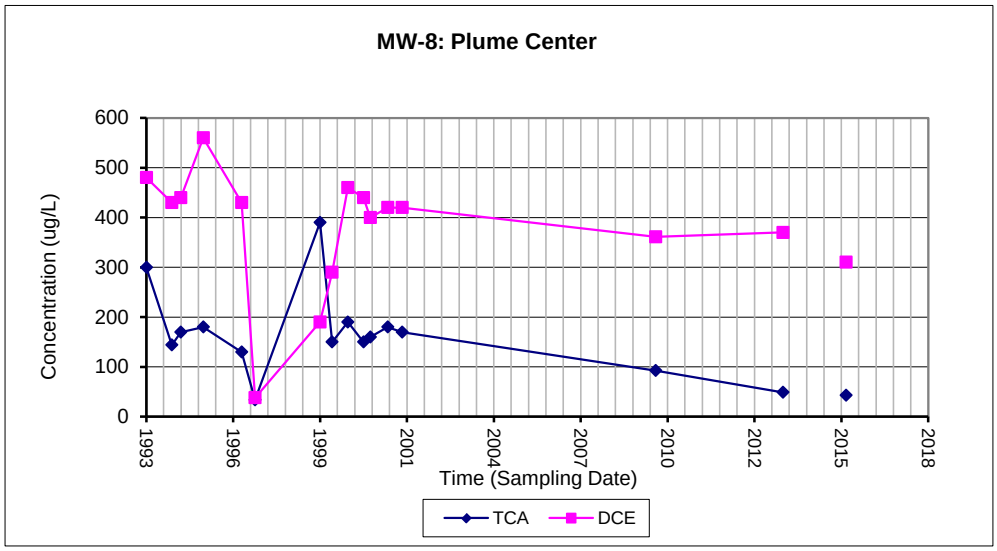


Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	1,000	9/10/1993
Current Conc. (ug/L):	140	5/2/2016
% Conc. Reduction:	86	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	970	10/14/1993
Max. Conc. (ug/L):	1100	11/4/1994
Current Conc. (ug/L):	450	5/2/2016
% Conc. Reduction:	59	
NC2L (ug/L)	350	
MCL (ug/L)	7	

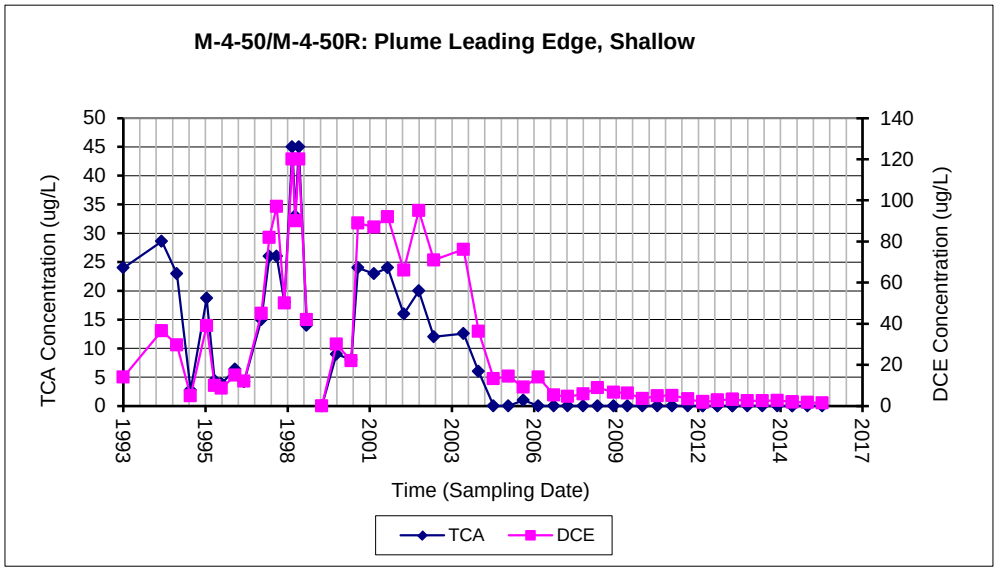
Graph 2. Main Plume Centerline TCA And DCE Time-Concentration Trends



Reduction in Concentration:

TCA		**Date**
Max. Conc. (ug/L):	390	4/6/1999
Current Conc. (ug/L):	43	11/3/2015
% Conc. Reduction:	89	
NC2L (ug/L)	200	

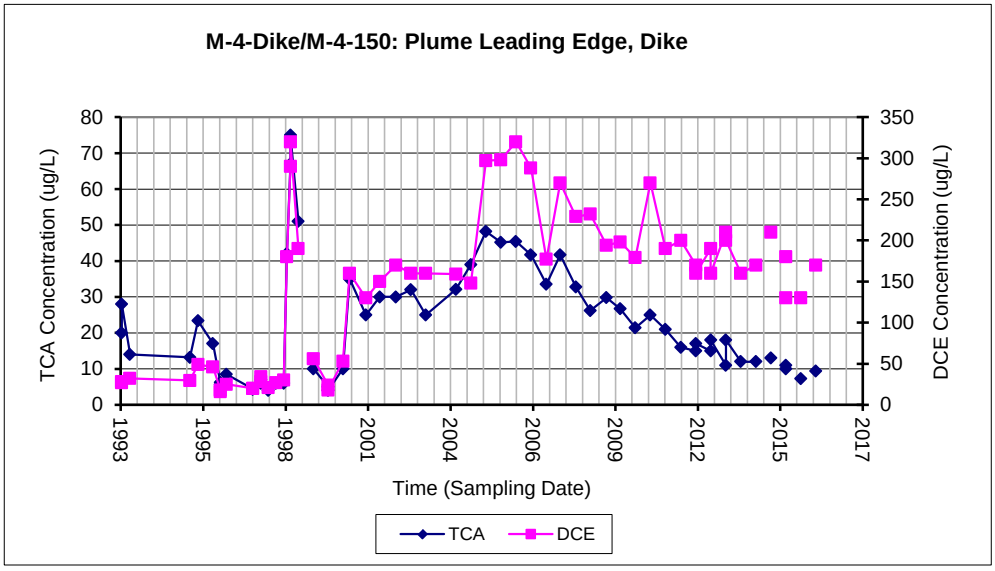
DCE		**Date**
Max. Conc. (ug/L):	560	8/1/1995
Current Conc. (ug/L):	310	11/3/2015
% Conc. Reduction:	45	
NC2L (ug/L)	350	
MCL (ug/L)	7	



Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	24	1/13/1993
Current Conc. (ug/L):	0	5/2/2016
% Conc. Reduction:	100.0	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	14	1/13/1993
Max. Conc. (ug/L):	120	8/31/1998
Current Conc. (ug/L):	1.5	5/2/2016
% Conc. Reduction:	99	
NC2L (ug/L)	350	
MCL (ug/L)	7	

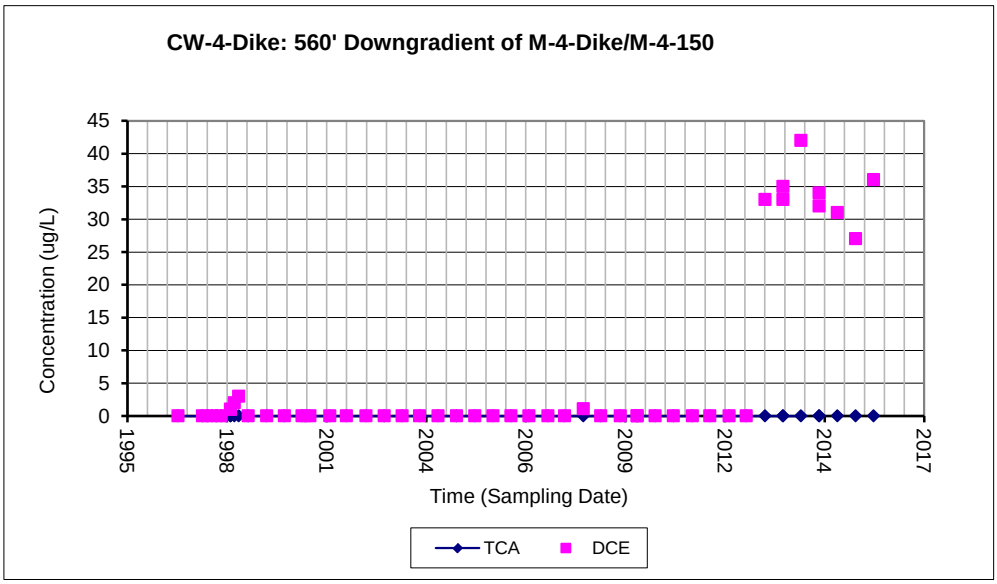


Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	24	1/13/1993
Max. Conc. (ug/L):	71	11/20/1998
Current Conc. (ug/L):	9.4	5/2/2016
% Conc. Reduction:	87	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	27.5	1/13/1993
Max. Conc. (ug/L):	320	5/16/2006
Current Conc. (ug/L):	170	5/2/2016
% Conc. Reduction:	47	
NC2L (ug/L)	350	
MCL (ug/L)	7	

Graph 2. Main Plume Centerline TCA And DCE Time-Concentration Trends

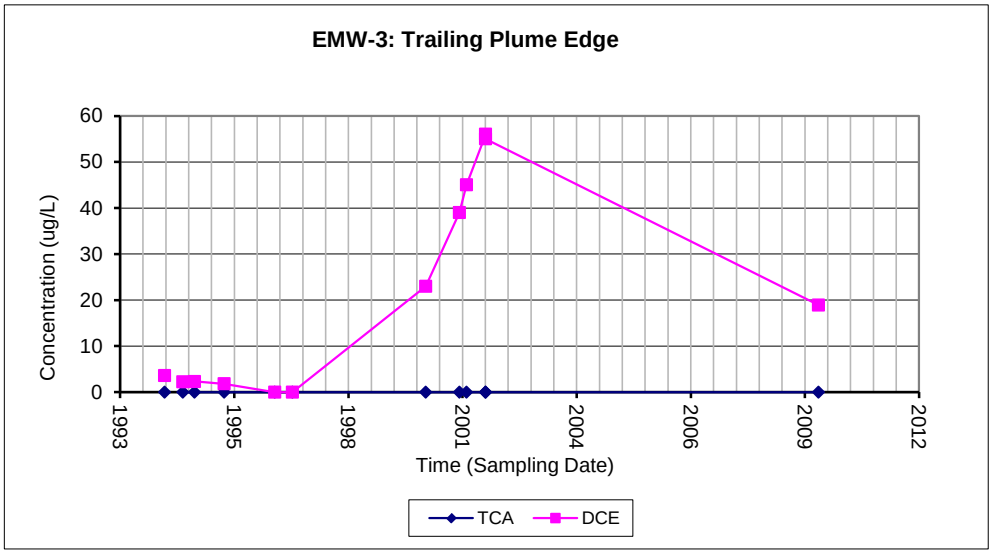


Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	<1	1/13/1993
Current Conc. (ug/L):	<1	5/3/2016
% Conc. Reduction:	NA	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	<1	1/13/1993
Max. Conc. (ug/L):	42	5/6/2014
Current Conc. (ug/L):	36	5/3/2016
% Conc. Reduction:	14	
NC2L (ug/L)	350	
MCL (ug/L)	7	

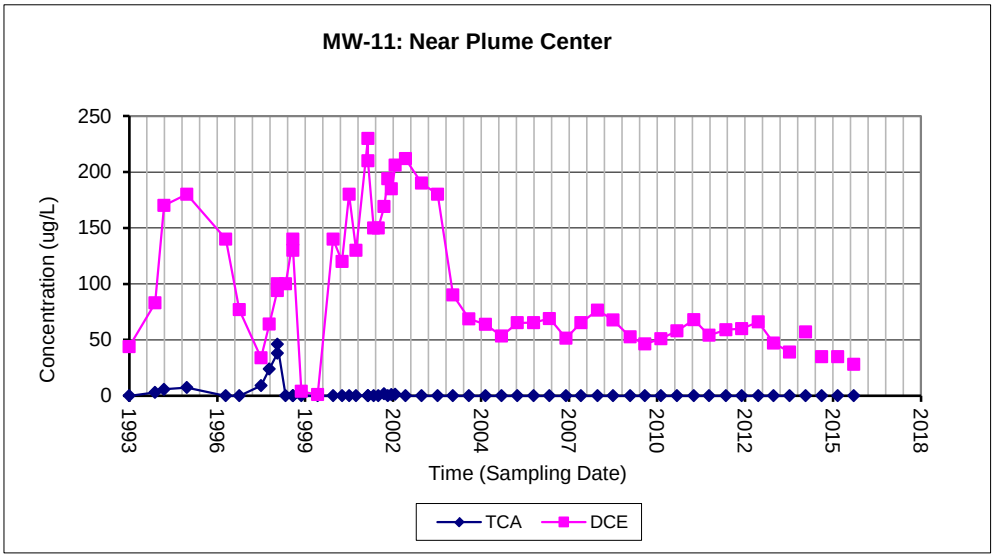
Graph 3. West Plume Center TCA And DCE Time-Concentration Trends



Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	<1	2/25/1994
Current Conc. (ug/L):	<1	11/2/2009
% Conc. Reduction:	NA	
NC2L (ug/L)	200	

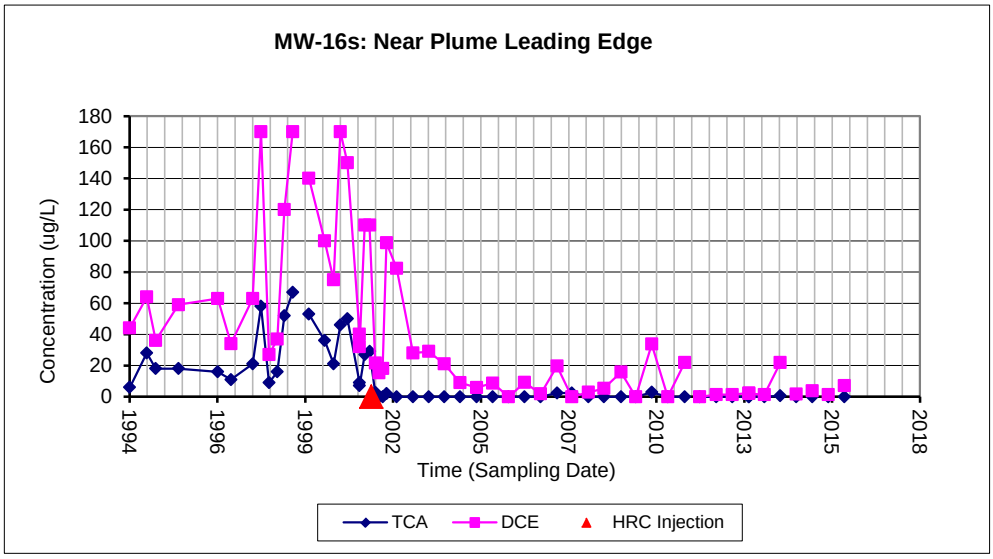
DCE		**Date**
Initial Conc. (ug/L):	3.6	2/25/1994
Max. Conc. (ug/L):	55.5	11/8/2001
Current Conc. (ug/L):	18.9	11/2/2009
% Conc. Reduction:	66	
NC2L (ug/L)	350	
MCL (ug/L)	7	



Reduction in Concentration:

TCA		**Date**
Max. Conc. (ug/L):	42	5/27/1998
Current Conc. (ug/L):	0	5/3/2016
% Conc. Reduction:	100	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	44	10/15/1993
Max. Conc. (ug/L):	220	3/22/2001
Current Conc. (ug/L):	28	5/3/2016
% Conc. Reduction:	87	
NC2L (ug/L)	350	
MCL (ug/L)	7	

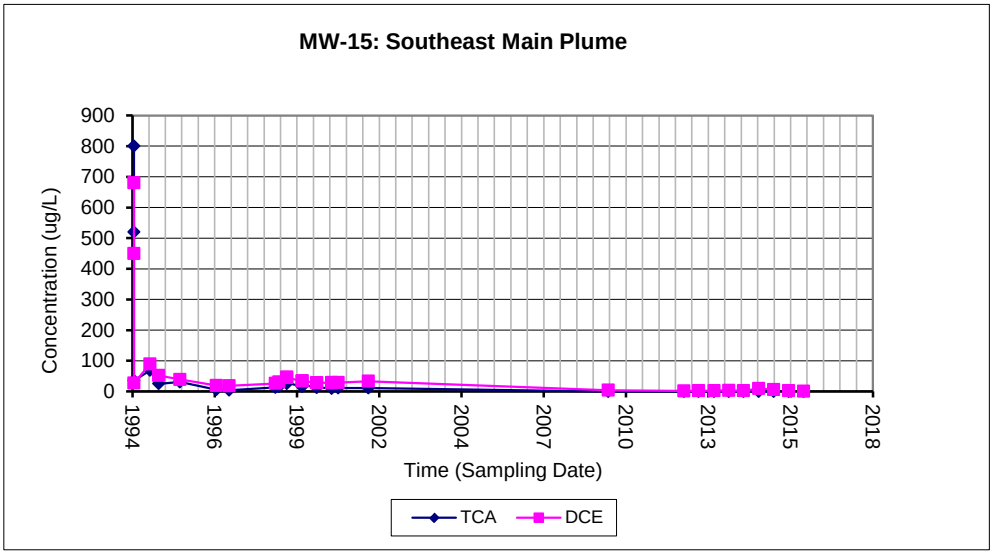


Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	6	1/21/1994
Max. Conc. (ug/L):	67	2/22/1999
Current Conc. (ug/L):	0	5/3/2016
% Conc. Reduction:	100	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	44	1/21/1994
Max. Conc. (ug/L):	170	2/24/1998
Current Conc. (ug/L):	7.0	5/3/2016
% Conc. Reduction:	96	
NC2L (ug/L)	350	
MCL (ug/L)	7	

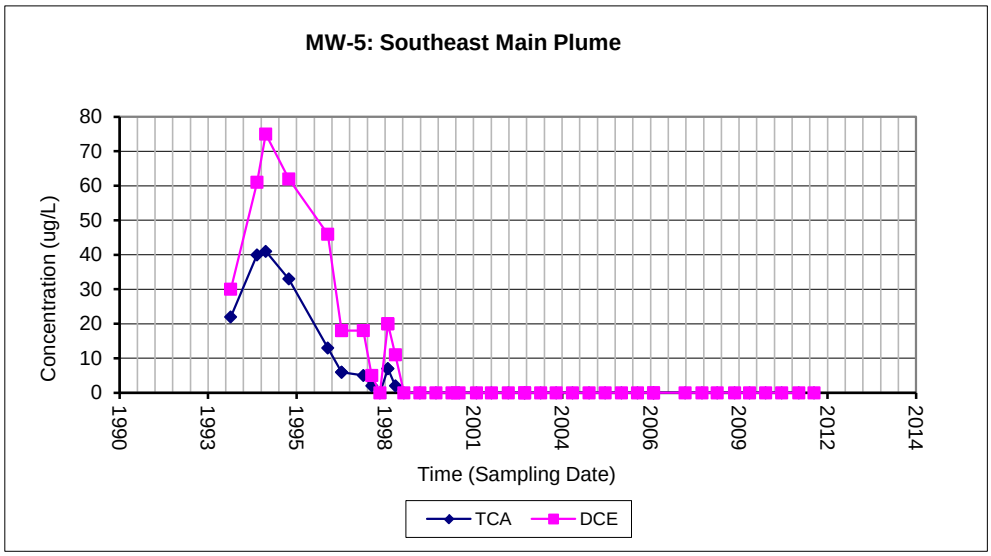
Graph 4. Plume Lateral Edge Time-Concentration Trends



Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	800	1/21/1994
Current Conc. (ug/L):	0.00	5/3/2016
% Conc. Reduction:	100	
NC2L (ug/L)	200	

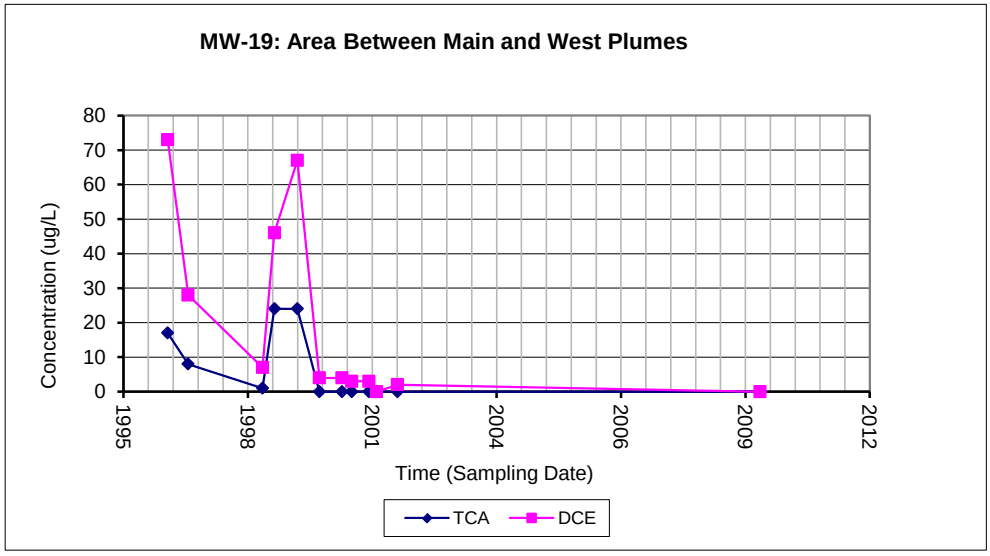
DCE		**Date**
Initial Conc. (ug/L):	680	1/21/1994
Current Conc. (ug/L):	0.85	5/3/2016
% Conc. Reduction:	100	
NC2L (ug/L)	350	
MCL (ug/L)	7	



Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	22	10/14/1993
Current Conc. (ug/L):	<1	11/1/2011
% Conc. Reduction:	100	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	30	10/14/1993
Max. Conc. (ug/L):	75	11/15/1994
Current Conc. (ug/L):	<1	11/1/2011
% Conc. Reduction:	100	
NC2L (ug/L)	350	
MCL (ug/L)	7	

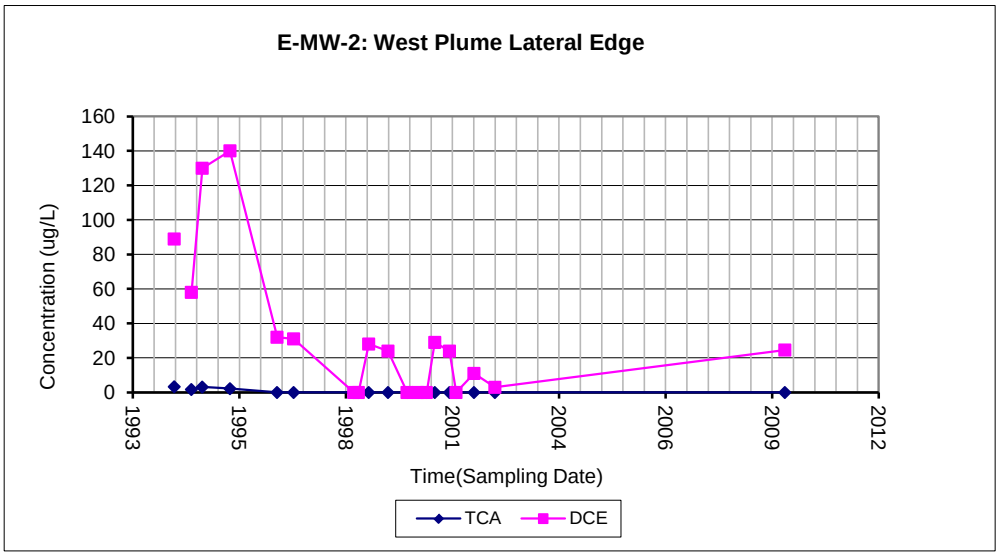


Reduction in Concentration:

TCA		**Date**
Initial Conc. (ug/L):	17	10/17/1996
Current Conc. (ug/L):	<1	11/2/2009
% Conc. Reduction:	100	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	73	10/17/1996
Current Conc. (ug/L):	<1	11/2/2009
% Conc. Reduction:	100	
NC2L (ug/L)	350	
MCL (ug/L)	7	

Graph 4. Plume Lateral Edge Time-Concentration Trends

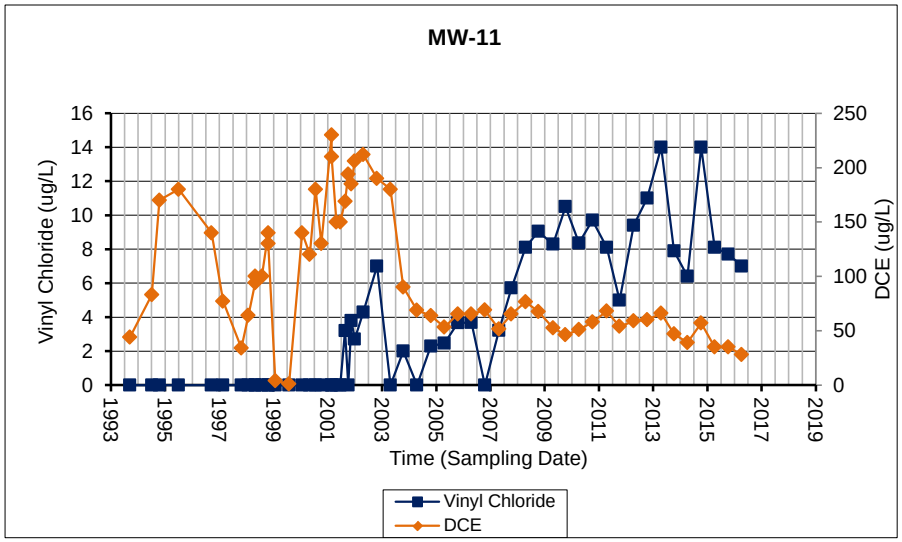


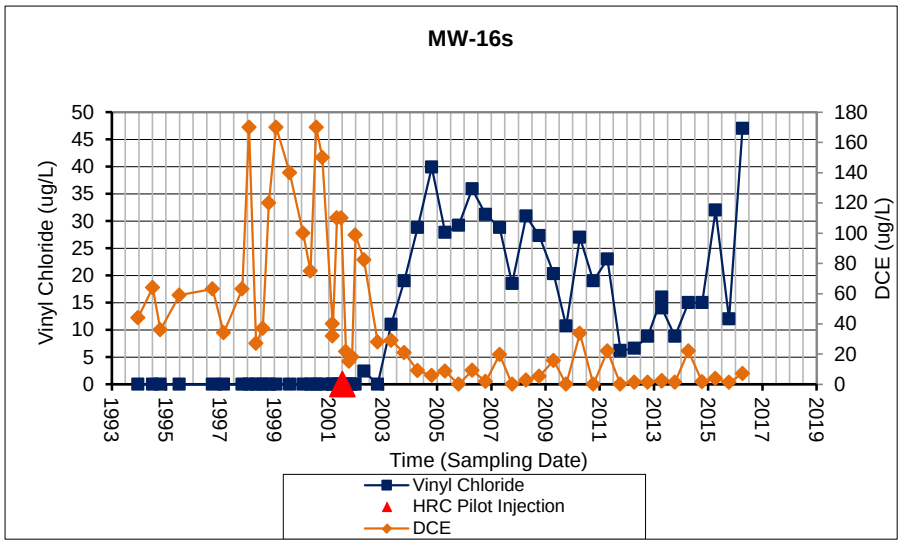
Reduction in Concentration:

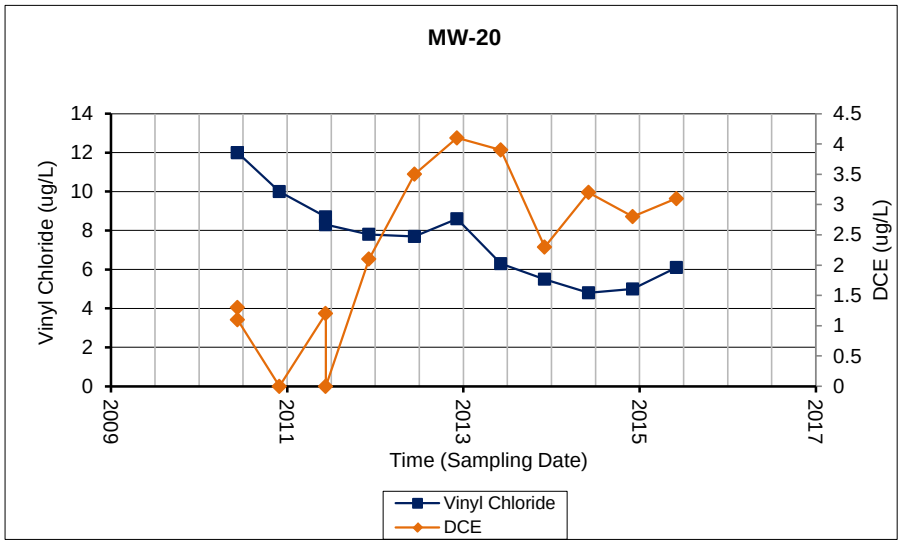
TCA		**Date**
Initial Conc. (ug/L):	3	2/25/1994
Current Conc. (ug/L):	<1	11/2/2009
% Conc. Reduction:	100	
NC2L (ug/L)	200	

DCE		**Date**
Initial Conc. (ug/L):	89	2/25/1994
Max. Conc. (ug/L):	140	8/1/1995
Current Conc. (ug/L):	24.6	11/2/2009
% Conc. Reduction:	72	
NC2L (ug/L)	350	
MCL (ug/L)	7	

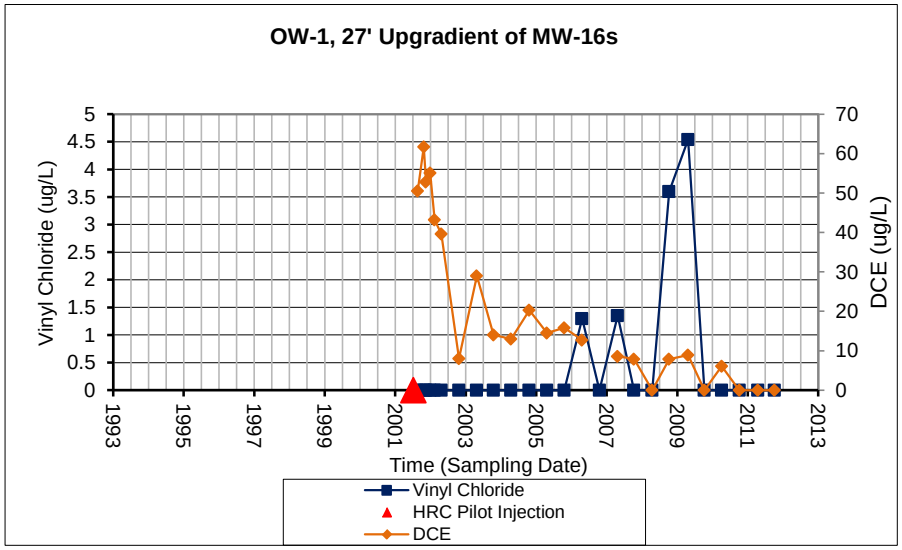
Graph 5. Vinyl Chloride and DCE Time-Concentration Trends

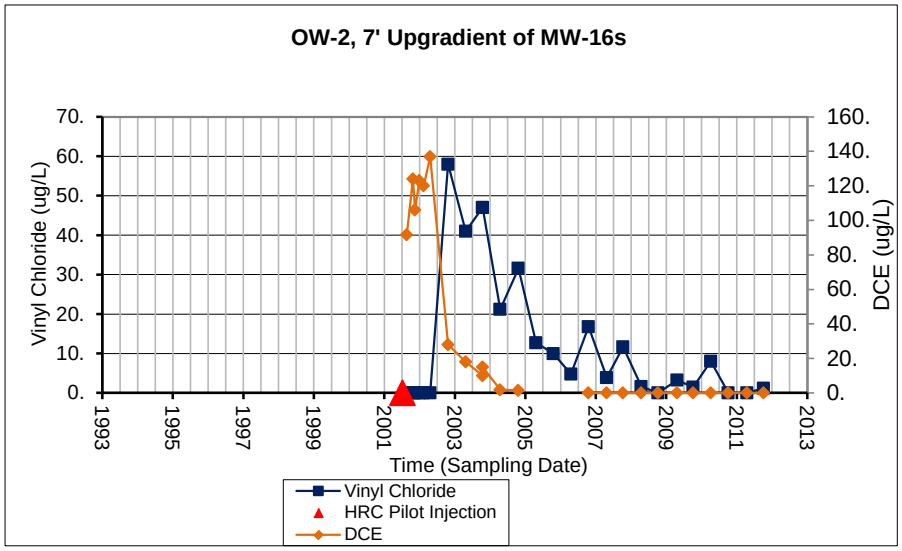


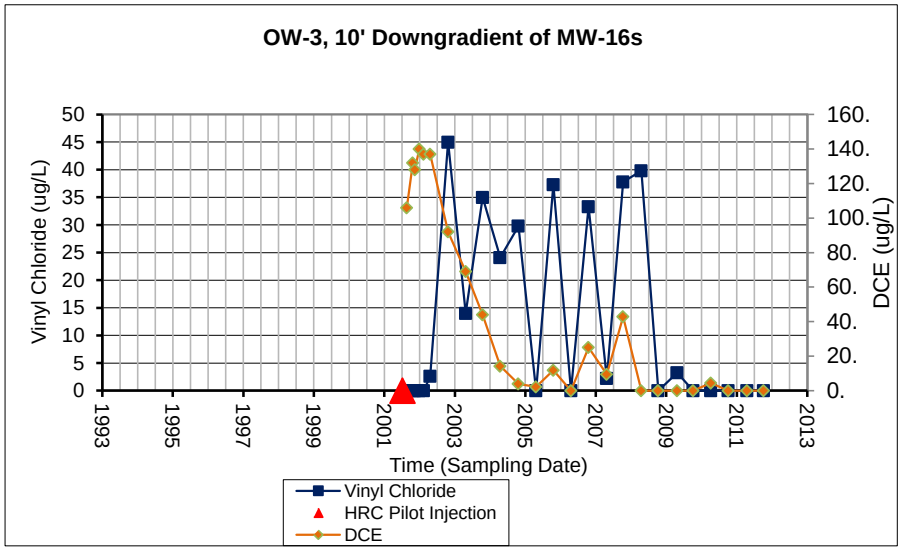




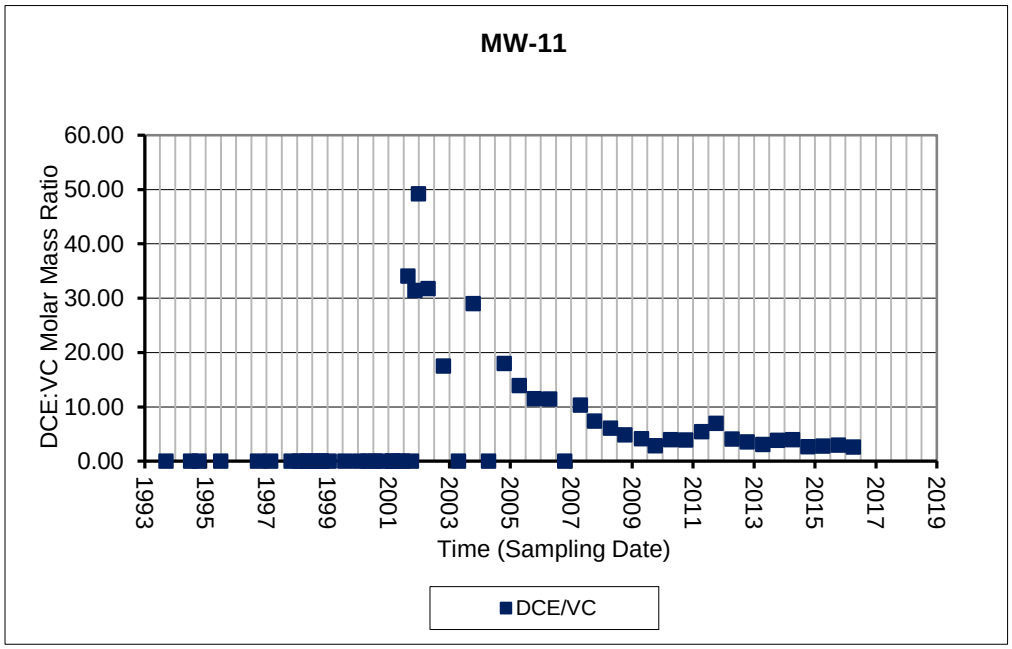
Graph 5. Vinyl Chloride and DCE Time-Concentration Trends

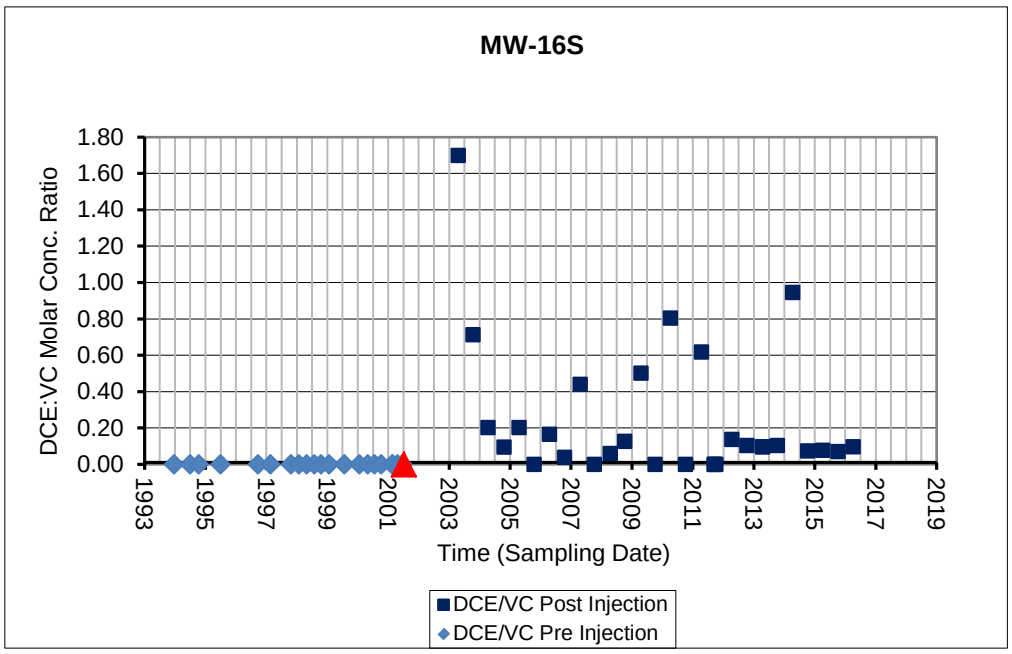






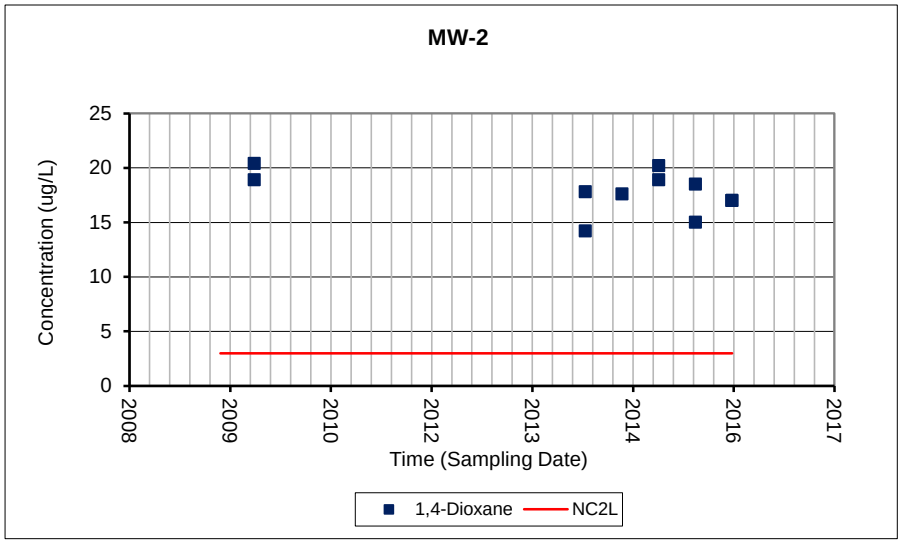
Graph 6. DCE:VC Molar Concentration Ratio Over Time

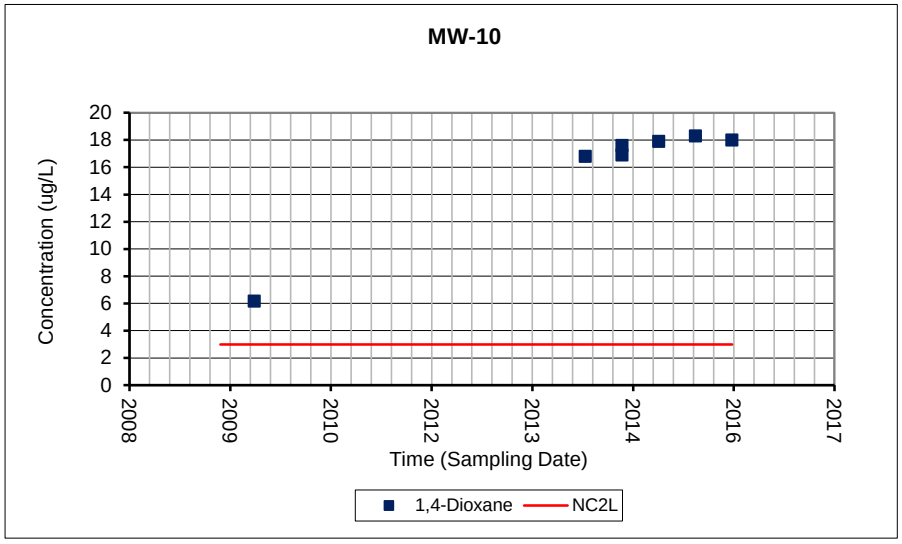


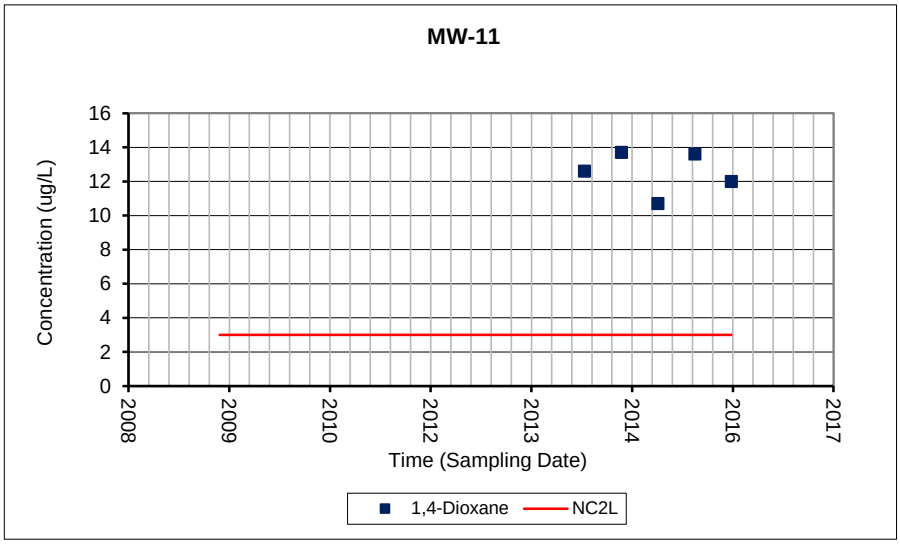


Vinyl chloride is produced from degradation of 1,1-dichloroethene. DCE/VC molar conc
ratio decreases over time.

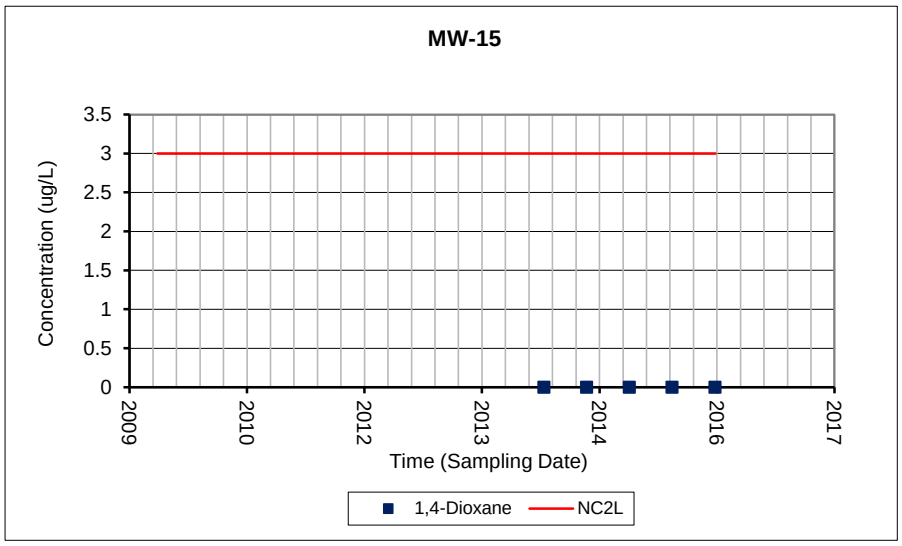
Graph 7. 1,4-Dioxane Time-Concentration Trends

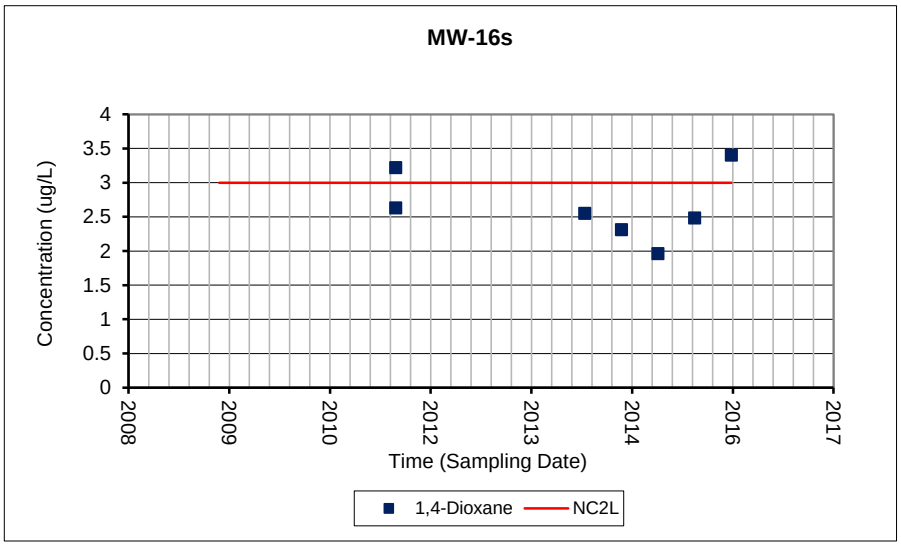


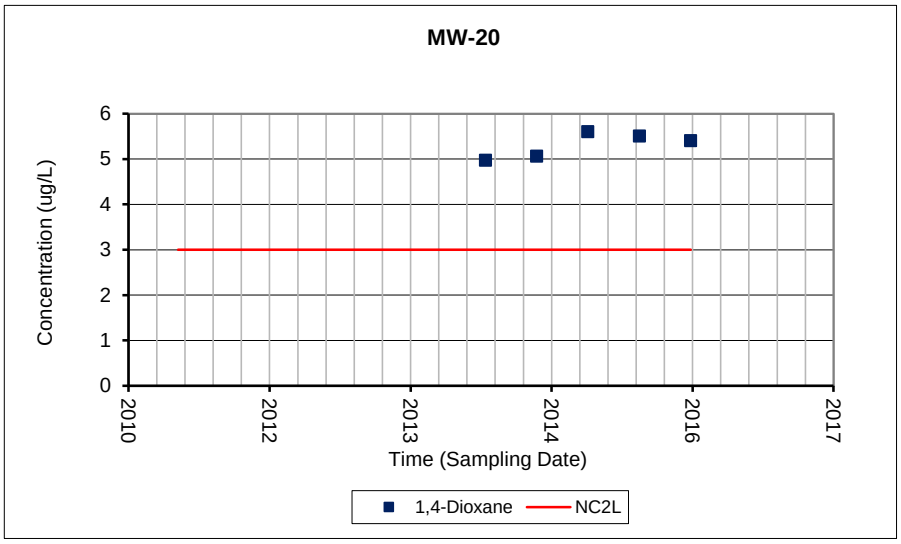




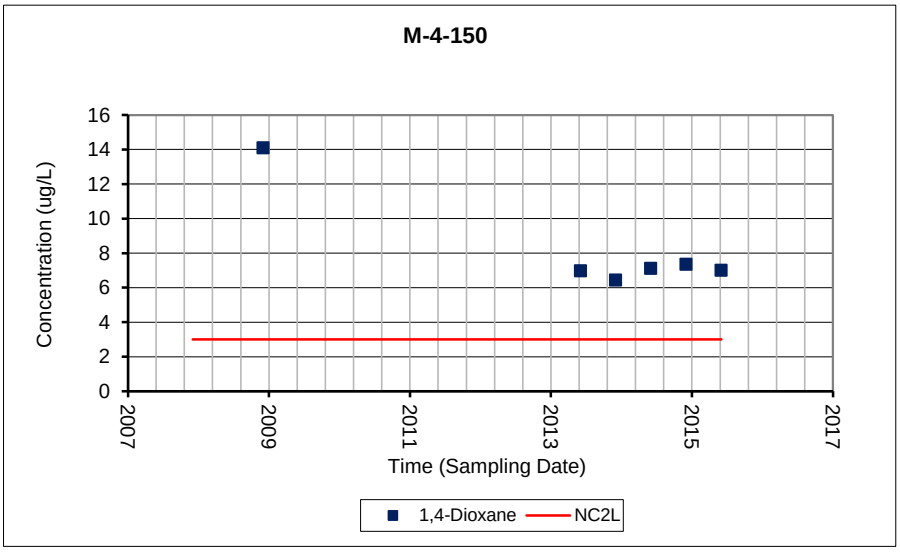
Graph 7. 1,4-Dioxane Time-Concentration Trends

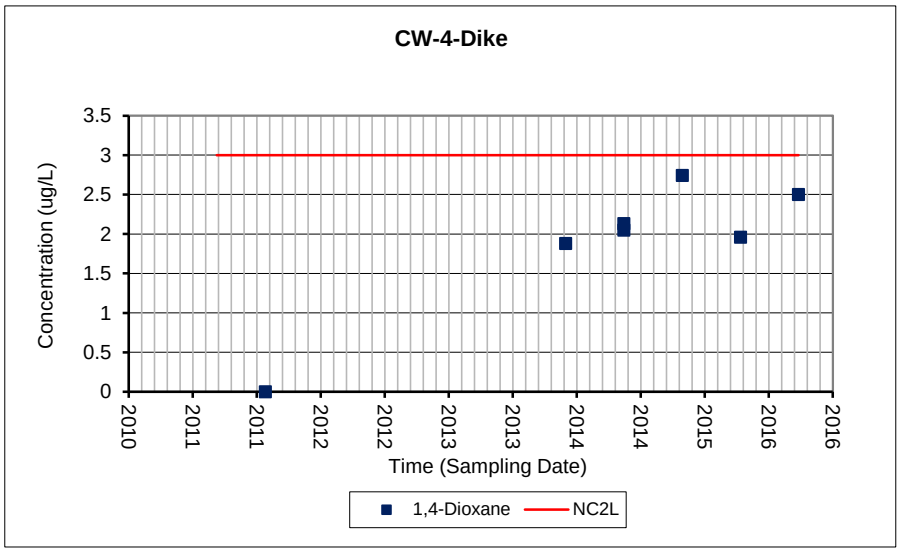




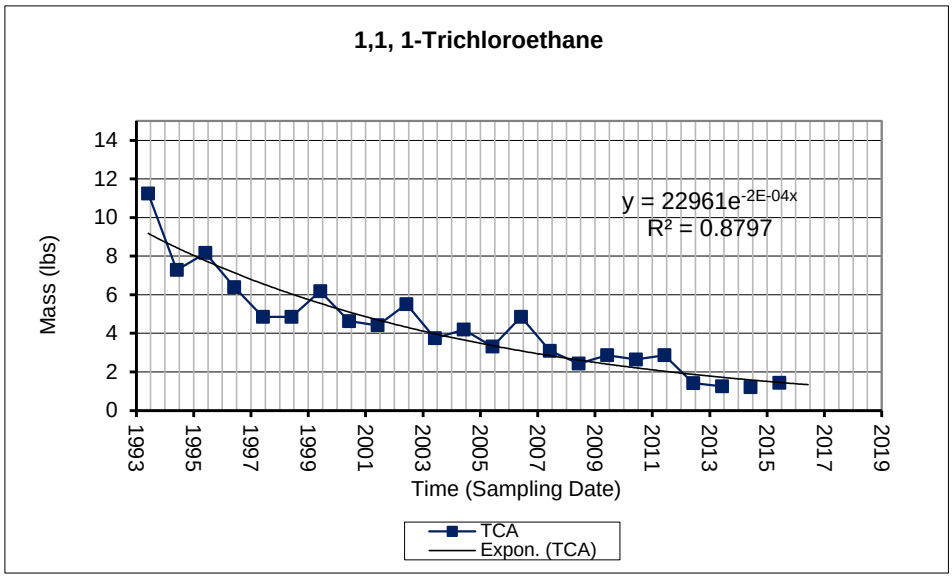


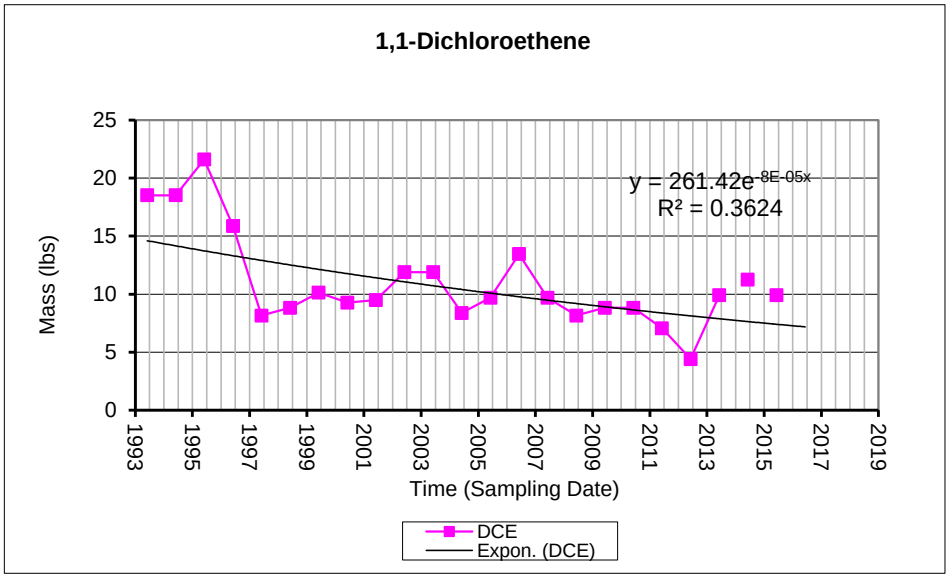
Graph 7. 1,4-Dioxane Time-Concentration Trends

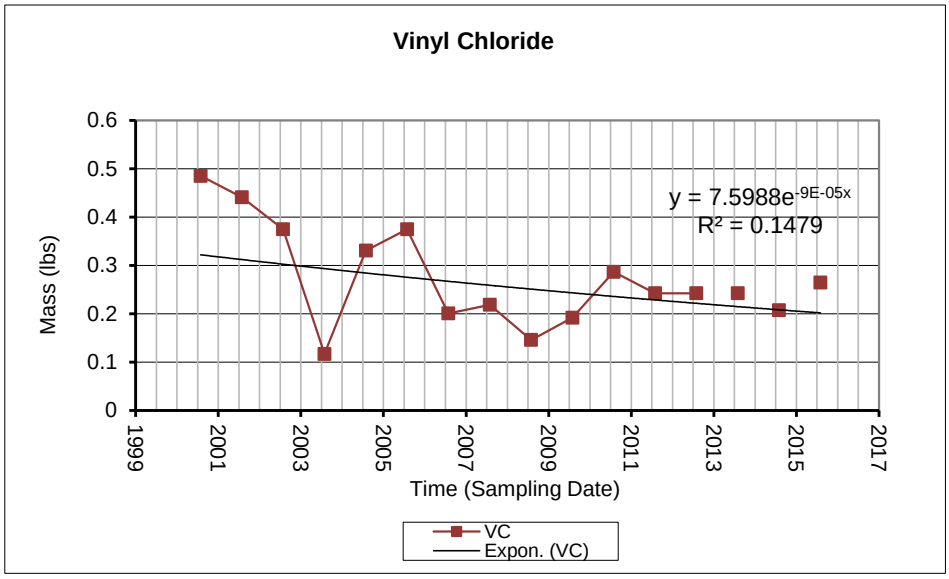




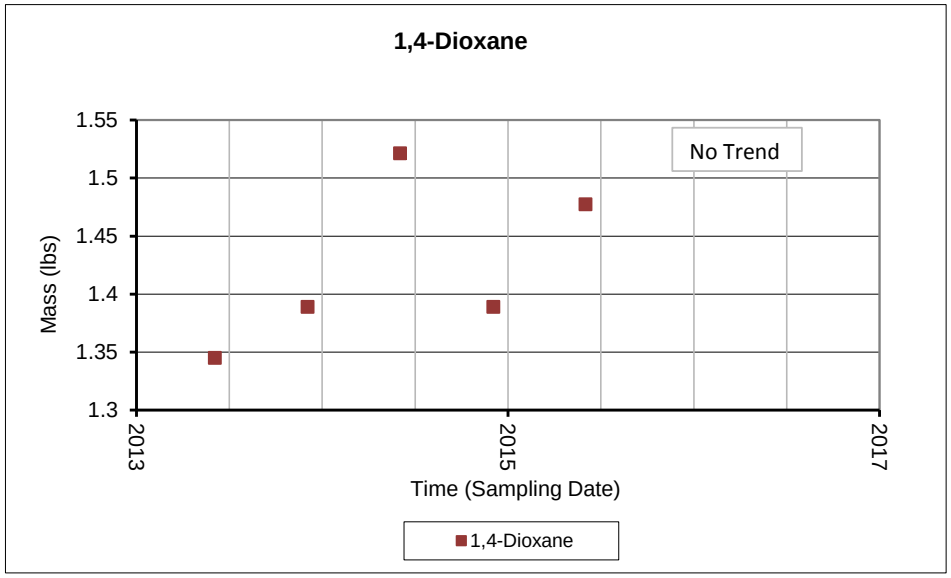
Graph 8. Change in Estimated Mass Over Time (Summary of Zeroth Moment Analysis)





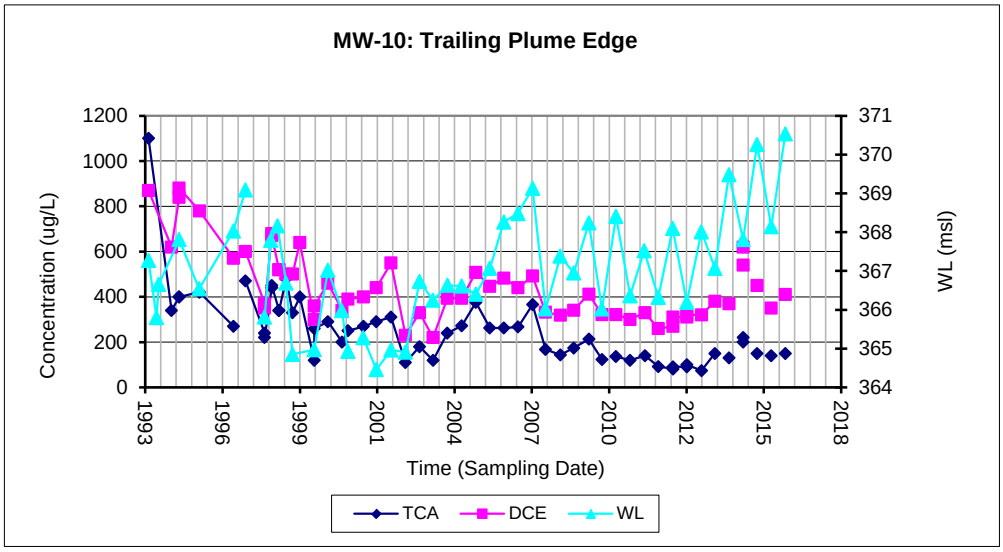


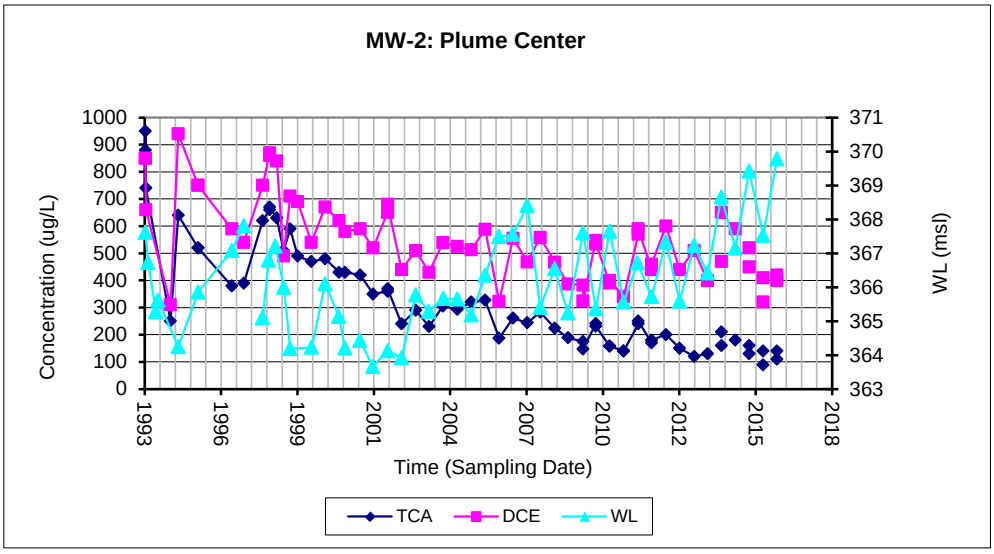
Graph 8. Change in Estimated Mass Over Time (Summary of Zeroth Moment Analysis)

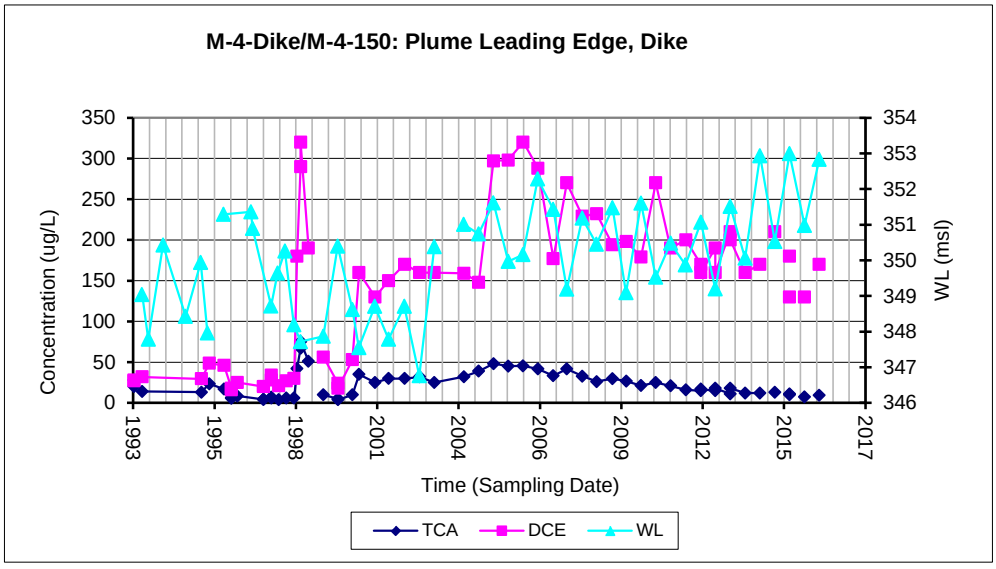


Graph 9. Hydrographs of Plume Center Wells

Main Plume Center Wells

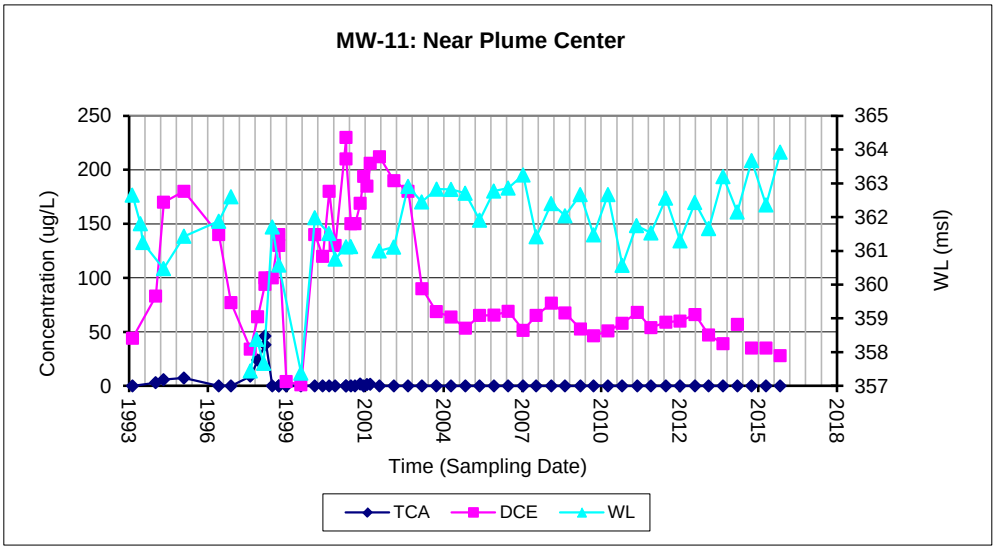


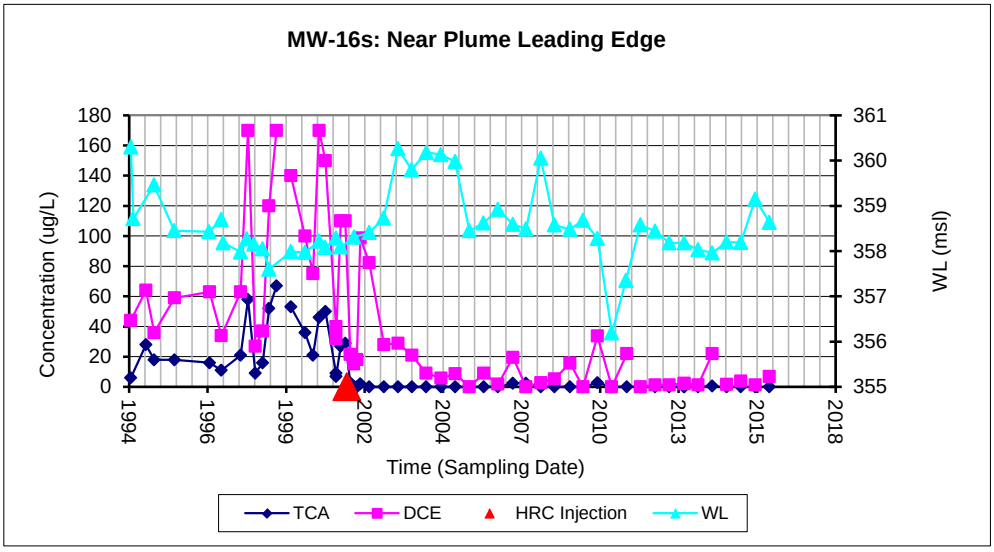




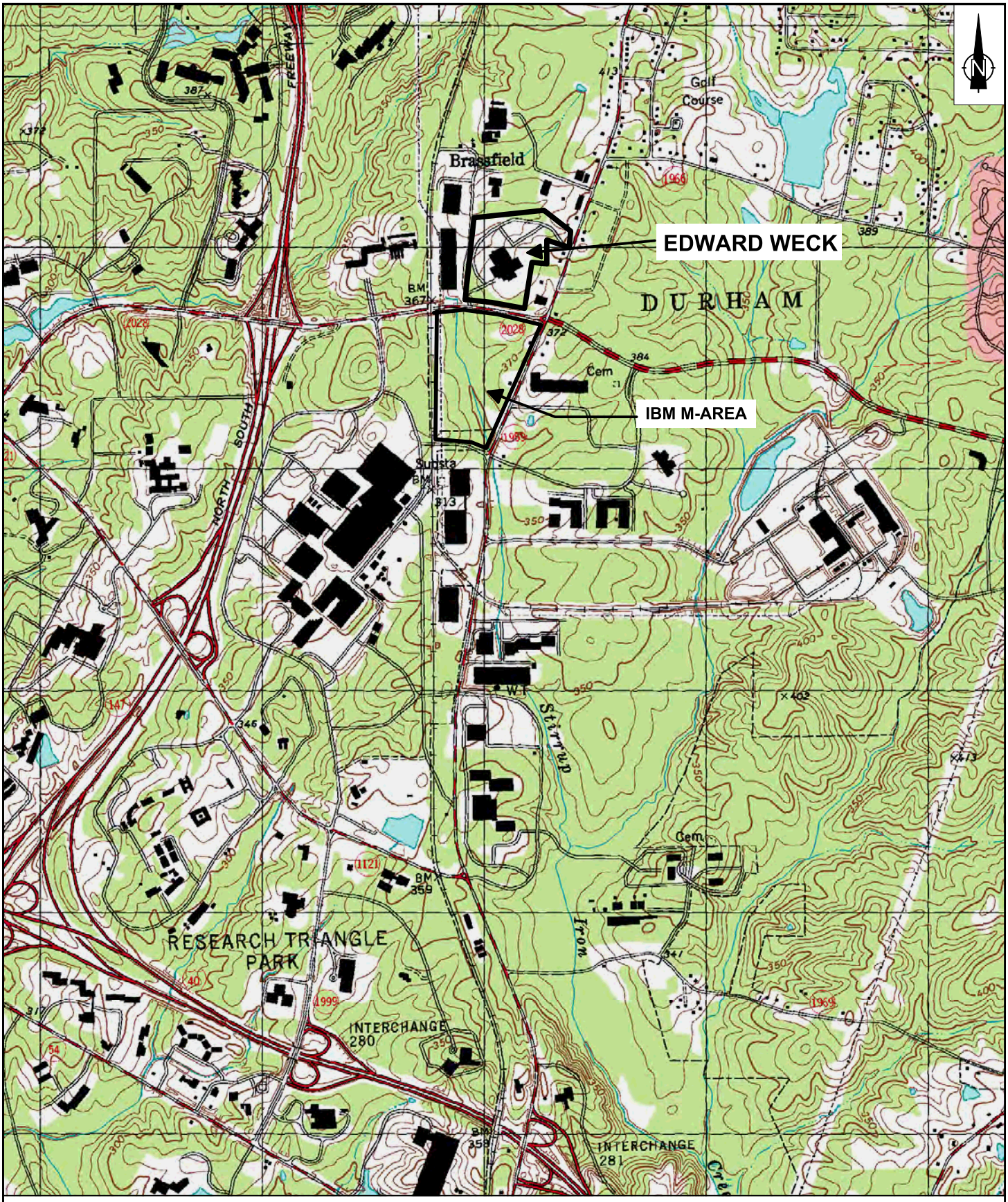
Graph 9. Hydrographs of Plume Center Wells

West Plume Center Wells





FIGURES



Source: USGS 7.5 Minute Topographic Quad. Map
Southeast Durham, N.C., 1973.

0 1000 2000

Scale is approximate

Edward Weck, Inc., Durham, NC
Site ID No. NCD001493931

Figure 1. Site Location Topographic Map

Aquafusion Environmental Services, Inc.

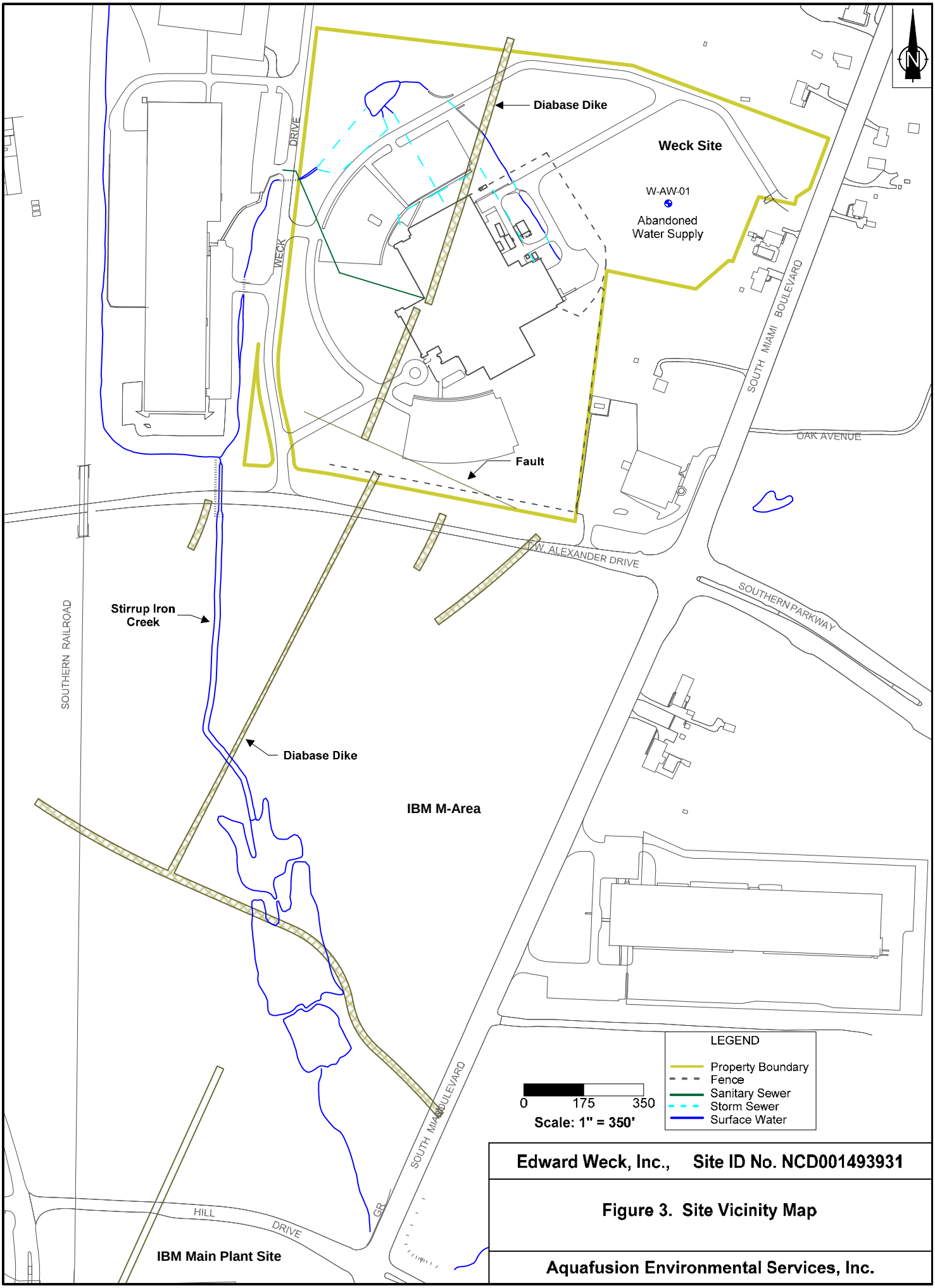
1. Map Source: 2005 Orthophoto, City of Durham and Durham County GIS Mapping Application System.

0 625 1250

Edward Weck, Inc., Site ID No. NCD001493931

Figure 2. Site Location Aerial Map

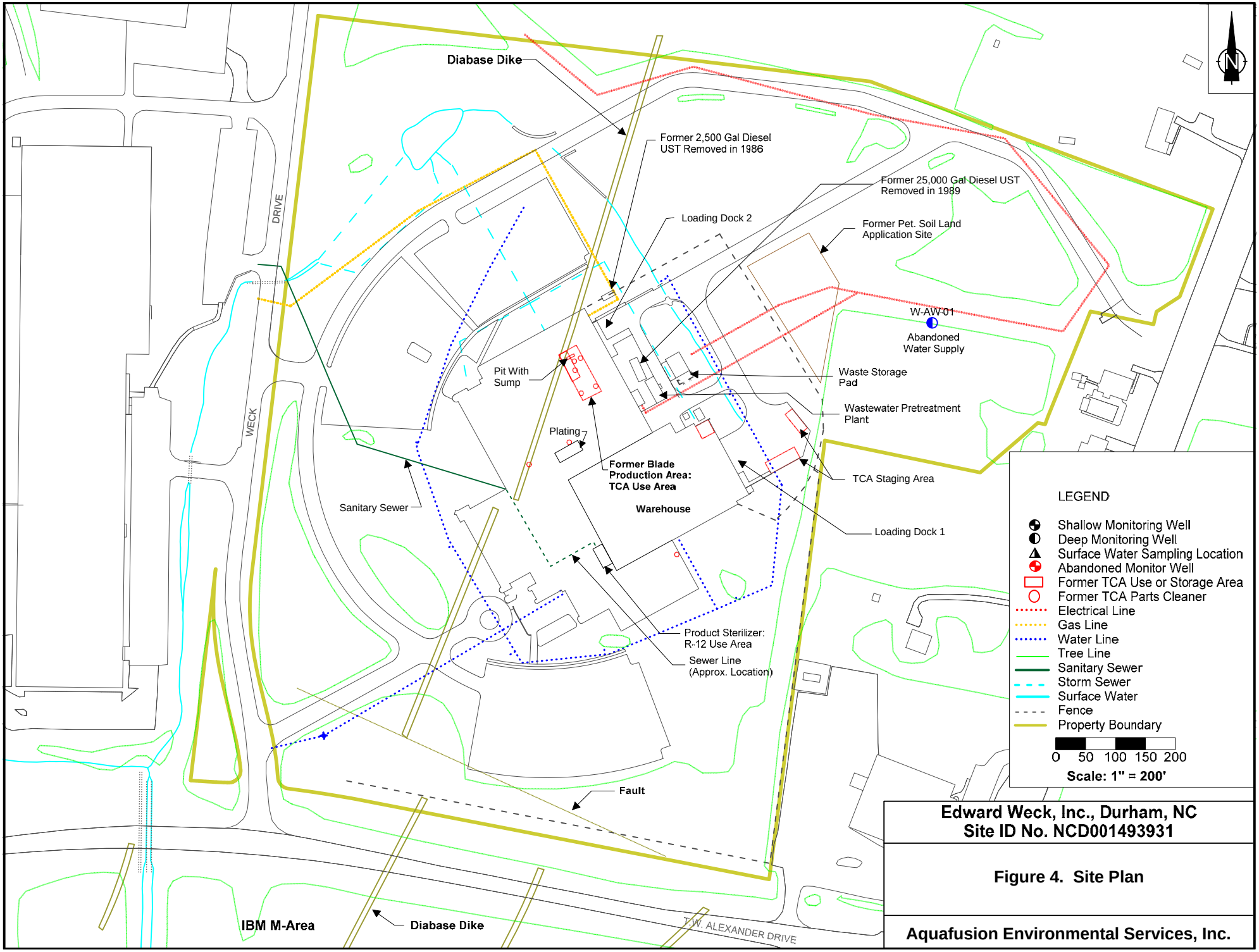
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 3. Site Vicinity Map

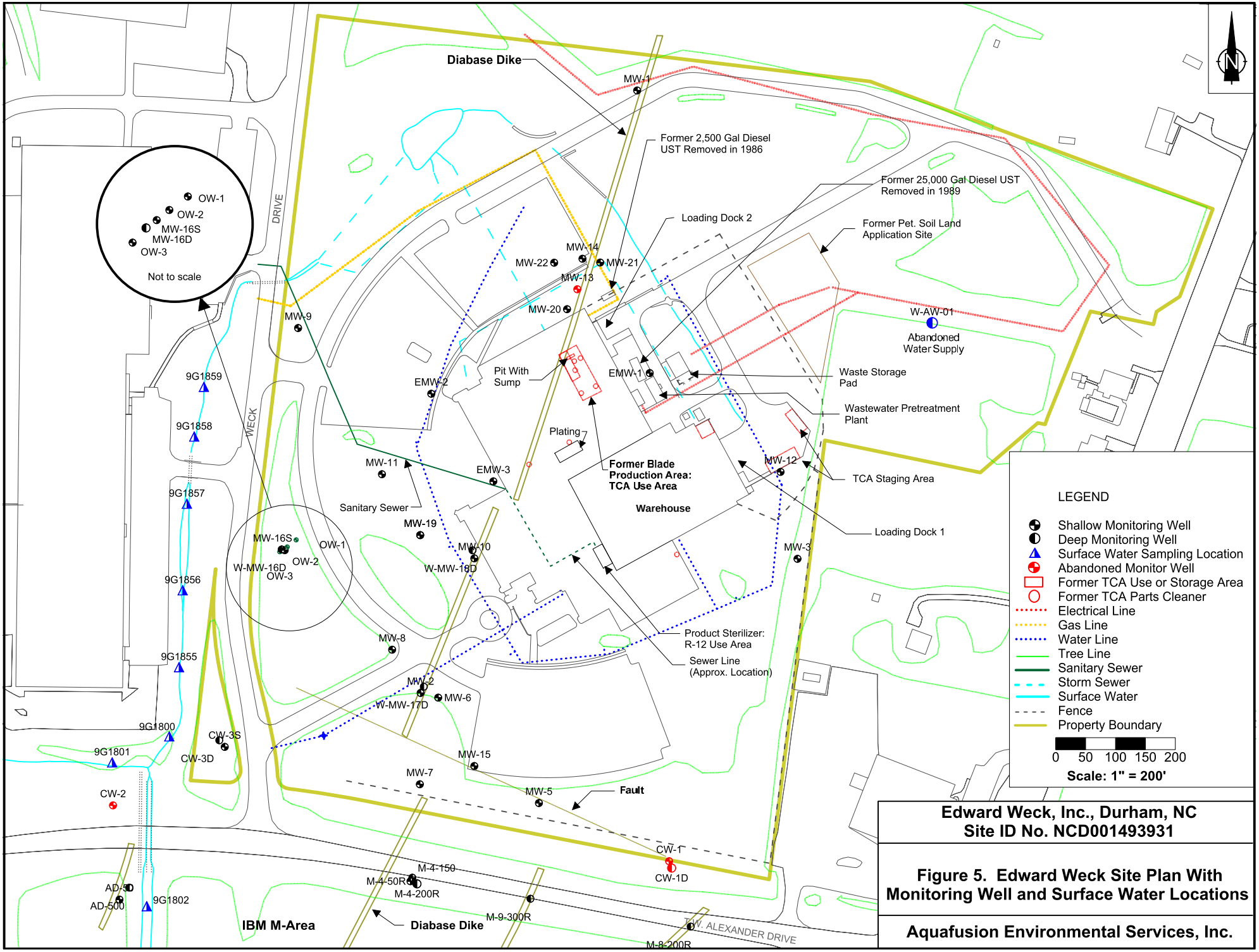
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Durham, NC
Site ID No. NCD001493931

Figure 4. Site Plan

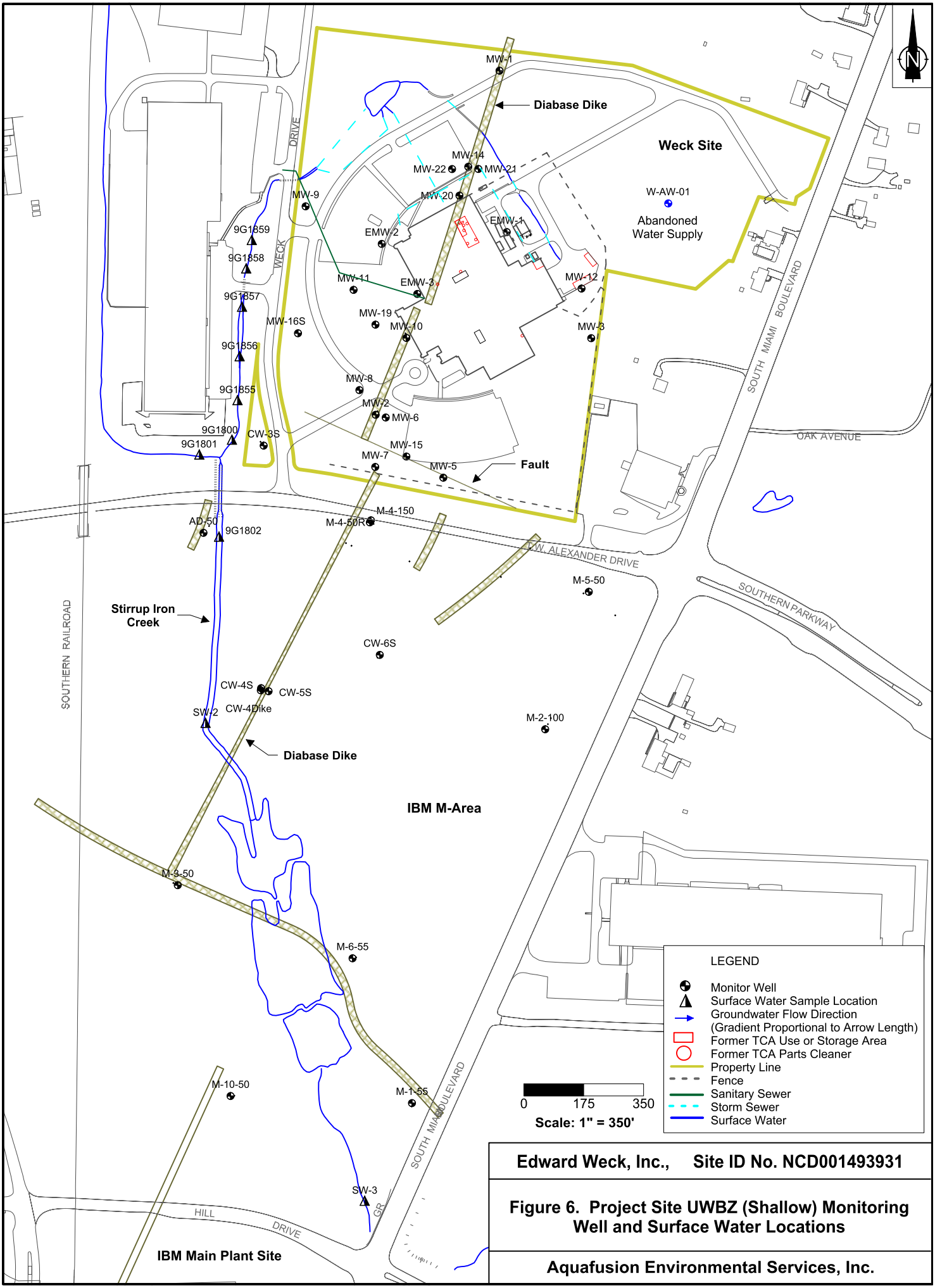
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Durham, NC
Site ID No. NCD001493931

Figure 5. Edward Weck Site Plan With Monitoring Well and Surface Water Locations

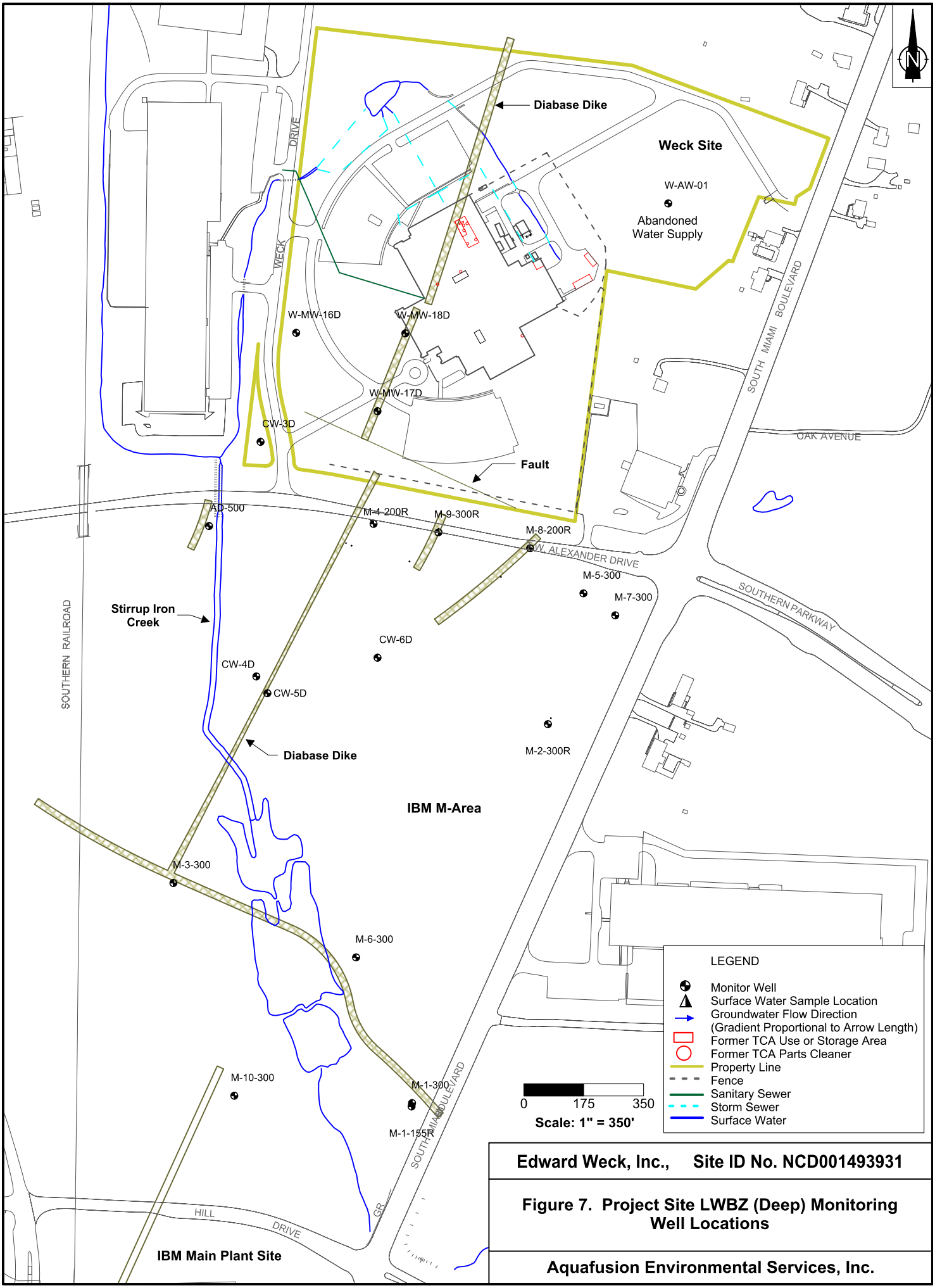
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 6. Project Site UWBZ (Shallow) Monitoring Well and Surface Water Locations

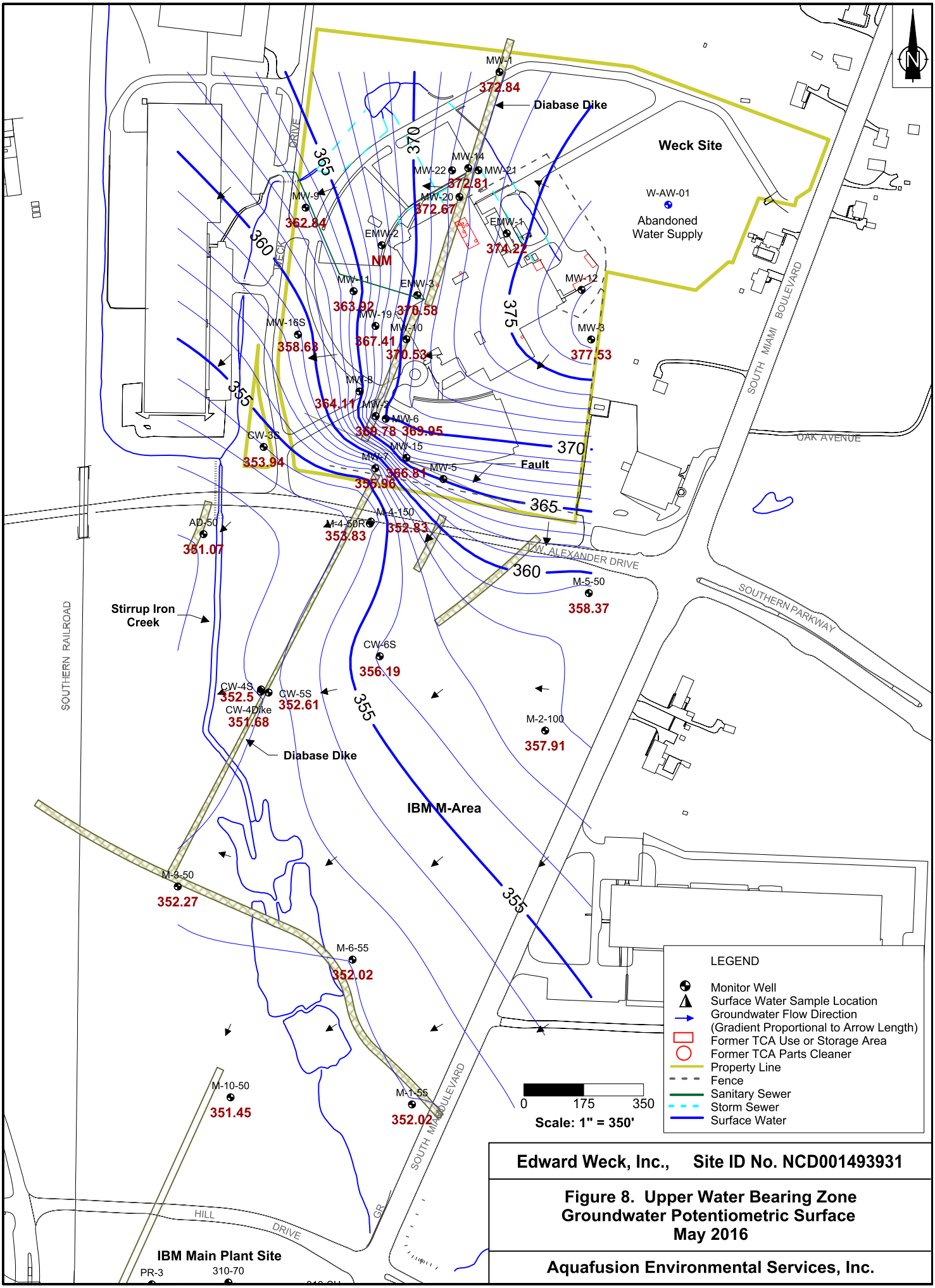
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 7. Project Site LWBZ (Deep) Monitoring Well Locations

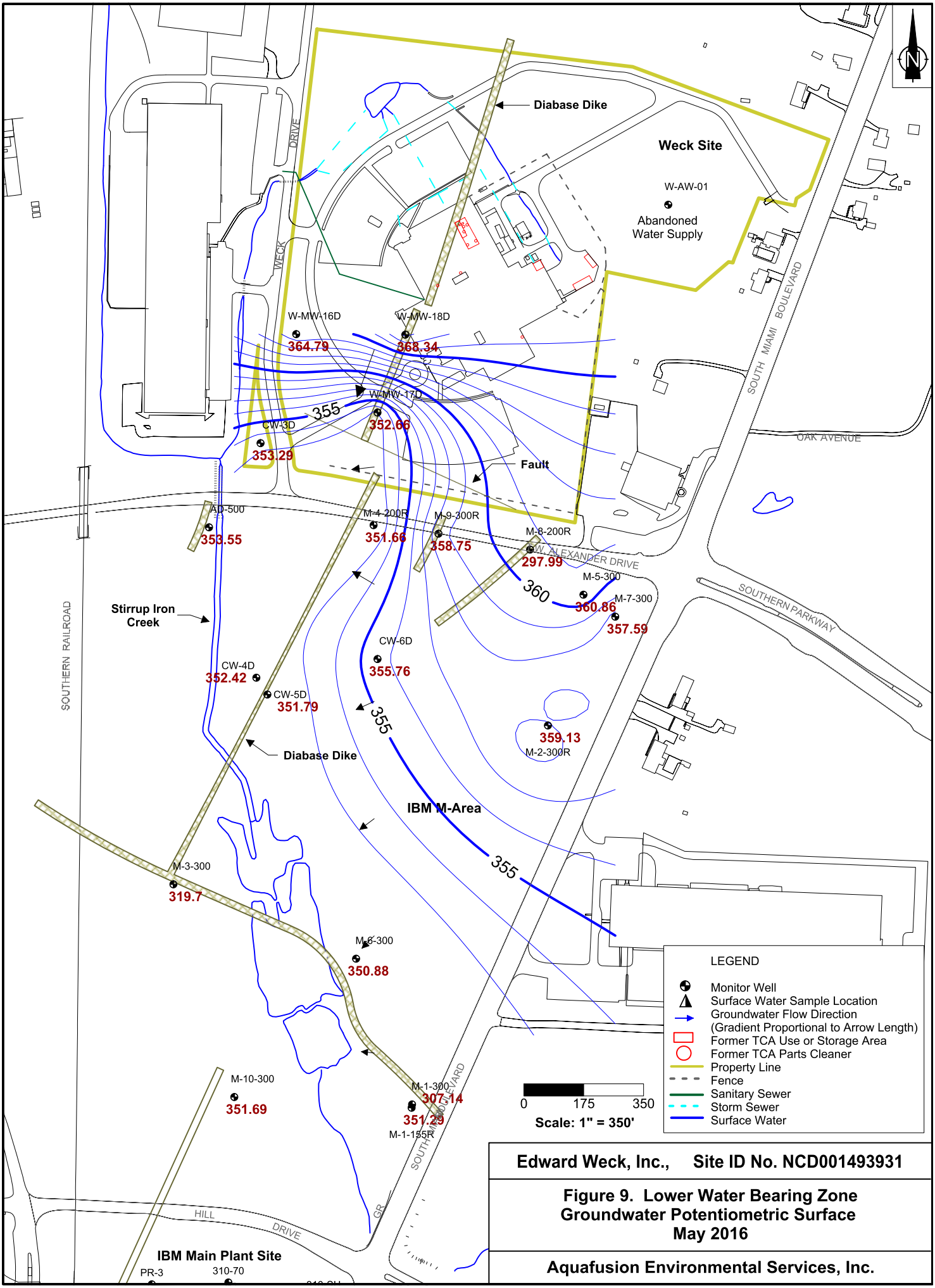
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 8. Upper Water Bearing Zone Groundwater Potentiometric Surface May 2016

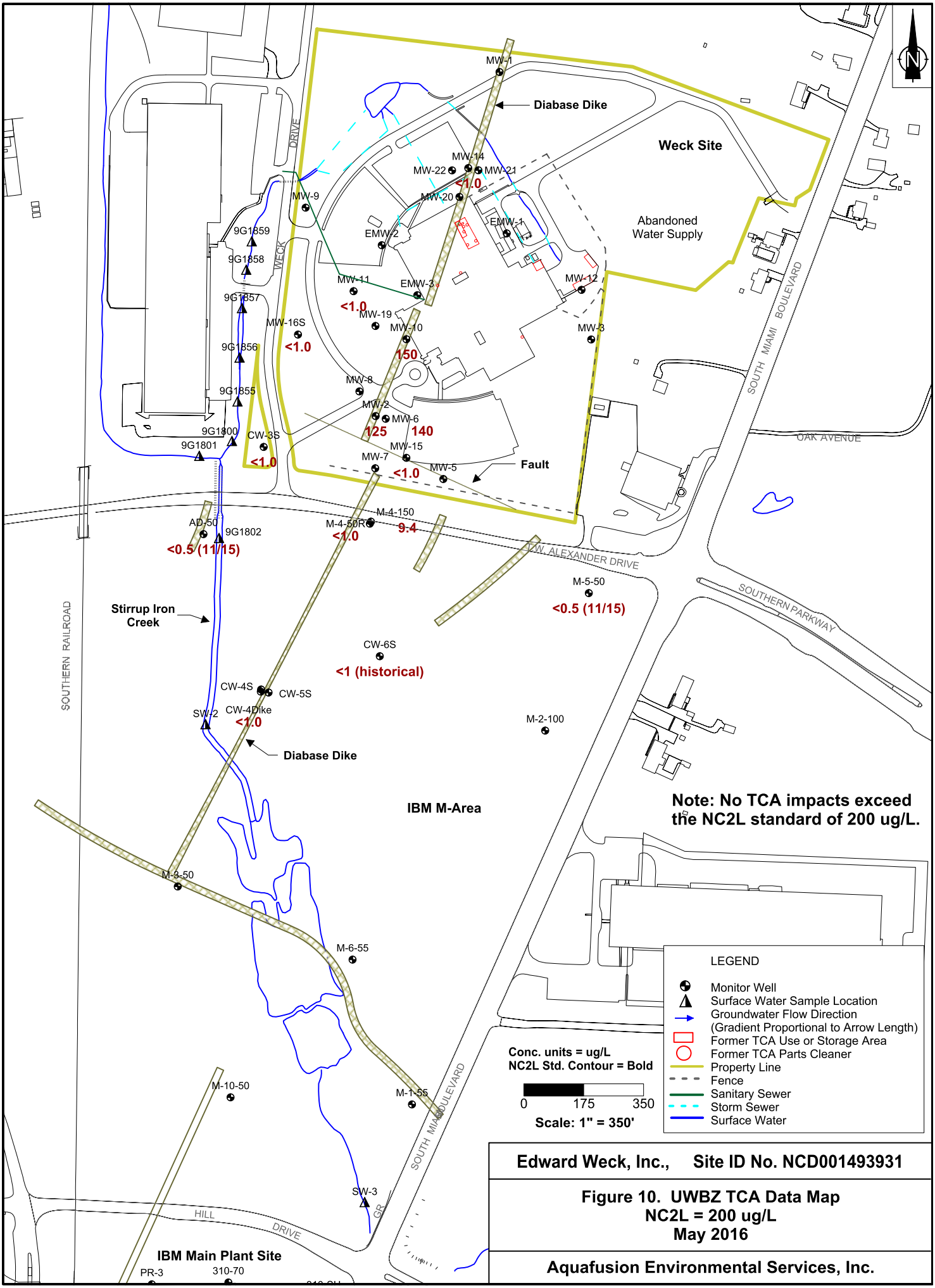
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 9. Lower Water Bearing Zone Groundwater Potentiometric Surface May 2016

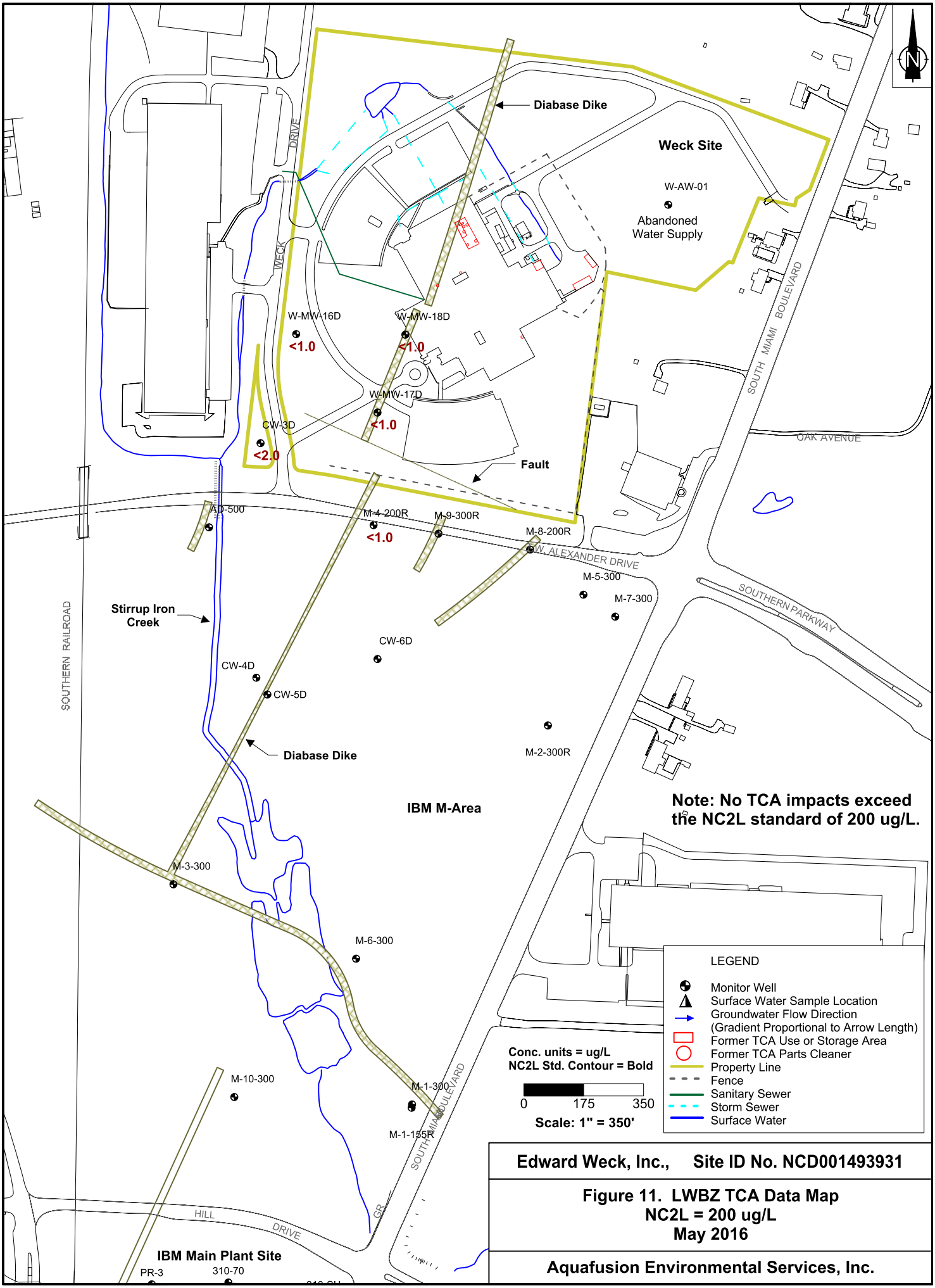
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 10. UWBZ TCA Data Map
NC2L = 200 ug/L
May 2016

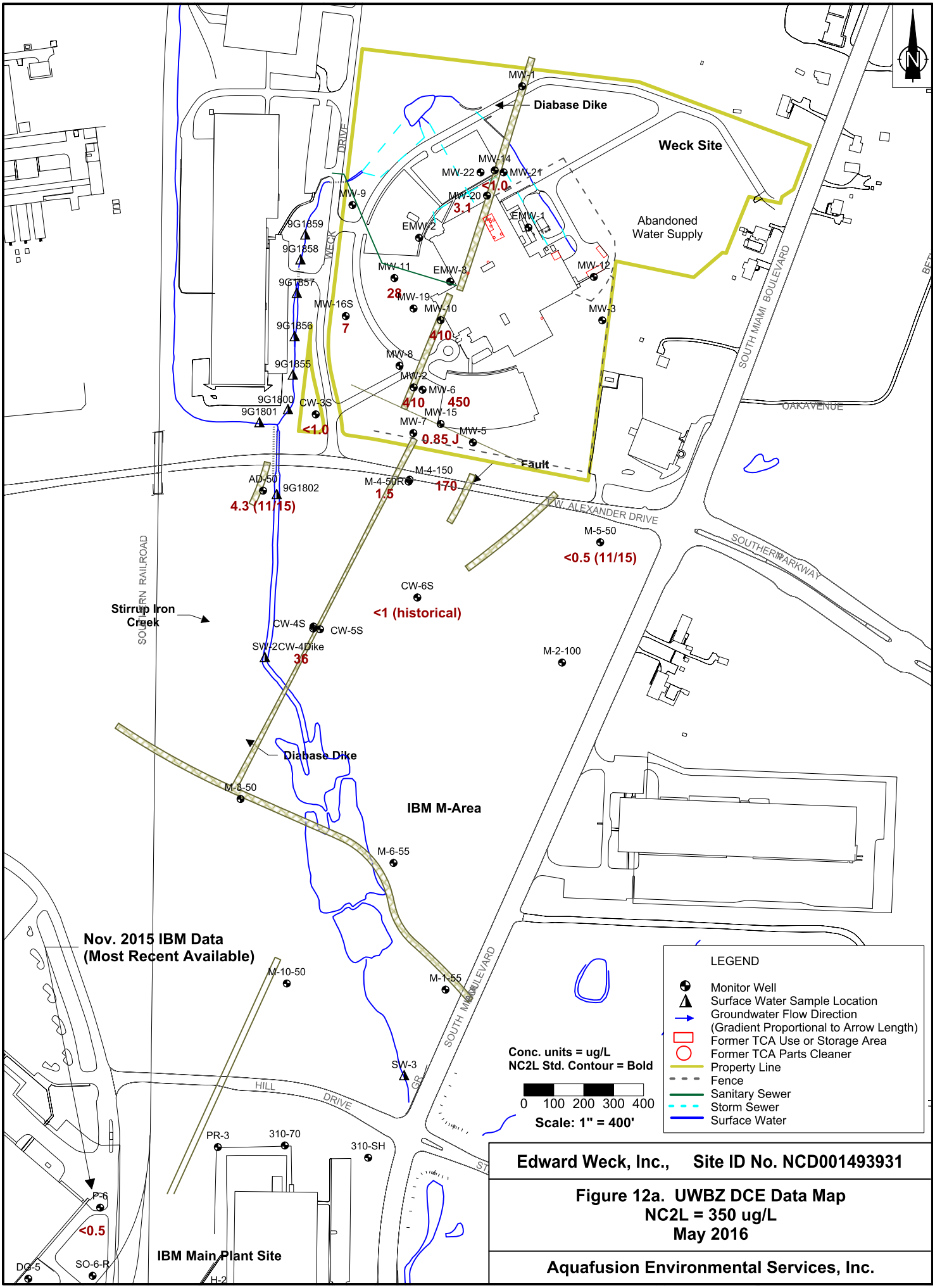
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 11. LWBZ TCA Data Map
NC2L = 200 ug/L
May 2016

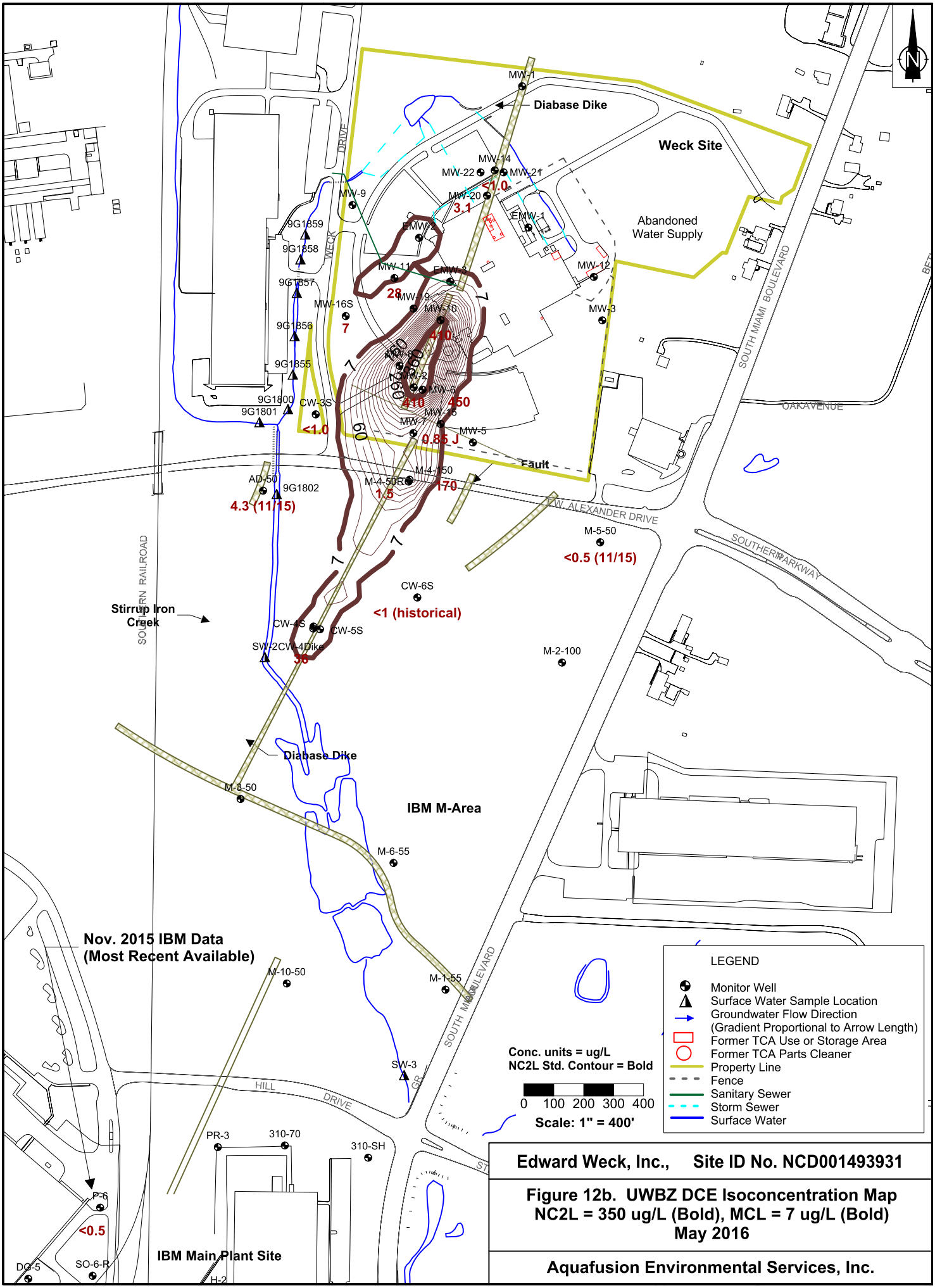
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 12a. UWBZ DCE Data Map
NC2L = 350 ug/L
May 2016

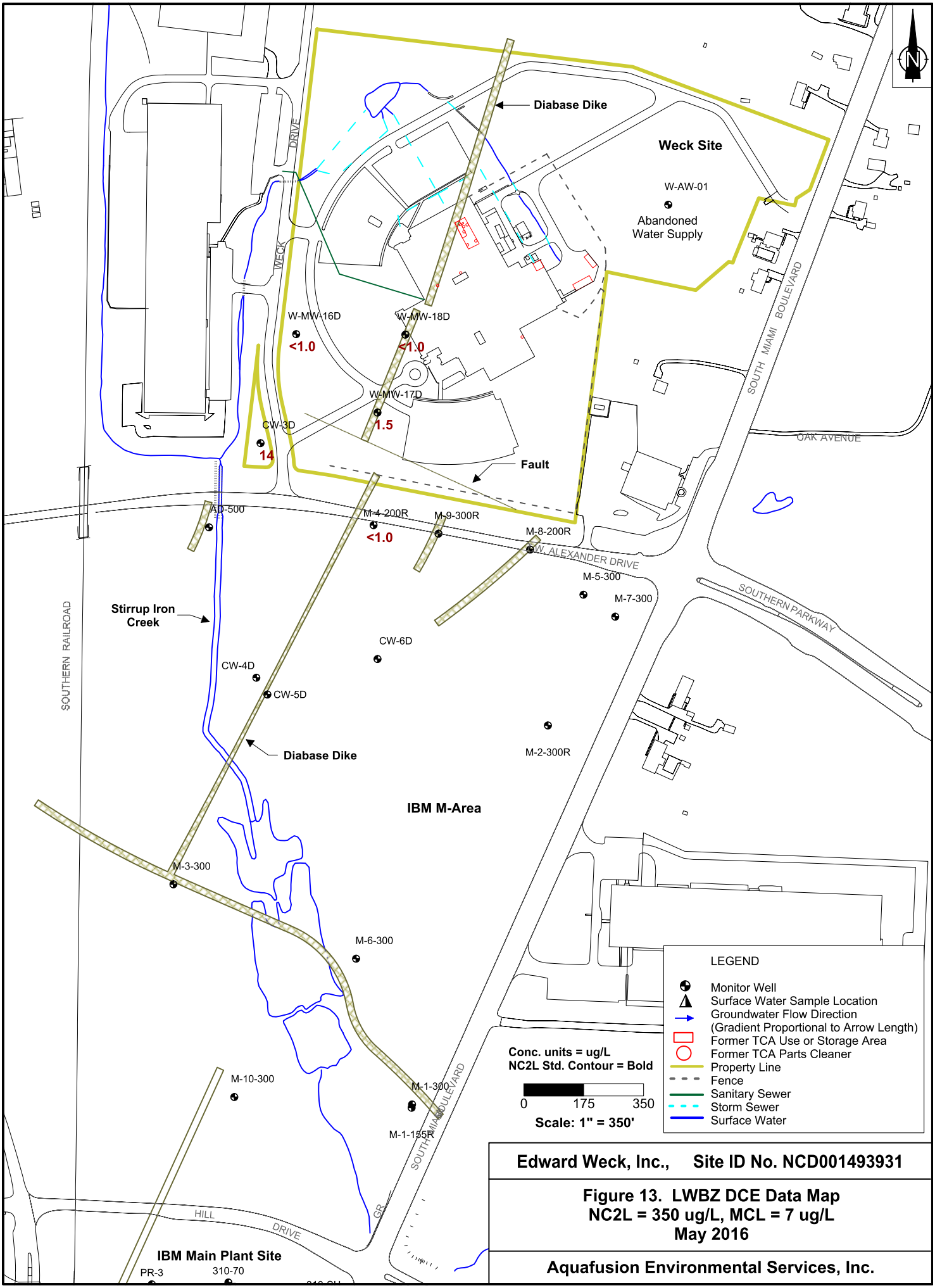
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 12b. UWBZ DCE Isoconcentration Map
NC2L = 350 ug/L (Bold), MCL = 7 ug/L (Bold)
May 2016

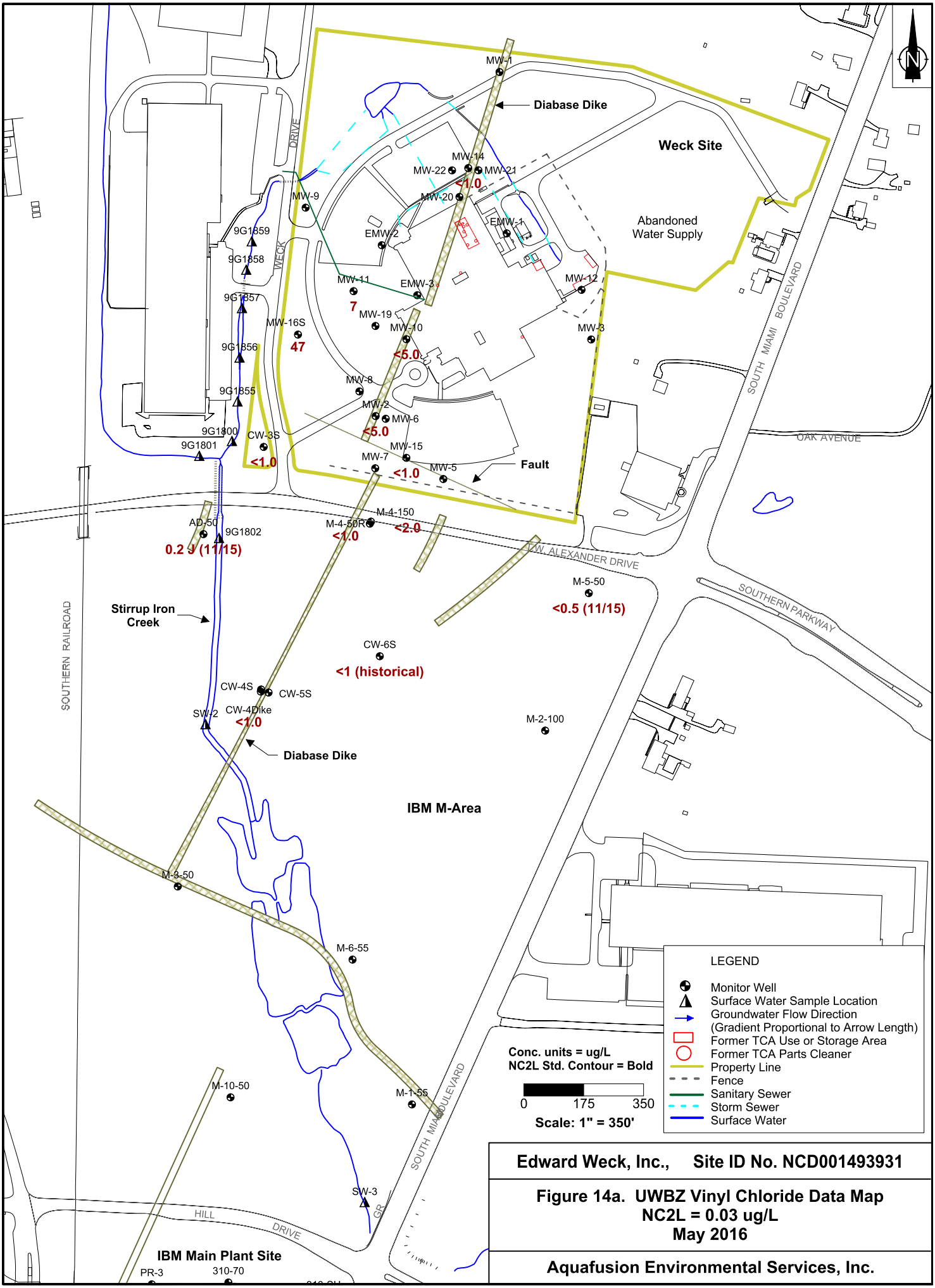
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 13. LWBZ DCE Data Map
NC2L = 350 ug/L, MCL = 7 ug/L
May 2016

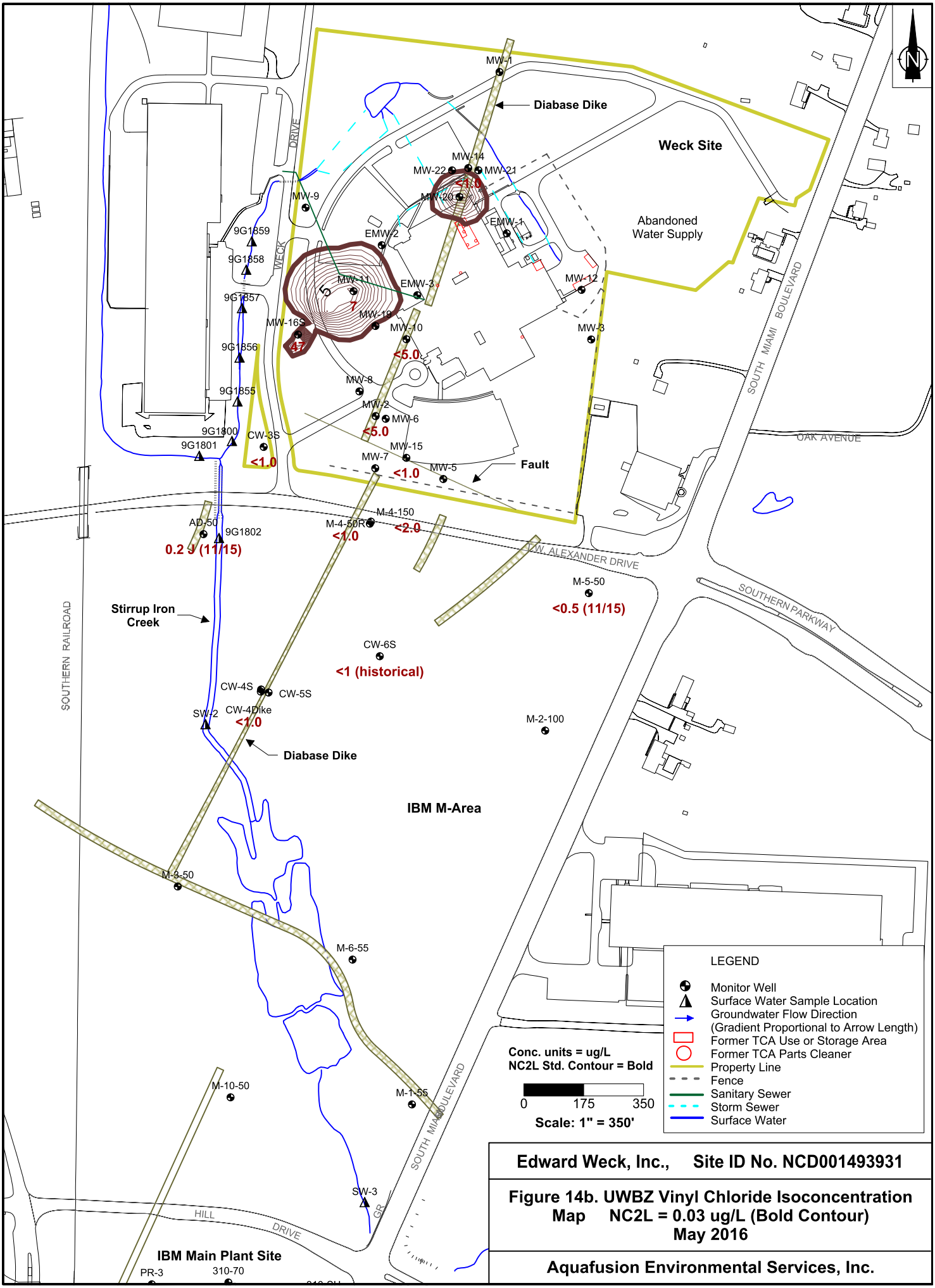
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 14a. UWBZ Vinyl Chloride Data Map
NC2L = 0.03 ug/L
May 2016

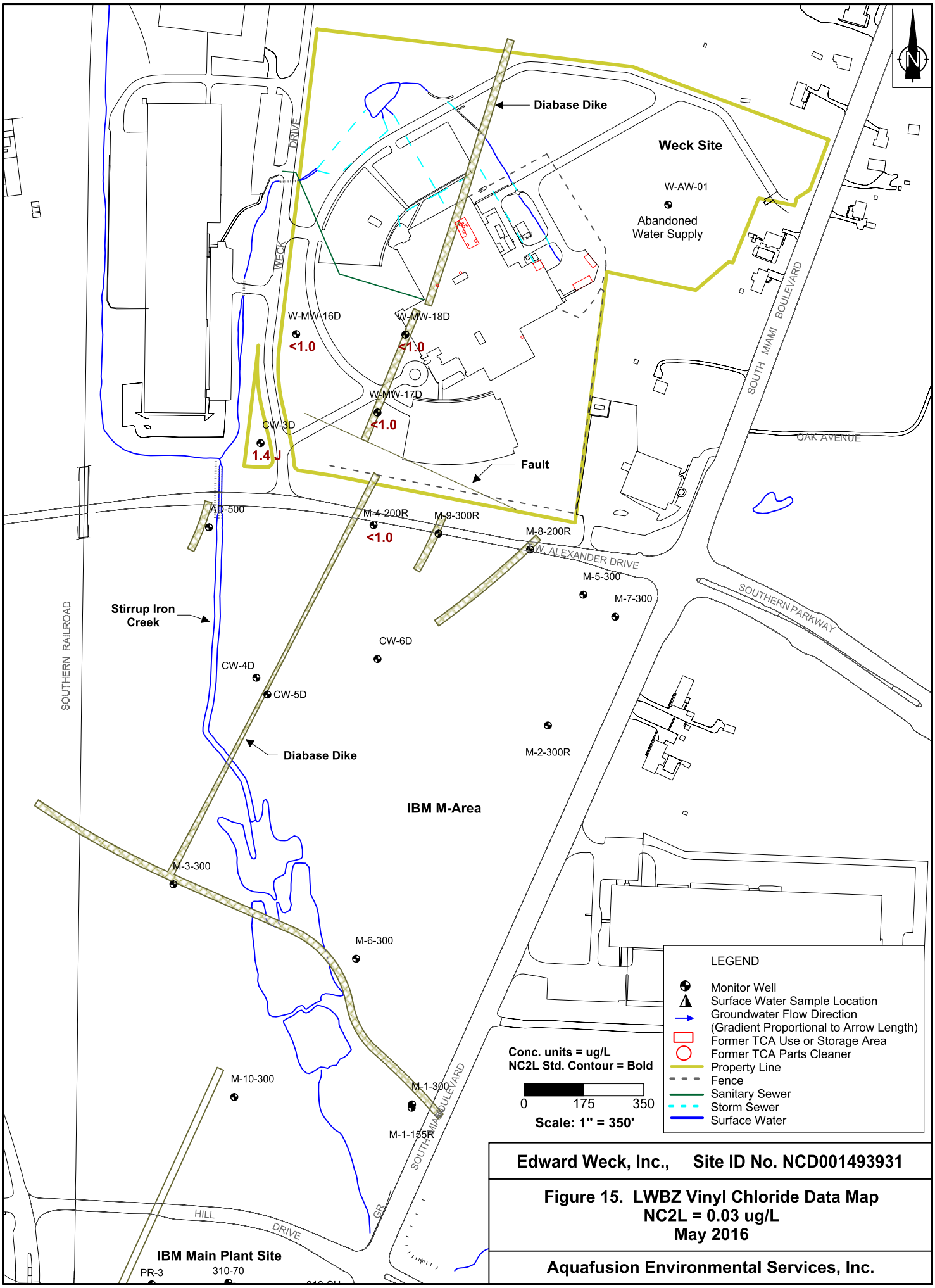
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 14b. UWBZ Vinyl Chloride Isoconcentration Map NC2L = 0.03 ug/L (Bold Contour) May 2016

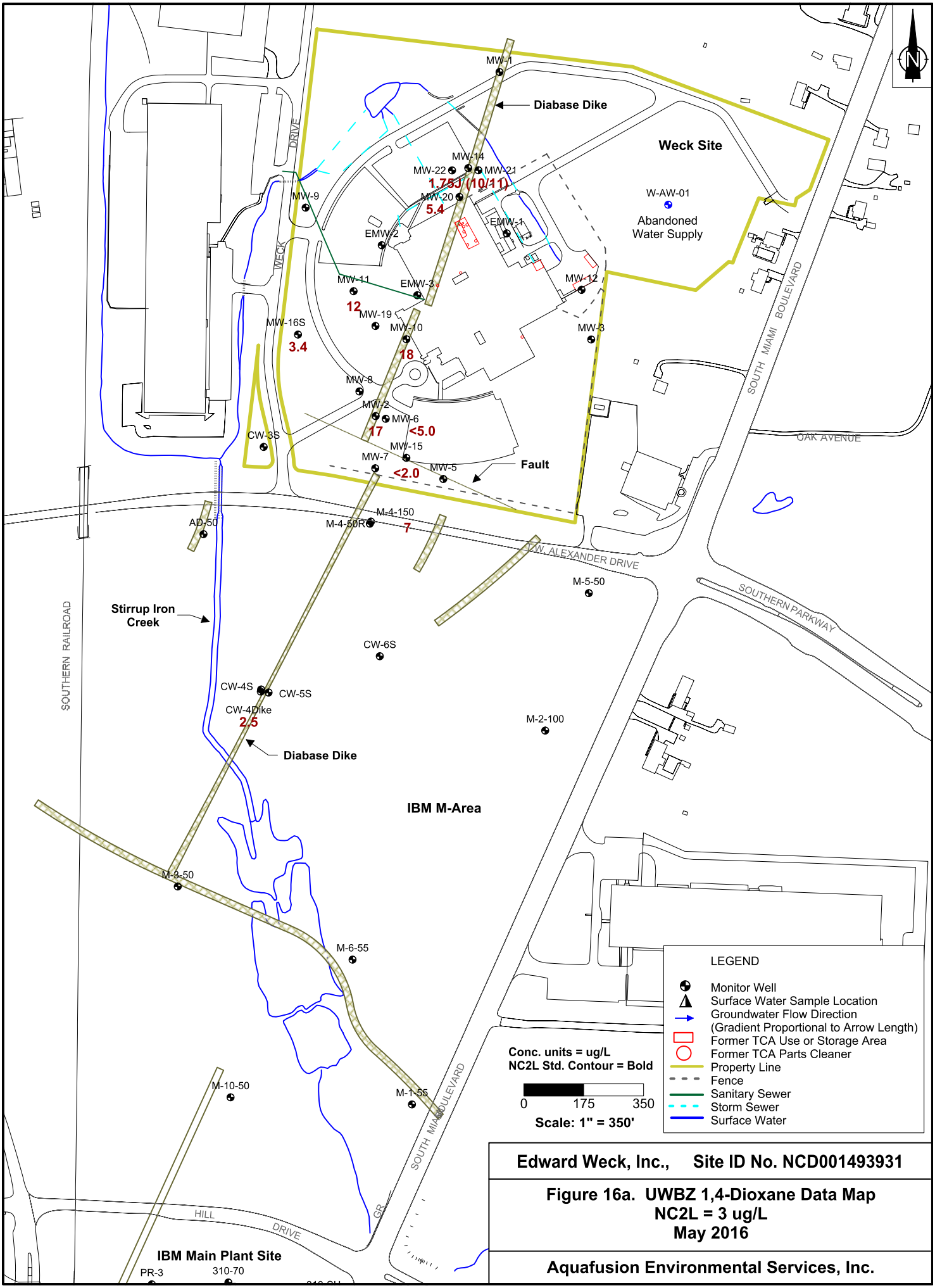
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 15. LWBZ Vinyl Chloride Data Map
NC2L = 0.03 ug/L
May 2016

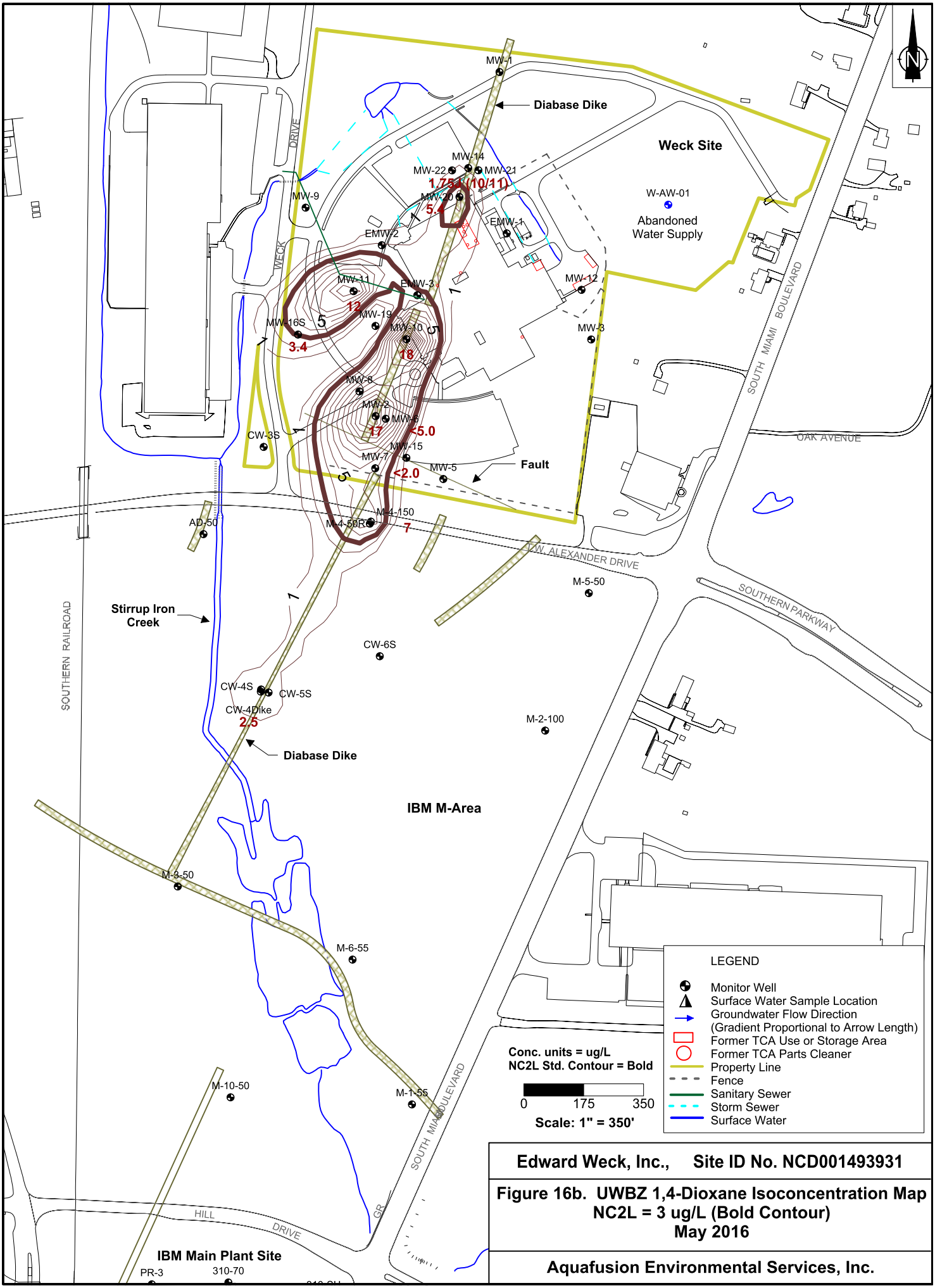
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 16a. UWBZ 1,4-Dioxane Data Map
NC2L = 3 ug/L
May 2016

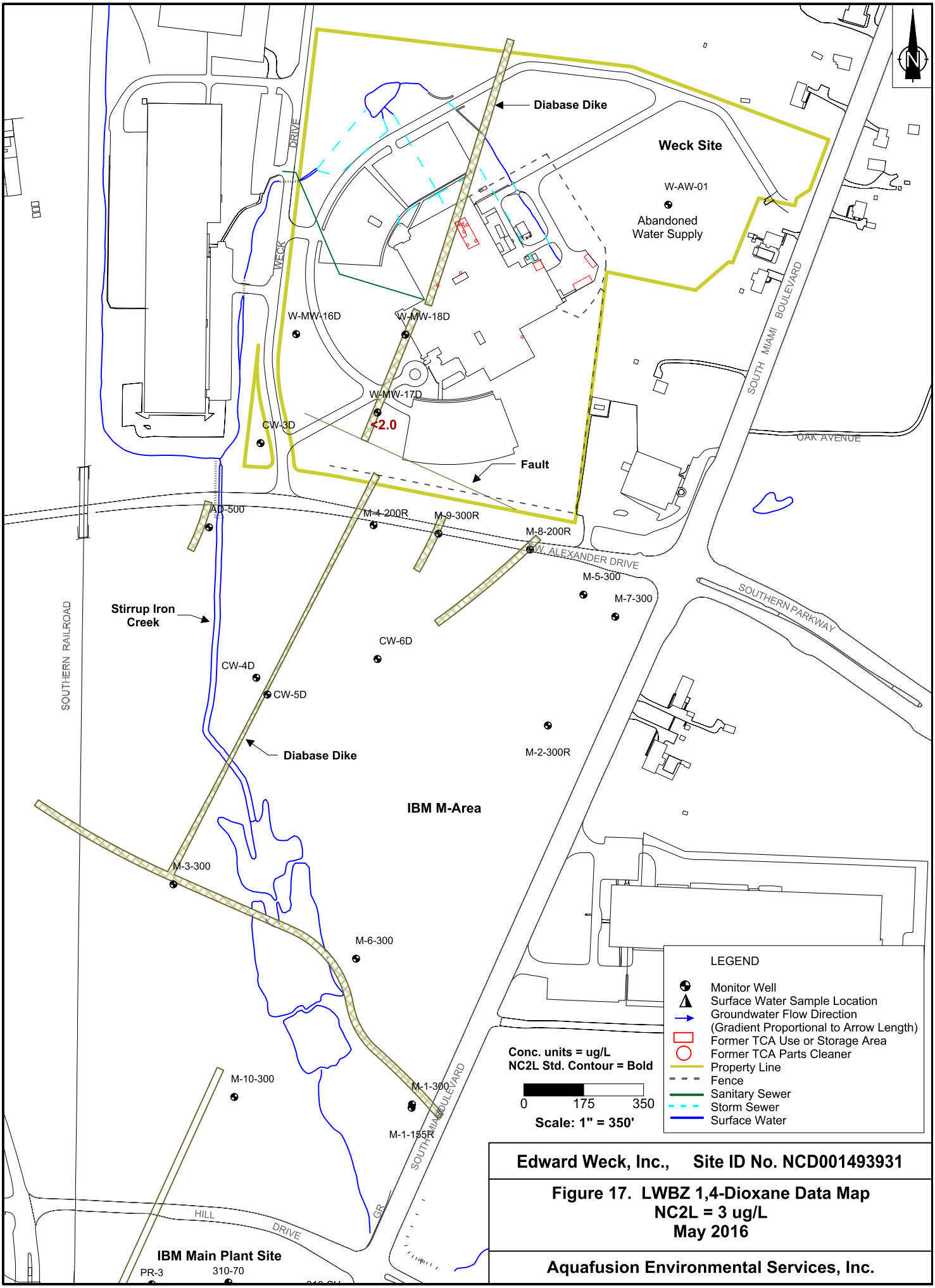
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 16b. UWBZ 1,4-Dioxane Isoconcentration Map
NC2L = 3 ug/L (Bold Contour)
May 2016

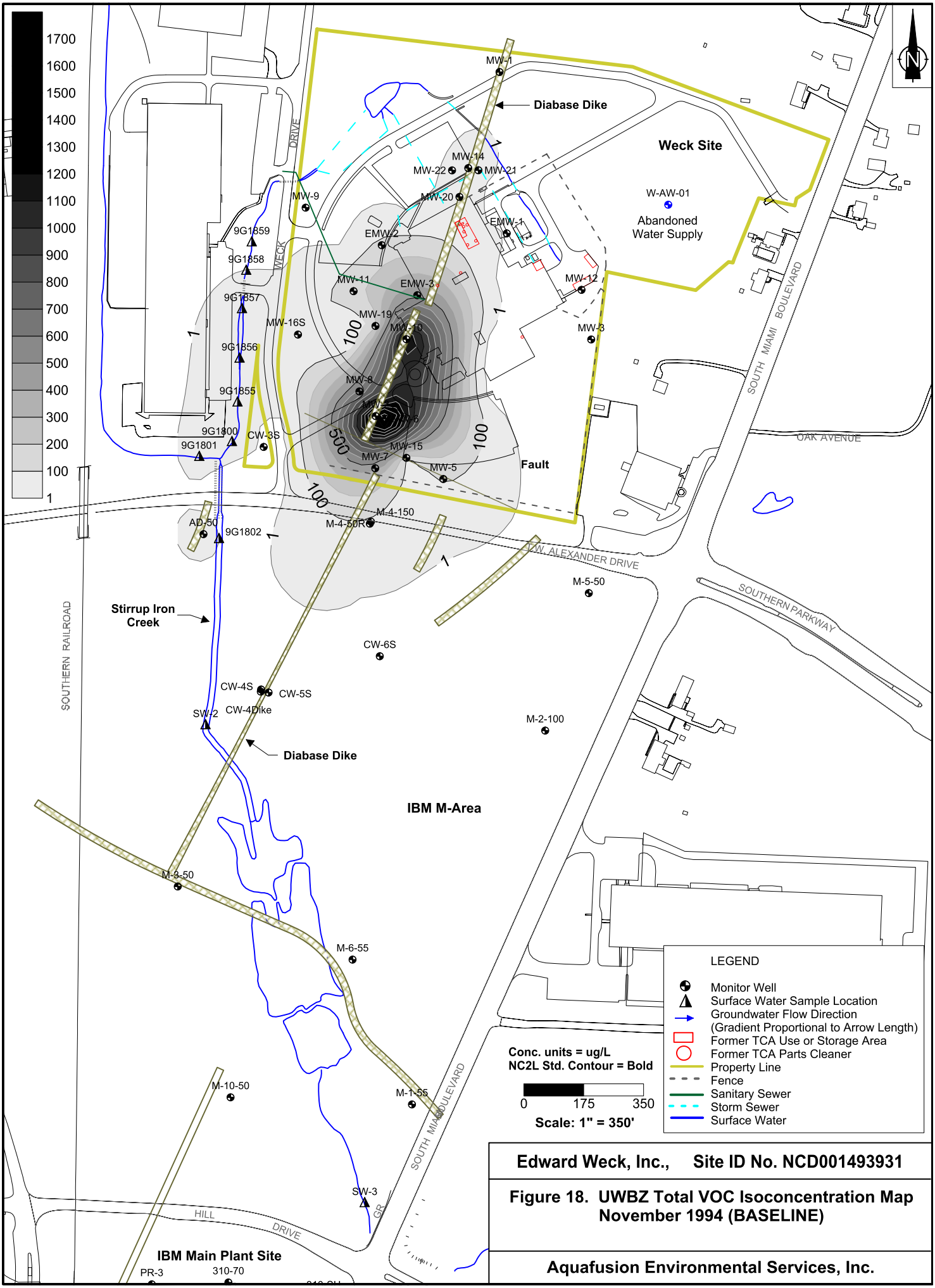
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 17. LWBZ 1,4-Dioxane Data Map
NC2L = 3 ug/L
May 2016

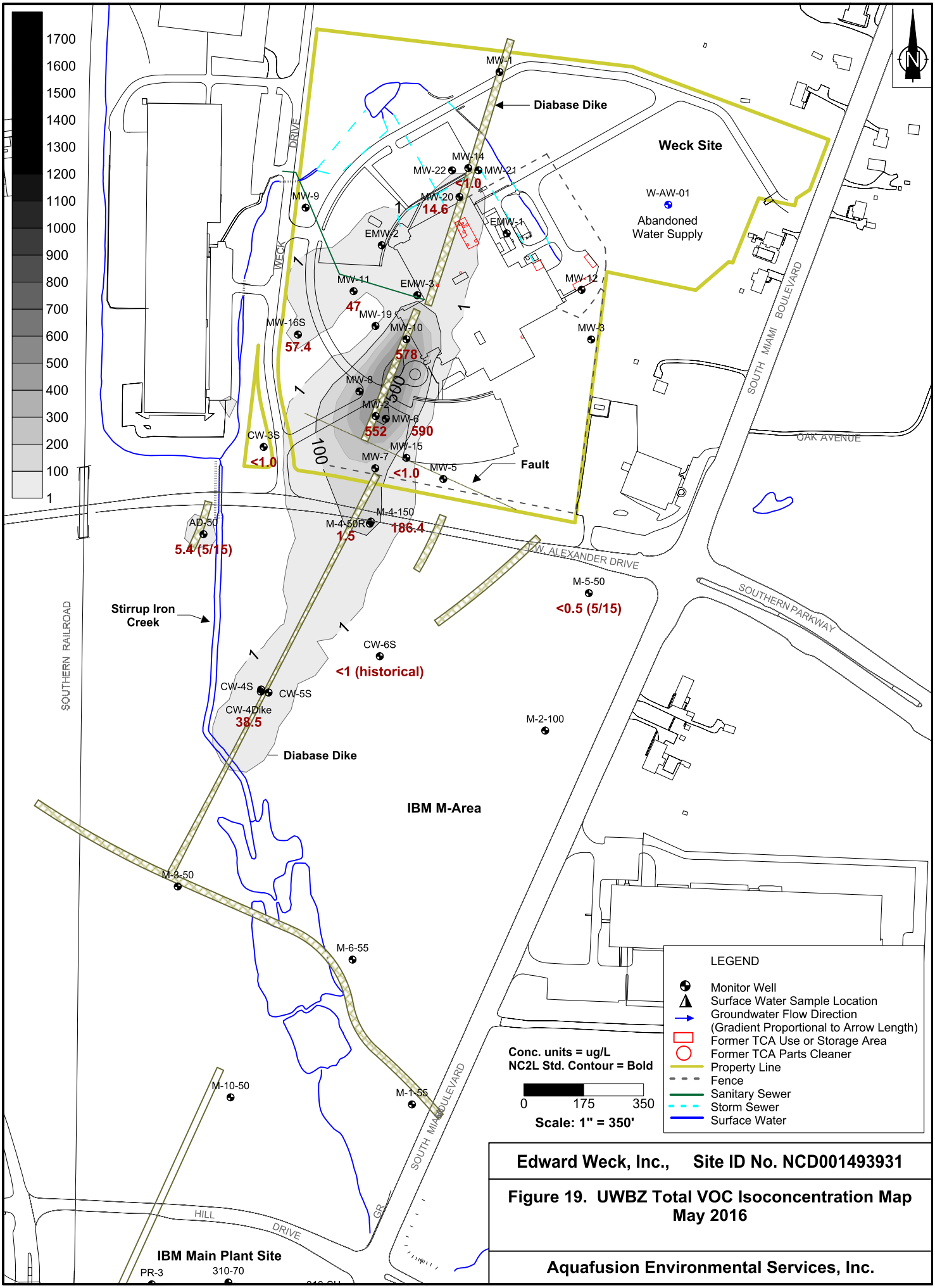
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 18. UWBZ Total VOC Isoconcentration Map November 1994 (BASELINE)

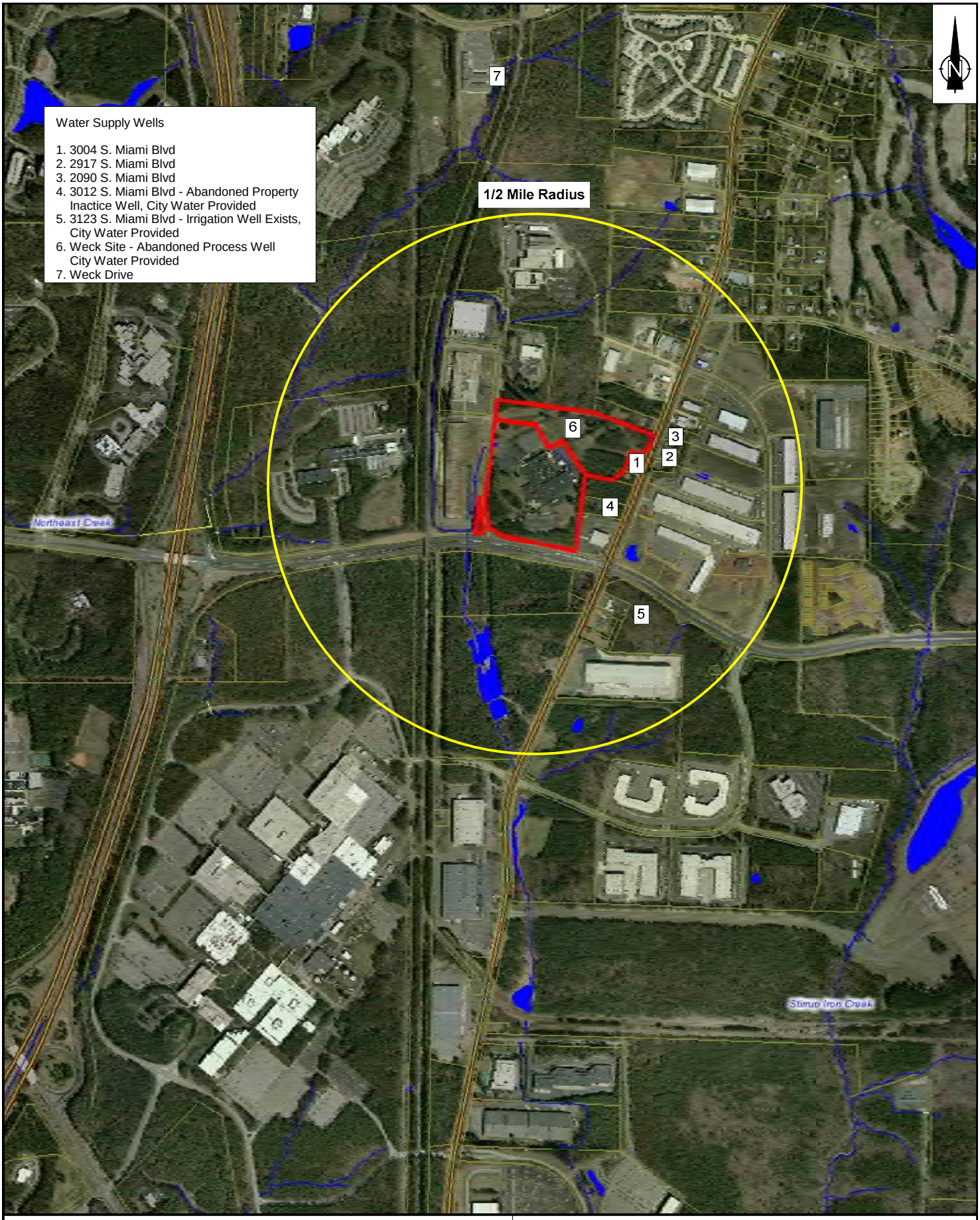
Aquafusion Environmental Services, Inc.



Edward Weck, Inc., Site ID No. NCD001493931

Figure 19. UWBZ Total VOC Isoconcentration Map May 2016

Aquafusion Environmental Services, Inc.



1. Map Source: 2005 Orthophoto, City of Durham and Durham County GIS Mapping Application System.

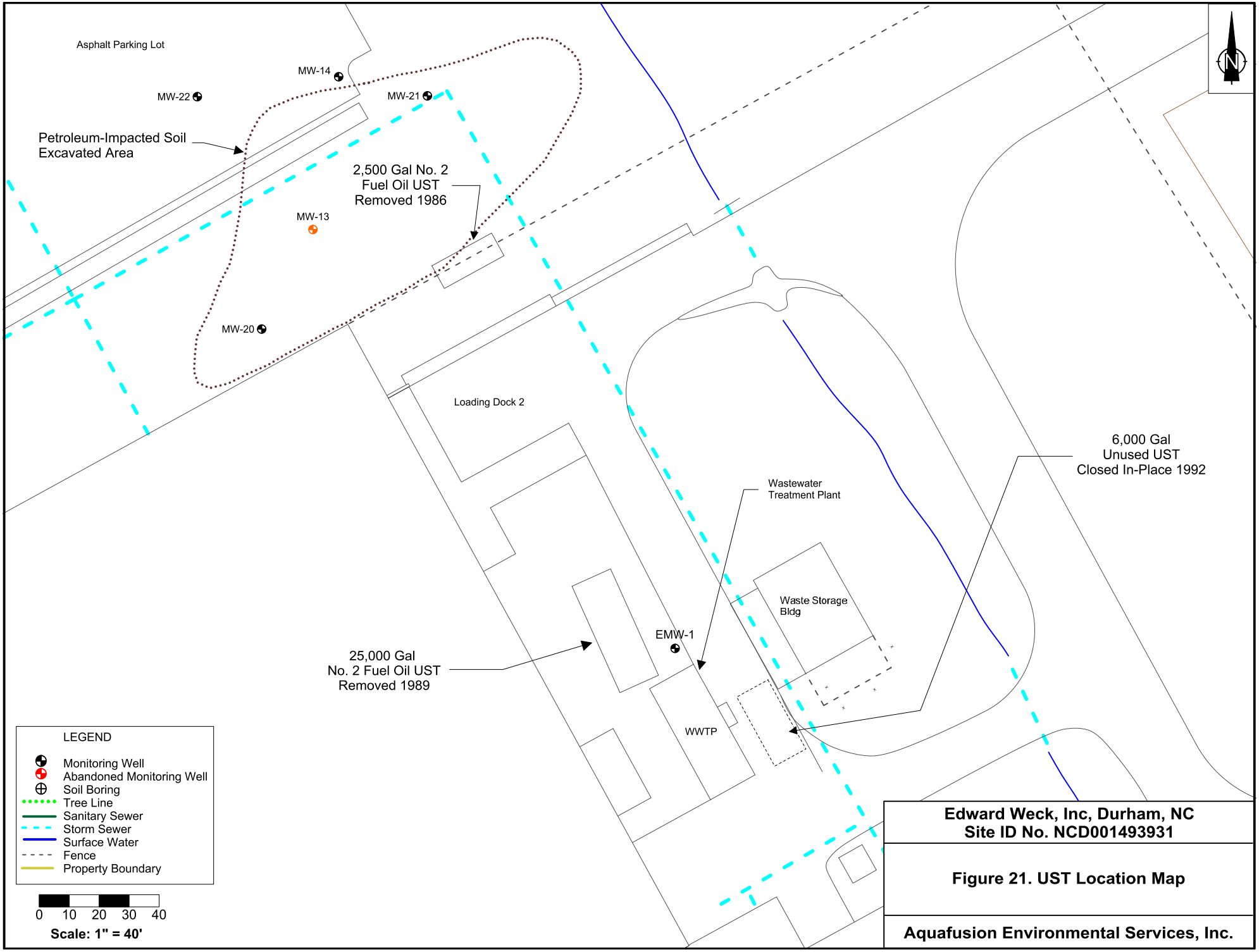
2. Water Use and Well Data From City of Durham Water Department and the Durham County Environmental Health Department.

0 625 1250

Edward Weck, Inc., Site ID No. NCD001493931

Figure 20. Water Supply Wells Within a 1/2-Mile Radius of Weck

Aquafusion Environmental Services, Inc.


Asphalt Parking Lot
MW-14
MW-22
MW-21
Petroleum-Impacted Soil
Excavated Area
2,500 Gal No. 2
Fuel Oil UST
Removed 1986
MW-13
MW-20
Loading Dock 2
6,000 Gal
Unused UST
Closed In-Place 1992
Wastewater
Treatment Plant
Waste Storage
Bldg
EMW-1
25,000 Gal
No. 2 Fuel Oil UST
Removed 1989
WWTP
LEGEND
Monitoring Well
Abandoned Monitoring Well
Soil Boring
Tree Line
Sanitary Sewer
Storm Sewer
Surface Water
Fence
Property Boundary
0 10 20 30 40
Scale: 1" = 40'
Edward Weck, Inc, Durham, NC
Site ID No. NCD001493931
Figure 21. UST Location Map
Aquafusion Environmental Services, Inc.

APPENDIX A

GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-2**	SAMPLE ID: **MW-2**	DATE: **5/2/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 15 – 45	STATIC DEPTH TO WATER (ft TOC): 13.10	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (45 ft – (13.10 ft - 0.0 ft)) X 0.16 gallons/ft = 5.1 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 75 feet) + 0.132 gallons = 0.22 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	PURGING INITIATED AT: 1042	PURGING ENDED AT: 1212	TOTAL VOLUME PURGED (gallons): 8.42

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1042	0	0	0	13.10	14.5							
1111	2.82	2.82	0.10	13.37	14.5							
1127	1.50	4.32	0.09	13.40	14.5	6.51	19.05	1.189	0.33	5.30		85.8
1133	0.40	4.72	0.07	13.40	14.5	6.51	18.51	1.150	0.34	0.94		80.2
1142	0.60	5.32	0.07	13.40	14.5	6.54	19.06	1.137	0.23	0.92		71.9
1145	0.60	5.92	0.20	13.40	14.5	6.60	18.97	1.143	0.29	0.83		65.5
1151	0.60	6.52	0.10	13.40	14.5	6.56	18.76	1.136	0.32	0.80		63.8
1155	0.40	6.92	0.10	13.40	14.5	6.60	19.38	1.138	0.34	0.91		61.9
1201	0.50	7.42	0.08	13.40	14.5	6.63	19.13	1.138	0.36	0.27		59.5
1212	1.00	8.42	0.09	13.40	14.5	6.63	19.81	1.138	0.39	0.21		56.2

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1215	SAMPLING ENDED AT: 1222
PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-2	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	
MW-2	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**RFPP**	
MW-100	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	
MW-100	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**RFPP**	

REMARKS: Water level relatively constant. Pump intake tube elevation maintained at approximately 1 ft below water level.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC

WELL NO: **MW-6**	SAMPLE ID: **MW-6**	DATE: **5/2/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): NA	WELL SCREEN INTERVAL DEPTH (ft bgs): 20 – 55	STATIC DEPTH TO WATER (ft TOC): 13.03	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (55 ft – (13.03 ft - 0.0 ft)) X 0.16 gallons/ft = 6.7 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 50 feet) + 0.132 gallons = 0.19

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	PURGING INITIATED AT: 1328	PURGING ENDED AT: 1455	TOTAL VOLUME PURGED (gallons): 8.69

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (^{O}C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1328	0	0	0	13.03	14.5							
1345	0.69	0.69	0.04	13.42	14.5	6.76	18.01	1.226	0.66	3.02		28.5
1412	3.00	3.69	0.11	13.47	14.5	6.74	19.77	1.226	0.34	2.01		31.3
1423	1.50	5.19	0.14	13.47	14.5	6.74	19.77	1.229	0.38	1.53		34.1
1431	1.00	6.19	0.17	13.48	14.5	6.73	19.97	1.227	0.38	1.21		37.3
1437	0.50	6.69	0.08	13.48	14.5	6.72	19.14	1.225	0.39	1.19		38.0
1441	0.50	7.19	0.13	13.48	14.5	6.72	19.04	1.222	0.40	0.72		39.9
1445	0.50	7.69	0.13	13.48	14.5	6.72	19.04	1.223	0.38	0.71		40.2
1450	0.50	8.19	0.10	13.48	14.5	6.72	18.87	1.220	0.37	0.85		41.4
1455	0.50	8.69	0.10	13.48	14.5	6.72	18.73	1.220	0.39	0.66		42.1

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1500	SAMPLING ENDED AT: 1504
PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-6	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	

REMARKS: Water level stable and geochemistry stable.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-10**	SAMPLE ID: **MW-10**	DATE: **5/2/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 15 – 50	STATIC DEPTH TO WATER (ft TOC): 13.02	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (50 ft – (13.02 ft - 0.0 ft)) X 0.16 gallons/ft = 5.9 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 80 feet) + 0.132 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1641	TOTAL VOLUME PURGED (gallons): 8.73

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1520	0	0	0	13.02	14.5							
1532	1.03	1.03	0.09	13.27	14.5							
1543	1.20	2.23	0.11	13.30	14.5	6.62	20.55	1.158	0.36	0.66		100.3
1553	1.00	3.23	0.10	13.30	14.5	6.65	21.12	1.158	0.35	0.78		94.6
1604	1.00	4.23	0.09	13.29	14.5	6.66	21.50	1.173	0.44	0.56		87.5
1613	1.00	5.23	0.11	13.29	14.5	6.63	21.17	1.167	0.41	0.88		89.4
1620	1.00	6.23	0.14	13.30	14.5	6.63	21.10	1.164	0.41	0.42		87.6
1629	1.00	7.23	0.11	13.30	14.5	6.61	20.30	1.163	0.45	0.41		88.1
1634	0.50	7.73	0.10	13.30	14.5	6.61	20.29	1.165	0.46	0.35		88.1
1639	0.50	8.23	0.10	13.30	14.5	6.61	20.11	1.165	0.43	0.37		89.1
1641	0.50	8.73	0.25	13.30	14.5	6.61	19.81	1.164	0.46	0.41		88.6

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1650	SAMPLING ENDED AT: 1654
PUMP OR TUBING DEPTH IN WELL (ft TOC): 14.5	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	
MW-10	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**RFPP**	

REMARKS: Water level stable. Made small adjustments to pumping rate. Pump intake tube elevation maintained at approximately 1 - 1.5 ft below water level.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-11**	SAMPLE ID: **MW-11**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 15 – 40	STATIC DEPTH TO WATER (ft TOC): 15.27	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (40 ft – (15.27 ft - 0.0 ft)) X 0.16 gallons/ft = 4.0 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 80 feet) + 0.132 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 16.5	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 16.5	PURGING INITIATED AT: 1155	PURGING ENDED AT: 1315	TOTAL VOLUME PURGED (gallons): 6.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1155	0	0	0	15.27	16.5							
1211	0.98	0.98	0.06	15.35	16.5							
1214	0.25	1.23	0.08	15.38	16.5	5.53	19.67	1.242	0.37	0.29		132.8
1235	2.00	3.23	0.10	15.42	16.5	Cal	20.01	1.260	0.40	0.45		22.5
1241	1.50	3.73	0.25	15.42	16.5	Failure	20.37	1.254	0.39	0.38		28.0
1248	0.50	4.23	0.07	15.42	16.5		20.67	1.257	0.43	0.18		27.7
1253	0.50	4.73	0.10	15.42	16.5		20.69	1.263	0.45	0.34		30.3
1256	0.25	4.98	0.08	15.42	16.5		20.95	1.263	0.44	0.27		31.3
1259	0.25	5.23	0.08	15.43	16.5		21.15	1.262	0.43	0.33		31.7
1306	0.75	5.98	0.11	15.43	16.5		20.04	1.265	0.44	0.39		36.6
1309	0.25	6.23	0.08	15.43	16.5		20.12	1.265	0.45	0.35		37.5
1315	0.50	6.73	0.08	15.43	16.5		21.06	1.264	0.43	0.41		37.8

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1320	SAMPLING ENDED AT: 1324
PUMP OR TUBING DEPTH IN WELL (ft TOC): 16.5	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-11	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	
MW-11	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**RFPP**	

REMARKS: Water level stable. Made small adjustments to pumping rate. Pump intake tube elevation maintained at approximately 1.0 ft below water level. pH probe appeared to not function properly. Recalibrated after purging MW-11.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-14**	SAMPLE ID: **MW-14**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 15 – 30	STATIC DEPTH TO WATER (ft TOC): 8.39	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft))) X WELL CAPACITY
(only fill out if applicable)
= (30 ft – (8.39 ft - 0.0 ft)) X 0.16 gallons/ft = 3.5 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 45 feet) + 0.132 gallons = 0.19 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 9.5	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 10.0	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1439	TOTAL VOLUME PURGED (gallons): 5.69

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1345	0	0	0	8.39	9.5							
1358	1.19	1.19	0.09	9.10	10.0							
1420	2.50	3.69	0.11	9.10	10.0	6.75	20.09	1.516	0.46	0.22		67.0
1425	0.50	4.19	0.10	9.10	10.0	6.75	19.86	1.516	0.49	0.55		66.2
1430	0.50	4.69	0.10	9.10	10.0	6.75	91.93	1.518	0.48	0.43		66.3
1433	0.25	4.94	0.08	9.10	10.0	6.75	19.95	1.510	0.46	0.38		55.8
1435	0.25	5.19	0.13	9.10	10.0	6.75	19.96	1.510	0.48	0.20		65.8
1437	0.25	5.44	0.13	9.10	10.0	6.75	20.09	1.510	0.47	0.28		65.5
1439	0.25	5.69	0.13	9.00	10.0	6.74	19.74	1.510	0.46	0.26		65.8

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1449
PUMP OR TUBING DEPTH IN WELL (ft TOC): 10.5	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-14	2	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	

REMARKS: Water level stable. Pump intake tube elevation maintained at approximately 1.0 ft below water level.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-15**	SAMPLE ID: **MW-15**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): NA	WELL SCREEN INTERVAL DEPTH (ft bgs): 20 – 50	STATIC DEPTH TO WATER (ft TOC): 16.86	PURGE PUMP TYPE OR BAILER: **B**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (50 ft – (16.86 ft - 0.0 ft)) X 0.16 gallons/ft = 5.3 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 0 feet) + 0.0 gallons = NA, Bailer used

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	PURGING INITIATED AT: 1037	PURGING ENDED AT: 1105	TOTAL VOLUME PURGED (gallons): 15.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1037	0	0		16.86								
1105	15.0	15.0	0.54	dry								

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1230	SAMPLING ENDED AT: 1235
PUMP OR TUBING DEPTH IN WELL (ft TOC): NA, Bailer	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING/BAILER Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-15	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**B**	
MW-15	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**B**	

REMARKS: Years of historical data indicated three well volumes are sufficient to purge well. MW-15 recharge rate is very low, water level drops to below head capacity of a peristaltic pump - bailer used to purge.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-16S**	SAMPLE ID: **MW-16S**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 15 – 50	STATIC DEPTH TO WATER (ft TOC): 16.37	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (50 ft – (16.37 ft - 0.0 ft)) X 0.16 gallons/ft = 5.4 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 80 feet) + 0.132 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 17.5	PURGING INITIATED AT: 0841	PURGING ENDED AT: 1006	TOTAL VOLUME PURGED (gallons): 8.73

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
0841	0	0	0	16.37	17.5							
0853	0.83	0.83	0.07	16.45	17.5							
0859	0.60	1.43	0.10	16.48	17.5							
0919	1.80	3.23	0.09	16.48	17.5	5.21	16.96	1.724	0.48	5.82		197.1
0931	1.00	4.23	0.08	16.48	17.5	5.12	16.91	1.707	0.33	5.51		163.7
0938	1.00	5.23	0.14	16.48	17.5	5.09	16.85	1.683	0.48	5.32		154.3
0941	0.50	5.73	0.17	16.48	17.5	5.42	16.87	1.669	0.49	4.40		130.6
0948	0.50	6.23	0.07	16.48	17.5	5.61	16.88	1.634	0.52	3.92		111.1
0953	0.50	6.73	0.10	16.48	17.5	5.55	16.89	1.587	0.55	3.35		110.6
0958	0.50	7.23	0.10	16.48	17.5	5.43	16.96	1.540	0.50	2.34		105.8
1004	0.50	7.73	0.08	16.48	17.5	5.45	16.94	1.504	0.52	2.26		105.8
1010	0.50	8.23	0.08	16.48	17.5	5.35	16.95	1.501	0.51	2.18		110.2
1015	0.50	8.73	0.10	16.48	17.5	5.35	16.94	1.501	0.48	1.97		110.5

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1019
PUMP OR TUBING DEPTH IN WELL (ft TOC): 17.5	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-16S	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	
MW-16S	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**RFPP**	

REMARKS: Water level stable. Made small adjustments to pumping rate. Pump intake tube elevation maintained at approximately 1.0 ft below water level.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-16D**	SAMPLE ID: **MW-16D**	DATE: **5/3/16**

PURGING DATA (Low Flow Purge Method Used)

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 125 – 145	STATIC DEPTH TO WATER (ft TOC): 10.27	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (145 ft – (10.27 ft - 0.0 ft)) X 0.16 gallons/ft = 21.6 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 145 feet) + 0.132 gallons = 0.31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 135	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 135	PURGING INITIATED AT: 1024	PURGING ENDED AT: 1123	TOTAL VOLUME PURGED (gallons): 2.71

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1024	0	0	0	10.27	135							
1111	2.11	2.11	0.04	10.43	135	6.25	17.15	0.668	0.31	0.24		103.0
1115	0.10	2.31	0.03	10.40	135	6.22	17.06	0.667	0.27	0.20		115.1
1117	0.20	2.51	0.06	10.40	135	6.20	17.17	0.665	0.27	0.20		117.2
1120	0.10	2.61	0.03	10.40	135	6.20	17.22	0.665	0.31	0.12		122.5
1123	0.10	2.71	0.03	10.40	135	6.20	17.17	0.665	0.22	0.19		120.7

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1130	SAMPLING ENDED AT: 1134
PUMP OR TUBING DEPTH IN WELL (ft TOC): 135	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-16D	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	

REMARKS: Because of large purge volume, used low flow purge method. Placed intake tube at mid-screen (135 ft bgs).
Water level stable.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-17**	SAMPLE ID: **MW-17**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): NA	WELL SCREEN INTERVAL DEPTH (ft bgs): 100 – 120	STATIC DEPTH TO WATER (ft TOC): 30.61	PURGE PUMP TYPE OR BAILER: **B**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (120 ft – (30.61 ft - 0.0 ft)) X 0.16 gallons/ft = 14.3 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.00574 gallons/foot X 0 feet) + 0 gallons = NA, Bailer used

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	PURGING INITIATED AT: 1228	PURGING ENDED AT: 1318	TOTAL VOLUME PURGED (gallons): 30.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1228	0	0	0	30.61	NA							
1305	25	25	0.68			7.30	18.01	0.799	1.40	3.93		19.2
1313	3	28	0.38			7.23	17.92	0.780	1.59	4.17		-6.4
1315	1	29	0.50			7.21	17.95	0.776	1.60	5.25		-14.8
1318	1	30	0.33	30.94		7.22	17.95	0.776	1.70	6.88		-19.0

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1325	SAMPLING ENDED AT: 1330
PUMP OR TUBING DEPTH IN WELL (ft TOC): NA, Bailer used	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-17	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**B**	
MW-17	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**B**	

REMARKS: Purged and sampled with bailer. Years of historical data indicate that two to three well volumes are sufficient to purge well.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-18**	SAMPLE ID: **MW-18**	DATE: **5/2/16**

PURGING DATA (Low Flow Purge Method Used)

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 90 – 110	STATIC DEPTH TO WATER (ft TOC): 15.43	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (110 ft – (15.43 ft - 0.0 ft)) X 0.16 gallons/ft = 15.1 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 110 feet) + 0.132 gallons = 0.26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 100.0	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 100.0	PURGING INITIATED AT: 1651	PURGING ENDED AT: 1753	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1651	0	0	0	15.43	100							
1703	0.26	0.26	0.02	15.48	100							
1722	0.14	0.40	0.01	15.48	100	6.83	18.88	1.094	0.68	1.07		95.9
1737	1.19	1.59	0.08	15.48	100	6.82	18.87	1.099	0.58	1.41		91.5
1742	0.07	1.66	0.01	1547	100	6.81	18.79	1.102	0.47	1.16		87.4
1745	0.11	1.77	0.04	15.46	100	6.82	18.84	1.102	0.48	1.19		85.7
1750	0.13	1.90	0.03	15.45	100	6.82	19.02	1.101	0.56	1.13		81.8
1753	0.08	1.98	0.03	15.46	100	6.82	19.05	1.102	0.50	1.16		80.5

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1755	SAMPLING ENDED AT: 1759
PUMP OR TUBING DEPTH IN WELL (ft TOC): 100.0	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-18	2	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	

REMARKS: Because of large purge volume, used low flow purge method. Placed intake tube at mid-screen (100 ft bgs).
Water level stable.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **MW-20**	SAMPLE ID: **MW-20**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): NA	WELL SCREEN INTERVAL DEPTH (ft bgs): 15 – 25	STATIC DEPTH TO WATER (ft TOC): 10.08	PURGE PUMP TYPE OR BAILER: **B**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (25 ft – (10.08 ft - 0.0 ft)) X 0.16 gallons/ft = 2.38 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 0 feet) + 0 gallons = NA, Bailer used

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	PURGING INITIATED AT: 1405	PURGING ENDED AT: 1419	TOTAL VOLUME PURGED (gallons): 8.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1405	0	0	0	10.08	NA							
1419	8.5	8.5	0.61	dry								

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1455	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (ft TOC): NA, Bailer used	TUBING/BAILER MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-20	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**B**	
MW-20	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**B**	

REMARKS: Because of very slow recovery, well purged with bailer. Purged dry. Allowed sufficient recovery to sample.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **CW-3S**	SAMPLE ID: **CW-3S**	DATE: **5/3/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): NA	WELL SCREEN INTERVAL DEPTH (ft bgs): 40 – 50	STATIC DEPTH TO WATER (ft TOC): 14.80	PURGE PUMP TYPE OR BAILER: **B**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (50 ft – (14.80 ft - 2.91 ft)) X 0.16 gallons/ft = 6.1 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 0 feet) + 0.0 gallons = NA, Bailer used

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): NA	PURGING INITIATED AT: 1546	PURGING ENDED AT: 1606	TOTAL VOLUME PURGED (gallons): 8.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1546	0	0	0	14.80	NA							
1606	8.8	8.8	0.44	dry								

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1945	SAMPLING ENDED AT: 1949
PUMP OR TUBING DEPTH IN WELL (ft TOC): NA, Bailer used	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW-3S	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**B**	

REMARKS: Low yield well, purged dry, allowed recovery sufficient to sample.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **CW-3D**	SAMPLE ID: **CW-3D**	DATE: **5/3/16**

PURGING DATA (Low Flow Purge Method Used)

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 110 – 120	STATIC DEPTH TO WATER (ft TOC): 14.81	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (120 ft – (14.81 ft - 2.27 ft)) X 0.16 gallons/ft = 17.2 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 125 feet) + 0.132 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 117.0	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 117.0	PURGING INITIATED AT: 1529	PURGING ENDED AT: 1619	TOTAL VOLUME PURGED (gallons): 1.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1529	0	0	0	14.81	117							
1544	0.49	0.49	0.03	16.90	117	7.84	18.82	1.508	0.82	4.29		52.4
1608	0.85	1.34	0.04	21.81	117	7.29	18.78	1.423	0.47	2.59		55.9
1610	0.13	1.47	0.07	22.38	117	7.38	18.80	1.423	0.44	2.50		51.2
1614	0.13	1.60	0.03	22.67	117	7.32	18.76	1.424	0.46	2.46		53.3
1619	0.03	1.63	0.01	22.85	117	7.32	18.71	1.424	0.45	2.21		52.4

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT: 1625	SAMPLING ENDED AT: 1629
PUMP OR TUBING DEPTH IN WELL (ft TOC): 117.0	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW-3D	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	

REMARKS: Because of large purge volume used low flow purge method. Placed intake tube at mid-screen (117 ft bgs).
Low yield well, water level exhibited slight decline even with low flow purge rate.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK, INC.	SITE LOCATION: 2917 Weck Drive, Durham, NC

WELL NO: **CW-4DIKE**	SAMPLE ID: **CW-4DIKE**	DATE: **5/3/16**

PURGING DATA (Low Flow Purge Method Used)

WELL DIAMETER (inches): 2	TUBING DIAMETER (in): 0.17 ID	WELL SCREEN INTERVAL DEPTH (ft bgs): 65 – 75	STATIC DEPTH TO WATER (ft TOC): 5.30	PURGE PUMP TYPE OR BAILER: **PP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft)) X WELL CAPACITY
(only fill out if applicable)
= (75 ft – (5.30 ft - 2.25 ft)) X 0.16 gallons/ft = 11.5 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= 0 gallons + (0.0012 gallons/foot X 90 feet) + 0.132 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 72.0	FINAL PUMP OR TUBING DEPTH IN WELL (ft TOC): 72.0	PURGING INITIATED AT: 1710	PURGING ENDED AT: 1755	TOTAL VOLUME PURGED (gallons): 1.96

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	PUMP/ TUBE DEPTH (ft TOC)	pH (SU)	TEMP. (°C)	COND. (mS/cm)	DO (mg/L)	TURBID (NTUs)	TDS (g/L)	ORP (mV)
1702	0	0	0	5.30	72							
1719	0.50	0.50	0.03	5.32	72	6.77	17.85	1.063	1.00	0.86		135.0
1723	0.20	0.70	0.05	5.32	72	6.81	17.62	1.074	0.81	0.62		129.3
1730	0.07	0.77	0.01	5.32	72	6.82	17.40	1.075	0.67	0.79		123.2
1743	0.53	1.30	0.04	5.35	72	6.82	16.39	1.072	0.40	1.01		91.1
1748	0.13	1.43	0.03	5.35	72	6.82	16.43	1.071	0.36	1.12		90.7
1755	0.53	1.96	0.08	5.35	72	6.83	16.38	1.073	0.30	0.97		81.4

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Aquafusion Environmental Services, Inc.	SAMPLER(S) SIGNATURE(S): *Jan J. Smith*	SAMPLING INITIATED AT:1800	SAMPLING ENDED AT: 1806
PUMP OR TUBING DEPTH IN WELL (ft TOC): 72.0	TUBING MATERIAL CODE: **PE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y (N (replaced)) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
CW-4Dike	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	**RFPP**	
CW-4Dike	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	**RFPP**	

REMARKS: Because of large purge volume used low flow purge method. Placed pump intake at screen midpoint, 70 ft bgs (72 ft bTOC). Adjusted pumping rate to maintain a stable water level.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK SITE	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **M-4-50R**	SAMPLE ID: **M-4-50R (Sampled by IBM)**	DATE: **5/2/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in):	WELL SCREEN INTERVAL DEPTH (ft bgs): 50 – 60	STATIC DEPTH TO WATER (ft TOC): 20.23	PURGE PUMP TYPE OR BAILER: **ESP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft))) X WELL CAPACITY
(only fill out if applicable)
= (60 ft – (20.23 ft - 2.00 ft)) X gallons/ft = 6.7 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= gallons + (gallons/foot X 60+ feet) + 0.132 gallons = Unknown, IBM collected sample

INITIAL PUMP OR TUBING DEPTH IN WELL (ft bgs):	FINAL PUMP OR TUBING DEPTH IN WELL (ft bgs):	PURGING INITIATED AT: IBM	PURGING ENDED AT: IBM	TOTAL VOLUME PURGED (gallons): 22

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	pH (SU)	TEMP. (^{O}C)	COND. (umhos/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	TDS (g/L)	ORP (mV)
		22	2	20.23	6.52	16.9	1930		1.40		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: IBM	SAMPLER(S) SIGNATURE(S): IBM	SAMPLING INITIATED AT: 1628	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING/BAILER MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
M-4-50R	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK SITE	SITE LOCATION: 2917 Weck Drive, Durham, NC	
WELL NO: **M-4-150**	SAMPLE ID: **M-4-150 (Sampled by IBM)**	DATE: **5/2/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in):	WELL SCREEN INTERVAL DEPTH (ft bgs): 70 – 80	STATIC DEPTH TO WATER (ft TOC): 21.80	PURGE PUMP TYPE OR BAILER: **ESP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft))) X WELL CAPACITY
(only fill out if applicable)
= (80 ft – (21.80 ft - 2.00 ft)) X gallons/ft = 9.6 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= gallons + (gallons/foot X 87 feet) + 0.132 gallons = Unknown, IBM collected sample

INITIAL PUMP OR TUBING DEPTH IN WELL (ft bgs):	FINAL PUMP OR TUBING DEPTH IN WELL (ft bgs):	PURGING INITIATED AT: IBM	PURGING ENDED AT: IBM	TOTAL VOLUME PURGED (gallons): 30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	pH (SU)	TEMP. (^{O}C)	COND. (umhos/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	TDS (g/L)	ORP (mV)
		30	2	21.80	6.71	17.1	990		0.60		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: IBM	SAMPLER(S) SIGNATURE(S): IBM	SAMPLING INITIATED AT: 1649	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING/BAILER MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
M-4-150	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	ESP	
M-4-150	3	CG	40	HCl	0, Lab-preserved		1,4dioxane/8260	ESP	

REMARKS:

.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

GROUNDWATER SAMPLING LOG

SITE NAME: EDWARD WECK SITE	SITE LOCATION: 2917 Weck Drive, Durham, NC

WELL NO: **M-4-200R**	SAMPLE ID: **M-4-200R (Sampled by IBM)**	DATE: **5/2/16**

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (in):	WELL SCREEN INTERVAL DEPTH (ft bgs): 190 – 200	STATIC DEPTH TO WATER (ft TOC): 23.02	PURGE PUMP TYPE OR BAILER: **ESP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (ft bgs) – (STATIC DEPTH TO WATER (ft TOC) - STICKUP (ft))) X WELL CAPACITY
(only fill out if applicable)
= (200 ft – (23.02 ft - 2.00 ft)) X gallons/ft = 28.6 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (500 mL, 0.132 gal)
(only fill out if applicable)
= gallons + (gallons/foot X 207 feet) + 0.132 gallons = Unknown, IBM collected sample

INITIAL PUMP OR TUBING DEPTH IN WELL (ft bgs):	FINAL PUMP OR TUBING DEPTH IN WELL (ft bgs):	PURGING INITIATED AT: IBM	PURGING ENDED AT: IBM	TOTAL VOLUME PURGED (gallons): 35

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (ft TOC)	pH (SU)	TEMP. (^{O}C)	COND. (umhos/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	TDS (g/L)	ORP (mV)
		35	1	23.02	7.80	18.7	740		29.30		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: IBM	SAMPLER(S) SIGNATURE(S): IBM	SAMPLING INITIATED AT: 0700	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING/BAILER MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
M-4-200R	3	CG	40	HCl	0, Lab-preserved		VOCs/8260	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.1 units, **Temperature:** Constant, **Specific Conductance:** ± 5%, **Dissolved Oxygen:** ≤ 20% saturation; optionally, ≤ 0.2 mg/L (whichever is greater), **Turbidity:** stable or readings ≤ 10 NTUs

APPENDIX B

FIELD EQUIPMENT CALIBRATION LOGS

Site: Edward Weck, Inc.

Aquafusion Environmental Services, Inc.
Field Instrument Calibration Log

Site #: NCD001493931

pH			Meter	Date	Time	Standard (SU)	Initial/Uncalibrated Reading (SU)	Calibrated Reading (SU)	Deviation From Calibrated (SU)	Calibration Pass/Fail	Initials
									Acceptance Criteria: +/- 0.2 SU		
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	4.0	3.98	4.00	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	10.0	9.95	10.00	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	7.0	6.87	6.92	0.08	P	JJS
CAL	ICV	CCV	YSI 556	5/2/2016	10:45						
CAL	ICV	CCV	YSI 556	5/2/2016	10:45						

Specific Conductance			Meter	Date	Time	Standard (mS/cm)	Initial/Uncalibrated Reading (mS/cm)	Calibrated Reading (mS/cm)	Deviation From Calibrated (%)	Calibration Pass/Fail	Initials
									Acceptance Criteria: +/- 5%		
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	1.413	1.335	1.413	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	1.413		1.413	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	1.413		1.425	0.85	P	JJS

Turbidity			Meter	Date	Time	Standard (NTUs)	Initial/Uncalibrated Reading (NTUs)	Calibrated Reading (NTUs)	Deviation From Calibrated (%)	Calibration Pass/Fail	Initials
									Acceptance Criteria: Stable; +/- 10%		
CAL	ICV	CCV	Hach 2100Q	5/2/2016	10:45	20.0	NA	19.9	-0.50	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/2/2016	10:45	100	NA	100	0.00	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/2/2016	10:45	800	NA	808	1.00	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/2/2016	10:45	10.0	NA	9.89	-1.10	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/2/2016	10:45	10.0	NA				
CAL	ICV	CCV	Hach 2100Q								
CAL	ICV	CCV	Hach 2100Q								

Dissolved Oxygen			Meter	Date	Time	Temp (^{o}C)	Initial/Uncalibrated Reading (%)	Calibrated DO (%)	Calibrated DO (mg/L)	Saturation (mg/L) (table[1])	Pass/Fail (P/F)
Method: Saturated Air (100%)									Acceptance Criteria: Stable; +/- 0.3 mg/L		
CAL	ICV	CCV	YSI 556	5/2/2016	10:45	25.27	117.8	98.0	8.19	8.22	P
CAL	ICV	CCV	YSI 556								
CAL	ICV	CCV									

1. YSI Oxygen Solubility Table.

CAL = Calibrate, ICV = Initial cal verification, CCV = Continuous cal verification.

Aquafusion Environmental Services, Inc.
Field Instrument Calibration Log

pH			Meter	Date	Time	Standard (SU)	Initial/Uncalibrated Reading (SU)	Calibrated Reading (SU)	Deviation From Calibrated (SU)	Calibration Pass/Fail	Initials
									Acceptance Criteria: +/- 0.2 SU		
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	4.0	3.87	4.01	-0.01	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	10.0	8.76	10.00	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	7.0	6.79	6.97	0.03	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	8:46				0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	13:59	7.0	8.30	7.00	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	17:10	4.0	3.92	4.00	0.00	P	JJS

Specific Conductance			Meter	Date	Time	Standard (mS/cm)	Initial/Uncalibrated Reading (mS/cm)	Calibrated Reading (mS/cm)	Deviation From Calibrated (%)	Calibration Pass/Fail	Initials
									Acceptance Criteria: +/- 5%		
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	1.413	1.355	1.413	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	1.413		1.413	0.00	P	JJS
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	1.413		1.425	0.85	P	JJS

Turbidity			Meter	Date	Time	Standard (NTUs)	Initial/Uncalibrated Reading (NTUs)	Calibrated Reading (NTUs)	Deviation From Calibrated (%)	Calibration Pass/Fail	Initials
									Acceptance Criteria: Stable; +/- 10%		
CAL	ICV	CCV	Hach 2100Q	5/3/2016	8:46	20.0	NA	20.6	3.00	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/3/2016	8:46	100	NA	100	0.00	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/3/2016	8:46	800	NA	819	2.38	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/3/2016	8:46	10.0	NA	9.96	-0.40	P	JJS
CAL	ICV	CCV	Hach 2100Q	5/3/2016	8:46	10.0	NA				
CAL	ICV	CCV	Hach 2100Q								

Dissolved Oxygen			Meter	Date	Time	Temp (^{o}C)	Initial/Uncalibrated Reading (%)	Calibrated DO (%)	Calibrated DO (mg/L)	Saturation (mg/L) (table[1])	Pass/Fail (P/F)
Method: Saturated Air (100%)									Acceptance Criteria: Stable; +/- 0.3 mg/L		
CAL	ICV	CCV	YSI 556	5/3/2016	8:46	20.44	85.0	98.7	8.89	9.02	P
CAL	ICV	CCV	YSI 556								
CAL	ICV	CCV									

1. YSI Oxygen Solubility Table.

CAL = Calibrate, ICV = Initial cal verification, CCV = Continuous cal verification.

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 11507
Description YSI 556
Calibrated 4/28/2016 10:49:54AM

Manufacturer YSI
Model Number 556
Serial Number/ Lot Number 06M1025AH
Location New Jersey
Department

State Certified
Status Pass
Temp °C 21.8
Humidity % 49.0

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	6.92	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	3.91	3.99	-0.25%	Pass
10.00 / 10.00	PH	10.00	PH	9.90	9.99	-0.10%	Pass

Group # 2
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	238.80	240.00	0.00%	Pass

Group # 3
Group Name Disolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	99.00	99.90	-0.10%	Pass

Group # 4
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.399	1.413	0.00%	Pass

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 11507
Description YSI 556
Calibrated 4/28/2016 10:49:54AM

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
NC 1.413 COND MAR 17	NC 1.413 CONDUCTIVITY SOLUTION	AquaPhoenix Scientific	SL 20014	5AC504		3/31/2017
NC ORP 240 10/19	NC ORP 240 mV	Hanna	SL 50005	8154		10/31/2019
NC PH 4 5AC304 MAR 17	NC PH 4	AquaPhoenix Scientific	SL 10007	5AC304		3/31/2017
NC PH 7 5GL345 12-17	NC PH 7	GFS	SL 10004 - 32025	5GL572		12/31/2017
NC PH10 MAR 17	NC PH 10 (Lot 1007143) 12-11	AquaPhoenix Scientific	SL 10010	5AC123		3/31/2017

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated John Paul Keon

All instruments are calibrated by Pine Environmental Services, LLC. according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services, LLC. of any defect within 24 hours of receipt of equipment
Please call 866-960-7463 for Technical Assistance

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

8411 Garvey Drive, Suite 113
Raleigh, NC 27614
Toll-free: (866) 646-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID A02714
Description HACH 2100Q
Calibrated 4/28/2016 11:37:08AM

Manufacturer HACH
Model Number 2100Q
Serial Number/ Lot Number 13020C023560
Location North Carolina
Department

State Certified
Status Pass
Temp °C 22
Humidity % 54

Calibration Specifications

Group # 1
Group Name TURB
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
20.00 / 20.00	NTU	20.00	NTU	20.00	20.00	0.00%	Pass
100.00 / 100.00	NTU	100.00	NTU	100.00	100.00	0.00%	Pass
800.00 / 800.00	NTU	800.00	NTU	800.00	800.00	0.00%	Pass
10.00 / 10.00	NTU	10.00	NTU	10.00	10.00	0.00%	Pass

Test Instruments Used During the Calibration

(As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
NC 100NTU HACH 2100Q 4-17	Hach Stablcal 800NTU	HACH	2684901	A6013		4/30/2017
NC 10NTU HACH 2100Q A6008 4-17	NC 10 NTU HACH 2100Q A1133	HACH	2961801	A6008		4/30/2017
NC 20NTU HACH 2100Q A6009 4-17	Hach Stablcal 20NTU	HACH	2684801	A6009		4/30/2017
NC 800NTU HACH 2100Q 4/17	Hach Stablcal 800NTU	HACH	2660501	A6007		4/30/2017

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Brian Duke

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

8411 Garvey Drive, Suite 113
Raleigh, NC 27614
Toll-free: (866) 646-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID A02714
Description HACH 2100Q
Calibrated 4/28/2016 11:37:08AM

All instruments are calibrated by Pine Environmental Services, LLC. according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services, LLC. of any defect within 24 hours of receipt of equipment
Please call 866-960-7463 for Technical Assistance

APPENDIX C

LABORATORY REPORTS AND CHAIN OF CUSTODY FORMS

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515

Thursday, May 19, 2016
Aquafusion Environmental Services, Inc. (AQ010)
Attn: Jan Smith
324 Old Forest Creek Dr.
Chapel Hill, NC 27514

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Weck
ENCO Workorder(s): CZ04914

Dear Jan Smith,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, May 4, 2016.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Bill Scott

Bill Scott
Project Manager
Enclosure(s)

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-2 **Lab ID: CZ04914-01** **Sampled: 05/02/16 12:15** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 08:25
EPA 8260C	05/16/16	05/09/16 00:00	05/09/16 14:21

Client ID: MW-10 **Lab ID: CZ04914-02** **Sampled: 05/02/16 16:50** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 08:54
EPA 8260C	05/16/16	05/09/16 00:00	05/09/16 14:59

Client ID: MW-11 **Lab ID: CZ04914-03** **Sampled: 05/03/16 13:20** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:31	05/13/16 04:41
EPA 8260C	05/17/16	05/09/16 00:00	05/09/16 15:38

Client ID: MW-15 **Lab ID: CZ04914-04** **Sampled: 05/03/16 12:30** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:31	05/13/16 05:10
EPA 8260C	05/17/16	05/09/16 00:00	05/09/16 16:15

Client ID: MW-16S **Lab ID: CZ04914-05** **Sampled: 05/03/16 10:15** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:31	05/13/16 05:39
EPA 8260C	05/17/16	05/09/16 00:00	05/09/16 16:53

Client ID: MW-17 **Lab ID: CZ04914-06** **Sampled: 05/02/16 15:00** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 09:23
EPA 8260C	05/16/16	05/09/16 00:00	05/09/16 17:30

Client ID: MW-20 **Lab ID: CZ04914-07** **Sampled: 05/03/16 14:55** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:31	05/13/16 06:08
EPA 8260C	05/17/16	05/09/16 00:00	05/09/16 18:06

Client ID: CW-4-Dike **Lab ID: CZ04914-08** **Sampled: 05/03/16 18:00** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:31	05/13/16 06:37
EPA 8260C	05/17/16	05/09/16 00:00	05/09/16 18:42

Client ID: MW-100 **Lab ID: CZ04914-09** **Sampled: 05/03/16 18:00** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:31	05/13/16 07:06
EPA 8260C	05/17/16	05/09/16 00:00	05/09/16 19:19

Client ID: CW-3S **Lab ID: CZ04914-10** **Sampled: 05/03/16 19:45** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:34	05/13/16 08:05

Client ID: CW-3D **Lab ID: CZ04914-11RE2** **Sampled: 05/03/16 16:25** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/16/16 08:00	05/16/16 13:50

Client ID: MW-6 **Lab ID: CZ04914-12** **Sampled: 05/02/16 15:00** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 09:53

Client ID: MW-14 **Lab ID: CZ04914-13** **Sampled: 05/03/16 14:45** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:34	05/13/16 09:04

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-16D **Lab ID: CZ04914-14** **Sampled: 05/03/16 11:30** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:34	05/13/16 09:34

Client ID: MW-18 **Lab ID: CZ04914-15** **Sampled: 05/03/16 17:55** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/17/16	05/12/16 15:34	05/13/16 10:03

Client ID: Trip Blank **Lab ID: CZ04914-16** **Sampled: 05/02/16 12:15** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 04:59
EPA 8260C	05/16/16	05/09/16 00:00	05/09/16 12:36

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

SAMPLE DETECTION SUMMARY

Client ID: MW-2 **Lab ID: CZ04914-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1,1-Trichloroethane	140	D	0.60	5.0	ug/L	EPA 8260B	
1,1-Dichloroethane	5.0	D	0.65	5.0	ug/L	EPA 8260B	
1,1-Dichloroethene	420	D	1.0	5.0	ug/L	EPA 8260B	
1,2-Dichloroethane	4.0	JD	1.0	5.0	ug/L	EPA 8260B	
1,4-Dioxane	17		1.2	2.0	ug/L	EPA 8260C	
Dichlorodifluoromethane	3.3	JD	1.0	5.0	ug/L	EPA 8260B	

Client ID: MW-10 **Lab ID: CZ04914-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1,1-Trichloroethane	150	D	0.60	5.0	ug/L	EPA 8260B	
1,1-Dichloroethane	5.6	D	0.65	5.0	ug/L	EPA 8260B	
1,1-Dichloroethene	410	D	1.0	5.0	ug/L	EPA 8260B	
1,2-Dichloroethane	3.0	JD	1.0	5.0	ug/L	EPA 8260B	
1,4-Dioxane	18		1.2	2.0	ug/L	EPA 8260C	

Client ID: MW-11 **Lab ID: CZ04914-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethane	12		0.13	1.0	ug/L	EPA 8260B	
1,1-Dichloroethene	28		0.21	1.0	ug/L	EPA 8260B	
1,4-Dioxane	12		1.2	2.0	ug/L	EPA 8260C	
cis-1,2-Dichloroethene	0.73	J	0.15	1.0	ug/L	EPA 8260B	
Dichlorodifluoromethane	110		0.20	1.0	ug/L	EPA 8260B	
Tetrachloroethene	0.69	J	0.17	1.0	ug/L	EPA 8260B	
Trichloroethene	0.74	J	0.15	1.0	ug/L	EPA 8260B	
Vinyl chloride	7.0		0.32	1.0	ug/L	EPA 8260B	

Client ID: MW-15 **Lab ID: CZ04914-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethene	0.85	J	0.21	1.0	ug/L	EPA 8260B	

Client ID: MW-16S **Lab ID: CZ04914-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethane	5.2		0.13	1.0	ug/L	EPA 8260B	
1,1-Dichloroethene	7.0		0.21	1.0	ug/L	EPA 8260B	
1,4-Dioxane	3.4		1.2	2.0	ug/L	EPA 8260C	
Dichlorodifluoromethane	7.4		0.20	1.0	ug/L	EPA 8260B	
Vinyl chloride	47		0.32	1.0	ug/L	EPA 8260B	

Client ID: MW-17 **Lab ID: CZ04914-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethene	1.5		0.21	1.0	ug/L	EPA 8260B	

Client ID: MW-20 **Lab ID: CZ04914-07**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethane	5.2		0.13	1.0	ug/L	EPA 8260B	
1,1-Dichloroethene	3.1		0.21	1.0	ug/L	EPA 8260B	
1,4-Dioxane	5.4		1.2	2.0	ug/L	EPA 8260C	
cis-1,2-Dichloroethene	0.64	J	0.15	1.0	ug/L	EPA 8260B	
Vinyl chloride	6.1		0.32	1.0	ug/L	EPA 8260B	

Client ID: CW-4-Dike **Lab ID: CZ04914-08**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethane	3.4		0.13	1.0	ug/L	EPA 8260B	
1,1-Dichloroethene	36		0.21	1.0	ug/L	EPA 8260B	
1,4-Dioxane	2.5		1.2	2.0	ug/L	EPA 8260C	
Toluene	0.40	J	0.14	1.0	ug/L	EPA 8260B	

Client ID: MW-100 **Lab ID: CZ04914-09**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1,1-Trichloroethane	110	D	0.60	5.0	ug/L	EPA 8260B	
1,1-Dichloroethane	4.6	JD	0.65	5.0	ug/L	EPA 8260B	
1,1-Dichloroethene	400	D	1.0	5.0	ug/L	EPA 8260B	
1,4-Dioxane	17		1.2	2.0	ug/L	EPA 8260C	
Dichlorodifluoromethane	3.8	JD	1.0	5.0	ug/L	EPA 8260B	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

SAMPLE DETECTION SUMMARY

Client ID: CW-3D **Lab ID:** CZ04914-11RE2

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethane	2.3	D	0.26	2.0	ug/L	EPA 8260B	
1,1-Dichloroethene	14	D	0.42	2.0	ug/L	EPA 8260B	
Dichlorodifluoromethane	300	D	0.40	2.0	ug/L	EPA 8260B	
Vinyl chloride	1.4	JD	0.64	2.0	ug/L	EPA 8260B	

Client ID: MW-6 **Lab ID:** CZ04914-12

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1,1-Trichloroethane	140	D	0.60	5.0	ug/L	EPA 8260B	
1,1,2-Trichloroethane	2.6	JD	0.70	5.0	ug/L	EPA 8260B	
1,1-Dichloroethane	5.2	D	0.65	5.0	ug/L	EPA 8260B	
1,1-Dichloroethene	450	D	1.0	5.0	ug/L	EPA 8260B	
1,2-Dichloroethane	3.8	JD	1.0	5.0	ug/L	EPA 8260B	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-2 | **Lab Sample ID:** CZ04914-01 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 12:15 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,1,1-Trichloroethane [71-55-6]^	**140**	D	ug/L	5	0.60	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,1-Dichloroethane [75-34-3]^	**5.0**	D	ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,1-Dichloroethene [75-35-4]^	**420**	D	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	5	0.060	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	5	2.4	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	5	3.3	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	5	0.95	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2-Dichloroethane [107-06-2]^	**4.0**	JD	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	5	1.5	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	5	0.95	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	5	6.5	25	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	5	5.5	25	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	5	0.40	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	5	4.4	25	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	5	0.34	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	5	0.42	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	5	5.5	25	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Acetone [67-64-1]^	ND		ug/L	5	6.0	25	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Benzene [71-43-2]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	5	2.4	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Bromoform [75-25-2]^	ND		ug/L	5	1.1	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	5	7.5	25	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Chloroform [67-66-3]^	ND		ug/L	5	0.90	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Dichlorodifluoromethane [75-71-8]^	**3.3**	JD	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-2	**Lab Sample ID:** CZ04914-01	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 12:15	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	5	1.1	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	5	0.27	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	5	0.85	10	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	5	0.55	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	5	0.29	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	5	0.60	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	5	0.32	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Styrene [100-42-5]^	ND		ug/L	5	0.55	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Toluene [108-88-3]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	5	1.6	5.0	6E10035	EPA 8260B	05/11/16 08:25	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	5	2.2	15	6E10035	EPA 8260B	05/11/16 08:25	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*56*	*1*	*50.0*	*112 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 08:25*	*MSZ*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 08:25*	*MSZ*	
Toluene-d8	*54*	*1*	*50.0*	*107 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 08:25*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**17**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 14:21	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.5*	*1*	*5.00*	*90 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 14:21*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-10 | **Lab Sample ID:** CZ04914-02 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 16:50 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,1,1-Trichloroethane [71-55-6]^	**150**	D	ug/L	5	0.60	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,1-Dichloroethane [75-34-3]^	**5.6**	D	ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,1-Dichloroethene [75-35-4]^	**410**	D	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	5	0.060	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	5	2.4	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	5	3.3	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	5	0.95	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2-Dichloroethane [107-06-2]^	**3.0**	JD	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	5	1.5	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	5	0.95	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	5	6.5	25	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	5	5.5	25	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	5	0.40	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	5	4.4	25	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	5	0.34	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	5	0.42	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	5	5.5	25	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Acetone [67-64-1]^	ND		ug/L	5	6.0	25	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Benzene [71-43-2]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	5	2.4	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Bromoform [75-25-2]^	ND		ug/L	5	1.1	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	5	7.5	25	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Chloroform [67-66-3]^	ND		ug/L	5	0.90	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-10	**Lab Sample ID:** CZ04914-02	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 16:50	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	5	1.1	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	5	0.27	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	5	0.85	10	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	5	0.55	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	5	0.29	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	5	0.60	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	5	0.32	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Styrene [100-42-5]^	ND		ug/L	5	0.55	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Toluene [108-88-3]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	5	1.6	5.0	6E10035	EPA 8260B	05/11/16 08:54	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	5	2.2	15	6E10035	EPA 8260B	05/11/16 08:54	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*58*	*1*	*50.0*	*115 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 08:54*	*MSZ*	
Dibromofluoromethane	*56*	*1*	*50.0*	*111 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 08:54*	*MSZ*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 08:54*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**18**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 14:59	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.5*	*1*	*5.00*	*89 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 14:59*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-11 | **Lab Sample ID:** CZ04914-03 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 13:20 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,1-Dichloroethane [75-34-3]^	**12**		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,1-Dichloroethene [75-35-4]^	**28**		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	**0.73**	J	ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Dichlorodifluoromethane [75-71-8]^	**110**		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-11	**Lab Sample ID:** CZ04914-03	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 13:20	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Tetrachloroethene [127-18-4]^	**0.69**	J	ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Trichloroethene [79-01-6]^	**0.74**	J	ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Vinyl chloride [75-01-4]^	**7.0**		ug/L	1	0.32	1.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12042	EPA 8260B	05/13/16 04:41	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*53-136*	*6E12042*	*EPA 8260B*	*05/13/16 04:41*	*MSZ*	
Dibromofluoromethane	*49*	*1*	*50.0*	*97 %*	*67-129*	*6E12042*	*EPA 8260B*	*05/13/16 04:41*	*MSZ*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*59-134*	*6E12042*	*EPA 8260B*	*05/13/16 04:41*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**12**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 15:38	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.6*	*1*	*5.00*	*92 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 15:38*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-15 | **Lab Sample ID:** CZ04914-04 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 12:30 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,1-Dichloroethene [75-35-4]^	**0.85**	J	ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-15	**Lab Sample ID:** CZ04914-04	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 12:30	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12042	EPA 8260B	05/13/16 05:10	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*53-136*	*6E12042*	*EPA 8260B*	*05/13/16 05:10*	*MSZ*	
Dibromofluoromethane	*49*	*1*	*50.0*	*99 %*	*67-129*	*6E12042*	*EPA 8260B*	*05/13/16 05:10*	*MSZ*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*59-134*	*6E12042*	*EPA 8260B*	*05/13/16 05:10*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	ND		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 16:15	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.7*	*1*	*5.00*	*95 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 16:15*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-16S | **Lab Sample ID:** CZ04914-05 | **Received:** 05/04/16 10:48
Matrix: Water | **Sampled:** 05/03/16 10:15 | **Work Order:** CZ04914
Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,1-Dichloroethane [75-34-3]^	**5.2**		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,1-Dichloroethene [75-35-4]^	**7.0**		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Dichlorodifluoromethane [75-71-8]^	**7.4**		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-16S	**Lab Sample ID:** CZ04914-05	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 10:15	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Vinyl chloride [75-01-4]^	**47**		ug/L	1	0.32	1.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12042	EPA 8260B	05/13/16 05:39	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*53-136*	*6E12042*	*EPA 8260B*	*05/13/16 05:39*	*MSZ*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*67-129*	*6E12042*	*EPA 8260B*	*05/13/16 05:39*	*MSZ*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*59-134*	*6E12042*	*EPA 8260B*	*05/13/16 05:39*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**3.4**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 16:53	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.7*	*1*	*5.00*	*94 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 16:53*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-17 | **Lab Sample ID:** CZ04914-06 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 15:00 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,1-Dichloroethene [75-35-4]^	**1.5**		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-17	**Lab Sample ID:** CZ04914-06	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 15:00	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E10035	EPA 8260B	05/11/16 09:23	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*55*	*1*	*50.0*	*110 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 09:23*	*MSZ*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 09:23*	*MSZ*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 09:23*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	ND		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 17:30	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.4*	*1*	*5.00*	*88 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 17:30*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-20 | **Lab Sample ID:** CZ04914-07 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 14:55 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,1-Dichloroethane [75-34-3]^	**5.2**		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,1-Dichloroethene [75-35-4]^	**3.1**		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	**0.64**	J	ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description:	MW-20	**Lab Sample ID:**	CZ04914-07	**Received:**	05/04/16 10:48
Matrix:	Water	**Sampled:**	05/03/16 14:55	**Work Order:**	CZ04914
Project:	Weck	**Sampled By:**	Jan Smith		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	
Vinyl chloride [75-01-4]^	**6.1**		ug/L	1	0.32	1.0	6E12042	EPA 8260B	05/13/16 06:08	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*53-136*	*6E12042*	*EPA 8260B*	*05/13/16 06:08*	*MSZ*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*67-129*	*6E12042*	*EPA 8260B*	*05/13/16 06:08*	*MSZ*	
Toluene-d8	*50*	*1*	*50.0*	*101 %*	*59-134*	*6E12042*	*EPA 8260B*	*05/13/16 06:08*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**5.4**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 18:06	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.7*	*1*	*5.00*	*94 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 18:06*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: CW-4-Dike | **Lab Sample ID:** CZ04914-08 | **Received:** 05/04/16 10:48
Matrix: Water | **Sampled:** 05/03/16 18:00 | **Work Order:** CZ04914
Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,1-Dichloroethane [75-34-3]^	**3.4**		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,1-Dichloroethene [75-35-4]^	**36**		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: CW-4-Dike	**Lab Sample ID:** CZ04914-08	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 18:00	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Toluene [108-88-3]^	**0.40**	J	ug/L	1	0.14	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12042	EPA 8260B	05/13/16 06:37	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*91 %*	*53-136*	*6E12042*	*EPA 8260B*	*05/13/16 06:37*	*MSZ*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*67-129*	*6E12042*	*EPA 8260B*	*05/13/16 06:37*	*MSZ*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*59-134*	*6E12042*	*EPA 8260B*	*05/13/16 06:37*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**2.5**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 18:42	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.7*	*1*	*5.00*	*94 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 18:42*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-100 | **Lab Sample ID:** CZ04914-09 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 18:00 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,1,1-Trichloroethane [71-55-6]^	**110**	D	ug/L	5	0.60	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	5	1.4	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	5	0.70	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,1-Dichloroethane [75-34-3]^	**4.6**	JD	ug/L	5	0.65	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,1-Dichloroethene [75-35-4]^	**400**	D	ug/L	5	1.0	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	5	0.75	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	5	0.060	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	5	1.2	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	5	0.70	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	5	0.50	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	5	2.4	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	5	3.3	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	5	0.95	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	5	1.0	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	5	0.50	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	5	1.5	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	5	0.75	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	5	0.80	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	5	0.95	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	5	1.4	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	5	6.5	25	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	5	5.5	25	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	5	0.40	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	5	4.4	25	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	5	0.34	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	5	0.42	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	5	5.5	25	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Acetone [67-64-1]^	ND		ug/L	5	6.0	25	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Benzene [71-43-2]^	ND		ug/L	5	0.75	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	5	0.80	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	5	2.4	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Bromoform [75-25-2]^	ND		ug/L	5	1.1	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	5	0.70	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	5	7.5	25	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	5	1.2	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Chloroform [67-66-3]^	ND		ug/L	5	0.90	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	5	0.65	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	5	0.75	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	5	1.0	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	5	1.4	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Dichlorodifluoromethane [75-71-8]^	**3.8**	JD	ug/L	5	1.0	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	5	0.65	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-100	**Lab Sample ID:** CZ04914-09	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 18:00	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	5	1.1	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	5	0.27	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	5	0.70	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	5	0.85	10	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	5	1.2	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	5	0.80	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	5	0.55	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	5	0.29	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	5	0.60	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	5	0.32	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	5	0.50	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Styrene [100-42-5]^	ND		ug/L	5	0.55	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	5	0.85	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Toluene [108-88-3]^	ND		ug/L	5	0.70	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	5	1.0	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	5	0.75	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	5	0.75	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	5	1.2	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	5	1.6	5.0	6E12042	EPA 8260B	05/13/16 07:06	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	5	2.2	15	6E12042	EPA 8260B	05/13/16 07:06	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*99 %*	*53-136*	*6E12042*	*EPA 8260B*	*05/13/16 07:06*	*MSZ*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*67-129*	*6E12042*	*EPA 8260B*	*05/13/16 07:06*	*MSZ*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*59-134*	*6E12042*	*EPA 8260B*	*05/13/16 07:06*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**17**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 19:19	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.8*	*1*	*5.00*	*97 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 19:19*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: CW-3S | **Lab Sample ID:** CZ04914-10 | **Received:** 05/04/16 10:48
Matrix: Water | **Sampled:** 05/03/16 19:45 | **Work Order:** CZ04914
Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: CW-3S | **Lab Sample ID:** CZ04914-10 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 19:45 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12043	EPA 8260B	05/13/16 08:05	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*56*	*1*	*50.0*	*112 %*	*53-136*	*6E12043*	*EPA 8260B*	*05/13/16 08:05*	*MSZ*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*67-129*	*6E12043*	*EPA 8260B*	*05/13/16 08:05*	*MSZ*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*59-134*	*6E12043*	*EPA 8260B*	*05/13/16 08:05*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: CW-3D | **Lab Sample ID:** CZ04914-11 | **Received:** 05/04/16 10:48
Matrix: Water | **Sampled:** 05/03/16 16:25 | **Work Order:** CZ04914
Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	2	0.24	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	2	0.56	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	2	0.28	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,1-Dichloroethane [75-34-3]^	**2.3**	D	ug/L	2	0.26	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,1-Dichloroethene [75-35-4]^	**14**	D	ug/L	2	0.42	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	2	0.30	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	2	0.024	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	2	0.46	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	2	0.28	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	2	0.20	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	2	0.96	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	2	1.3	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	2	0.38	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	2	0.42	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	2	0.20	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	2	0.60	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	2	0.30	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	2	0.32	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	2	0.38	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	2	0.56	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	2	2.6	10	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	2	2.2	10	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	2	0.16	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	2	1.8	10	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	2	0.14	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	2	0.17	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	2	2.2	10	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Acetone [67-64-1]^	ND		ug/L	2	2.4	10	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Benzene [71-43-2]^	ND		ug/L	2	0.30	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	2	0.32	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	2	0.96	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Bromoform [75-25-2]^	ND		ug/L	2	0.44	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	2	0.28	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	2	3.0	10	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	2	0.46	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Chloroform [67-66-3]^	ND		ug/L	2	0.36	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	2	0.26	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	2	0.30	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	2	0.40	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	2	0.54	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Dichlorodifluoromethane [75-71-8]^	**300**	D	ug/L	2	0.40	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	2	0.26	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: CW-3D	**Lab Sample ID:** CZ04914-11	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 16:25	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	2	0.44	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	2	0.11	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	2	0.28	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	2	0.34	4.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	2	0.46	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	2	0.32	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	2	0.22	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	2	0.12	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	2	0.24	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	2	0.13	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	2	0.20	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Styrene [100-42-5]^	ND		ug/L	2	0.22	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	2	0.34	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Toluene [108-88-3]^	ND		ug/L	2	0.28	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	2	0.42	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	2	0.30	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	2	0.30	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	2	0.48	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Vinyl chloride [75-01-4]^	**1.4**	JD	ug/L	2	0.64	2.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	2	0.90	6.0	6E16017	EPA 8260B	05/16/16 13:50	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*53-136*	*6E16017*	*EPA 8260B*	*05/16/16 13:50*	*MSZ*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*67-129*	*6E16017*	*EPA 8260B*	*05/16/16 13:50*	*MSZ*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*59-134*	*6E16017*	*EPA 8260B*	*05/16/16 13:50*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-6 | **Lab Sample ID:** CZ04914-12 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 15:00 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,1,1-Trichloroethane [71-55-6]^	**140**	D	ug/L	5	0.60	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,1,2-Trichloroethane [79-00-5]^	**2.6**	JD	ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,1-Dichloroethane [75-34-3]^	**5.2**	D	ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,1-Dichloroethene [75-35-4]^	**450**	D	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	5	0.060	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	5	2.4	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	5	3.3	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	5	0.95	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2-Dichloroethane [107-06-2]^	**3.8**	JD	ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	5	1.5	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	5	0.95	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	5	6.5	25	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	5	5.5	25	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	5	0.40	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	5	4.4	25	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	5	0.34	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	5	0.42	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	5	5.5	25	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Acetone [67-64-1]^	ND		ug/L	5	6.0	25	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Benzene [71-43-2]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	5	2.4	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Bromoform [75-25-2]^	ND		ug/L	5	1.1	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	5	7.5	25	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Chloroform [67-66-3]^	ND		ug/L	5	0.90	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	5	1.4	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	5	0.65	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-6	**Lab Sample ID:** CZ04914-12	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 15:00	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	5	1.1	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	5	0.27	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	5	0.85	10	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	5	0.80	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	5	0.55	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	5	0.29	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	5	0.60	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	5	0.32	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	5	0.50	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Styrene [100-42-5]^	ND		ug/L	5	0.55	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	5	0.85	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Toluene [108-88-3]^	ND		ug/L	5	0.70	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	5	1.0	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	5	0.75	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	5	1.2	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	5	1.6	5.0	6E10035	EPA 8260B	05/11/16 09:53	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	5	2.2	15	6E10035	EPA 8260B	05/11/16 09:53	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*58*	*1*	*50.0*	*115 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 09:53*	*MSZ*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 09:53*	*MSZ*	
Toluene-d8	*54*	*1*	*50.0*	*107 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 09:53*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-14 | **Lab Sample ID:** CZ04914-13 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 14:45 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-14	**Lab Sample ID:** CZ04914-13	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 14:45	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12043	EPA 8260B	05/13/16 09:04	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*114 %*	*53-136*	*6E12043*	*EPA 8260B*	*05/13/16 09:04*	*MSZ*	
Dibromofluoromethane	*56*	*1*	*50.0*	*111 %*	*67-129*	*6E12043*	*EPA 8260B*	*05/13/16 09:04*	*MSZ*	
Toluene-d8	*55*	*1*	*50.0*	*110 %*	*59-134*	*6E12043*	*EPA 8260B*	*05/13/16 09:04*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-16D | **Lab Sample ID:** CZ04914-14 | **Received:** 05/04/16 10:48
Matrix: Water | **Sampled:** 05/03/16 11:30 | **Work Order:** CZ04914
Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-16D	**Lab Sample ID:** CZ04914-14	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 11:30	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12043	EPA 8260B	05/13/16 09:34	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*115 %*	*53-136*	*6E12043*	*EPA 8260B*	*05/13/16 09:34*	*MSZ*	
Dibromofluoromethane	*60*	*1*	*50.0*	*119 %*	*67-129*	*6E12043*	*EPA 8260B*	*05/13/16 09:34*	*MSZ*	
Toluene-d8	*54*	*1*	*50.0*	*107 %*	*59-134*	*6E12043*	*EPA 8260B*	*05/13/16 09:34*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-18 | **Lab Sample ID:** CZ04914-15 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/03/16 17:55 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: MW-18	**Lab Sample ID:** CZ04914-15	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/03/16 17:55	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E12043	EPA 8260B	05/13/16 10:03	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*115 %*	*53-136*	*6E12043*	*EPA 8260B*	*05/13/16 10:03*	*MSZ*	
Dibromofluoromethane	*57*	*1*	*50.0*	*113 %*	*67-129*	*6E12043*	*EPA 8260B*	*05/13/16 10:03*	*MSZ*	
Toluene-d8	*54*	*1*	*50.0*	*107 %*	*59-134*	*6E12043*	*EPA 8260B*	*05/13/16 10:03*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: Trip Blank | **Lab Sample ID:** CZ04914-16 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 12:15 | **Work Order:** CZ04914

Project: Weck | **Sampled By:** Jan Smith

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: Trip Blank	**Lab Sample ID:** CZ04914-16	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 12:15	**Work Order:** CZ04914
Project: Weck	**Sampled By:** Jan Smith	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E10035	EPA 8260B	05/11/16 04:59	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*109 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 04:59*	*MSZ*	
Dibromofluoromethane	*56*	*1*	*50.0*	*111 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 04:59*	*MSZ*	
Toluene-d8	*54*	*1*	*50.0*	*107 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 04:59*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	ND		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 12:36	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.6*	*1*	*5.00*	*93 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 12:36*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10035 - EPA 5030B_MS

Blank (6E10035-BLK1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 04:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10035 - EPA 5030B_MS - Continued

Blank (6E10035-BLK1) Continued Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 04:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*109*	*53-136*			
Dibromofluoromethane	*54*			*ug/L*	*50.0*		*108*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*59-134*			

LCS (6E10035-BS1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 01:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		101	75-133			
Benzene	19		1.0	ug/L	20.0		96	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		100	83-117			
Toluene	19		1.0	ug/L	20.0		96	71-118			
Trichloroethene	20		1.0	ug/L	20.0		102	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*53-136*			
Dibromofluoromethane	*52*			*ug/L*	*50.0*		*103*	*67-129*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*59-134*			

Matrix Spike (6E10035-MS1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 01:34

Source: CZ04645-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.21 U	109	75-133			
Benzene	22		1.0	ug/L	20.0	0.15 U	109	81-134			
Chlorobenzene	22		1.0	ug/L	20.0	0.17 U	109	83-117			
Toluene	22		1.0	ug/L	20.0	0.14 U	108	71-118			
Trichloroethene	22		1.0	ug/L	20.0	0.15 U	109	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*53-136*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*67-129*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*59-134*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10035 - EPA 5030B_MS - Continued

Matrix Spike Dup (6E10035-MSD1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 02:03

Source: CZ04645-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.21 U	113	75-133	3	20	
Benzene	20		1.0	ug/L	20.0	0.15 U	99	81-134	10	17	
Chlorobenzene	21		1.0	ug/L	20.0	0.17 U	105	83-117	4	16	
Toluene	21		1.0	ug/L	20.0	0.14 U	105	71-118	3	17	
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	102	74-119	6	22	
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*107*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*59-134*			

Batch 6E12042 - EPA 5030B_MS

Blank (6E12042-BLK1) Prepared: 05/12/2016 15:31 Analyzed: 05/13/2016 01:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E12042 - EPA 5030B_MS - Continued

Blank (6E12042-BLK1) Continued Prepared: 05/12/2016 15:31 Analyzed: 05/13/2016 01:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*100*	*53-136*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*97*	*67-129*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*59-134*			

LCS (6E12042-BS1) Prepared: 05/12/2016 15:31 Analyzed: 05/13/2016 01:48

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		97	75-133			
Benzene	20		1.0	ug/L	20.0		102	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		97	83-117			
Toluene	20		1.0	ug/L	20.0		102	71-118			
Trichloroethene	21		1.0	ug/L	20.0		107	74-119			
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*53-136*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*67-129*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*59-134*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E12042 - EPA 5030B_MS - Continued

Matrix Spike (6E12042-MS1) Prepared: 05/12/2016 15:31 Analyzed: 05/13/2016 02:17

Source: CZ07009-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.21 U	97	75-133			
Benzene	20		1.0	ug/L	20.0	0.15 U	98	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.17 U	106	83-117			
Toluene	22		1.0	ug/L	20.0	0.14 U	110	71-118			
Trichloroethene	22		1.0	ug/L	20.0	0.15 U	111	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*103*	*53-136*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*101*	*67-129*			
Toluene-d8	*50*			*ug/L*	*50.0*		*101*	*59-134*			

Matrix Spike Dup (6E12042-MSD1) Prepared: 05/12/2016 15:31 Analyzed: 05/13/2016 02:46

Source: CZ07009-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.21 U	94	75-133	3	20	
Benzene	19		1.0	ug/L	20.0	0.15 U	94	81-134	4	17	
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	83-117	8	16	
Toluene	20		1.0	ug/L	20.0	0.14 U	98	71-118	11	17	
Trichloroethene	21		1.0	ug/L	20.0	0.15 U	103	74-119	7	22	
4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*95*	*53-136*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*67-129*			
Toluene-d8	*49*			*ug/L*	*50.0*		*99*	*59-134*			

Batch 6E12043 - EPA 5030B_MS

Blank (6E12043-BLK1) Prepared: 05/12/2016 15:34 Analyzed: 05/13/2016 06:36

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E12043 - EPA 5030B_MS - Continued

Blank (6E12043-BLK1) Continued Prepared: 05/12/2016 15:34 Analyzed: 05/13/2016 06:36

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*111*	*53-136*			
Dibromofluoromethane	*55*			*ug/L*	*50.0*		*109*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*59-134*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E12043 - EPA 5030B_MS - Continued

LCS (6E12043-BS1) Prepared: 05/12/2016 15:34 Analyzed: 05/13/2016 03:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0		91	75-133			
Benzene	18		1.0	ug/L	20.0		89	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		93	83-117			
Toluene	18		1.0	ug/L	20.0		92	71-118			
Trichloroethene	21		1.0	ug/L	20.0		107	74-119			
4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*67-129*			
Toluene-d8	*55*			*ug/L*	*50.0*		*110*	*59-134*			

Matrix Spike (6E12043-MS1) Prepared: 05/12/2016 15:34 Analyzed: 05/13/2016 04:08

Source: CZ07009-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	89	75-133			
Benzene	17		1.0	ug/L	20.0	0.15 U	87	81-134			
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	91	83-117			
Toluene	17		1.0	ug/L	20.0	0.14 U	87	71-118			
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	101	74-119			
4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*107*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*107*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*105*	*59-134*			

Matrix Spike Dup (6E12043-MSD1) Prepared: 05/12/2016 15:34 Analyzed: 05/13/2016 04:38

Source: CZ07009-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	89	75-133	0.6	20	
Benzene	17		1.0	ug/L	20.0	0.15 U	86	81-134	2	17	
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	90	83-117	1	16	
Toluene	17		1.0	ug/L	20.0	0.14 U	85	71-118	2	17	
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	99	74-119	2	22	
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*107*	*67-129*			
Toluene-d8	*54*			*ug/L*	*50.0*		*108*	*59-134*			

Batch 6E13015 - EPA 5030B_MS

Blank (6E13015-BLK1) Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 18:29

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E13015 - EPA 5030B_MS - Continued

Blank (6E13015-BLK1) Continued Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 18:29

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E13015 - EPA 5030B_MS - Continued

Blank (6E13015-BLK1) Continued Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 18:29

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*111*	*53-136*			
Dibromofluoromethane	*54*			*ug/L*	*50.0*		*108*	*67-129*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*59-134*			

LCS (6E13015-BS1) Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 15:33

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		105	75-133			
Benzene	19		1.0	ug/L	20.0		94	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		100	83-117			
Toluene	19		1.0	ug/L	20.0		96	71-118			
Trichloroethene	21		1.0	ug/L	20.0		104	74-119			
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*107*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*107*	*67-129*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*59-134*			

Matrix Spike (6E13015-MS1) Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 16:02

Source: CZ07009-09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.21 U	97	75-133			
Benzene	19		1.0	ug/L	20.0	0.15 U	93	81-134			
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	95	83-117			
Toluene	19		1.0	ug/L	20.0	0.14 U	94	71-118			
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	100	74-119			
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*67-129*			
Toluene-d8	*55*			*ug/L*	*50.0*		*110*	*59-134*			

Matrix Spike Dup (6E13015-MSD1) Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 16:31

Source: CZ07009-09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.21 U	94	75-133	4	20	
Benzene	18		1.0	ug/L	20.0	0.15 U	90	81-134	4	17	
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	89	83-117	7	16	
Toluene	17		1.0	ug/L	20.0	0.14 U	86	71-118	8	17	
Trichloroethene	19		1.0	ug/L	20.0	0.15 U	95	74-119	5	22	
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*105*	*67-129*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E13015 - EPA 5030B_MS - Continued

Matrix Spike Dup (6E13015-MSD1) Continued Prepared: 05/13/2016 14:03 Analyzed: 05/13/2016 16:31

Source: CZ07009-09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	*54*			*ug/L*	*50.0*		*109*	*59-134*			

Batch 6E16017 - EPA 5030B_MS

Blank (6E16017-BLK1) Prepared: 05/16/2016 08:00 Analyzed: 05/16/2016 11:21

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E16017 - EPA 5030B_MS - Continued

Blank (6E16017-BLK1) Continued Prepared: 05/16/2016 08:00 Analyzed: 05/16/2016 11:21

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*95*	*53-136*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*99*	*67-129*			
Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*59-134*			

LCS (6E16017-BS1) Prepared: 05/16/2016 08:00 Analyzed: 05/16/2016 11:50

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0		91	75-133			
Benzene	19		1.0	ug/L	20.0		94	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		95	83-117			
Toluene	19		1.0	ug/L	20.0		96	71-118			
Trichloroethene	19		1.0	ug/L	20.0		94	74-119			
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*53-136*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*67-129*			
Toluene-d8	*51*			*ug/L*	*50.0*		*101*	*59-134*			

Matrix Spike (6E16017-MS1) Prepared: 05/16/2016 08:00 Analyzed: 05/16/2016 12:19

Source: CZ06904-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	90	75-133			
Benzene	18		1.0	ug/L	20.0	0.15 U	88	81-134			
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	89	83-117			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E16017 - EPA 5030B_MS - Continued

Matrix Spike (6E16017-MS1) Continued Prepared: 05/16/2016 08:00 Analyzed: 05/16/2016 12:19

Source: CZ06904-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene	19		1.0	ug/L	20.0	0.14 U	94	71-118			
Trichloroethene	18		1.0	ug/L	20.0	0.15 U	91	74-119			
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*100*	*53-136*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*97*	*67-129*			
Toluene-d8	*49*			*ug/L*	*50.0*		*99*	*59-134*			

Matrix Spike Dup (6E16017-MSD1) Prepared: 05/16/2016 08:00 Analyzed: 05/16/2016 12:48

Source: CZ06904-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.21 U	87	75-133	2	20	
Benzene	18		1.0	ug/L	20.0	0.15 U	92	81-134	5	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	94	83-117	5	16	
Toluene	19		1.0	ug/L	20.0	0.14 U	95	71-118	1	17	
Trichloroethene	19		1.0	ug/L	20.0	0.15 U	96	74-119	6	22	
4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*97*	*53-136*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*67-129*			
Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*59-134*			

Volatile Organic Compounds by GCMS SIM Isotope Dilution - Quality Control

Batch 6E09014 - EPA 5030B_MS

Blank (6E09014-BLK1) Prepared: 05/09/2016 00:00 Analyzed: 05/09/2016 12:04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dioxane	1.2	U	2.0	ug/L							
Toluene-d8	*4.7*			*ug/L*	*5.00*		*94*	*79-127*			

LCS (6E09014-BS1) Prepared: 05/09/2016 00:00 Analyzed: 05/09/2016 10:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dioxane	24		2.0	ug/L	25.0		98	80-133			
Toluene-d8	*4.5*			*ug/L*	*5.00*		*91*	*79-127*			

LCS Dup (6E09014-BSD1) Prepared: 05/09/2016 00:00 Analyzed: 05/09/2016 11:32

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dioxane	25		2.0	ug/L	25.0		100	80-133	2	19	
Toluene-d8	*4.5*			*ug/L*	*5.00*		*89*	*79-127*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
ND	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
P	Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

ENCO

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name: Aquafusion Environmental Services, Inc. (AQ010)	Project Number: [none]
Address: 324 Old Forest Creek Dr.	Project Name/Desc: Weck
City/ST/Zip: Chapel Hill, NC 27514	PO # / Billing Info
Tel: (919) 929-2593 Fax:	Reporting Contact: Jan Smith
Sampler(s) Name, Affiliation (Print): Jan Smith	Billing Contact: Jan Smith
Sampler(s) Signature: [signature]	Site Location / Time Zone

Requested Analyses: 8260B,8260B Extended; 8260B,8260B Extended,8260C SIM ID

Requested Turnaround Times
Note : Rush requests subject to acceptance by the facility
___ Standard
___ Expedited
Due ___/___/___

Lab Workorder: OZ04914

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B,8260B Extended	8260B,8260B Extended,8260C SIM ID	Sample Comments
1	MW-2	5/2/16	1215	G	WA	6		X	
2	MW-10	5/2	1650		WA	6		X	
3	MW-11	5/3	1320		WA	6		X	
4	MW-15	5/3	1230		WA	6		X	
5	MW-16S	5/3	1015		WA	6		X	
6	MW-17	5/2	1500		WA	6		X	
7	MW-20	5/3	1455		WA	6		X	
8	CW-4-Dike	5/3	1800		WA	6		X	
9	MW-100				WA	6		X	
					WA	6		X	
					WA	6		X	
					WA	3	X		

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
RAY	4/23	[signature]	5/4/16 1048	[signature]	5-4-16 10:48
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-2849 0.4°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

ENCO

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

www.encolabs.com

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

Client Name: Aquafusion Environmental Services, Inc. (AQ010)	Project Number: [none]
Address: 324 Old Forest Creek Dr.	Project Name/Desc: Weck
City/ST/Zip: Chapel Hill, NC 27514	PO # / Billing Info:
Tel: (919) 929-2593 Fax:	Reporting Contact: Jan Smith
Sampler(s) Name, Affiliation (Print): Jan Smith	Billing Contact: Jan Smith
Sampler(s) Signature: [signature]	Site Location / Time Zone:

Requested Analyses: 8260B,8260B Extended; 8260B,8260B Extended,8260C SIM ID

Requested Turnaround Times
Note : Rush requests subject to acceptance by the facility
___ Standard
___ Expedited
Due ___/___/___

Lab Workorder: CZ04914

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B,8260B Extended	8260B,8260B Extended,8260C SIM ID	Sample Comments
10	CW-3S	5/3/16	1945		WA	3	X		
11	CW-3D	5/3	1625		WA	3	X		
12	MW-6	5/2	1500		WA	3	X		
13	MW-14	5/3	1445		WA	2 ~~3~~	X		
14	MW-16D	5/3	1130		WA	3	X		
15	MW-18	5/2	1755		WA	2 ~~3~~	X		
16	Trip Blank				WA	4		X	

<-- Total # of Containers

Sample Kit Prepared By: RAY	Date/Time: 4/23	Relinquished By: [signature]	Date/Time: 5/4 1048	Received By: [signature]	Date/Time: 5-4-16 10:48
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: 0.4°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515

Tuesday, May 17, 2016
Aquafusion Environmental Services, Inc. (AQ010)
Attn: Jan Smith
324 Old Forest Creek Dr.
Chapel Hill, NC 27514

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Weck
ENCO Workorder(s): CZ04911

Dear Jan Smith,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, May 4, 2016.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Bill Scott

Bill Scott
Project Manager
Enclosure(s)

PROJECT NARRATIVE

Date: May 17, 2016
Client: Aquafusion
Project: Weck
Lab ID: CZ04911

Overview

This report is an amendment to the original report this work order. This report was revised to remove false postitves mistakenly reported for sample M-4-150.

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Bill Scott
Project Manager

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: M-4-150 **Lab ID: CZ04911-01** **Sampled: 05/02/16 16:49** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 06:56
EPA 8260C	05/16/16	05/09/16 00:00	05/09/16 19:57

Client ID: M-4-50R **Lab ID: CZ04911-02** **Sampled: 05/02/16 16:28** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 07:26

Client ID: M-4-200R **Lab ID: CZ04911-03** **Sampled: 05/02/16 07:00** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:08	05/11/16 07:55

Client ID: Trip Blank **Lab ID: CZ04911-04** **Sampled: 05/02/16 07:00** **Received: 05/04/16 10:48**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/16/16	05/10/16 15:11	05/11/16 17:17
EPA 8260C	05/16/16	05/09/16 00:00	05/09/16 13:09

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

SAMPLE DETECTION SUMMARY

Client ID: M-4-150 **Lab ID: CZ04911-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1,1-Trichloroethane	9.4	D	0.24	2.0	ug/L	EPA 8260B	
1,1-Dichloroethane	2.2	D	0.26	2.0	ug/L	EPA 8260B	
1,1-Dichloroethene	170	D	0.42	2.0	ug/L	EPA 8260B	
1,2-Dichloroethane	1.6	JD	0.42	2.0	ug/L	EPA 8260B	
1,4-Dioxane	7.0		1.2	2.0	ug/L	EPA 8260C	
Dichlorodifluoromethane	3.6	D	0.40	2.0	ug/L	EPA 8260B	

Client ID: M-4-50R **Lab ID: CZ04911-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethene	1.5		0.21	1.0	ug/L	EPA 8260B	

Client ID: M-4-200R **Lab ID: CZ04911-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Dichlorodifluoromethane	1.9		0.20	1.0	ug/L	EPA 8260B	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: M-4-150 | **Lab Sample ID:** CZ04911-01 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 16:49 | **Work Order:** CZ04911

Project: Weck | **Sampled By:** Janis Ranis

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,1,1-Trichloroethane [71-55-6]^	**9.4**	D	ug/L	2	0.24	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	2	0.56	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	2	0.28	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,1-Dichloroethane [75-34-3]^	**2.2**	D	ug/L	2	0.26	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,1-Dichloroethene [75-35-4]^	**170**	D	ug/L	2	0.42	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	2	0.30	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	2	0.024	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	2	0.46	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	2	0.28	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	2	0.20	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	2	0.96	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	2	1.3	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	2	0.38	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2-Dichloroethane [107-06-2]^	**1.6**	JD	ug/L	2	0.42	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	2	0.20	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	2	0.60	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	2	0.30	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	2	0.32	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	2	0.38	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	2	0.56	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	2	2.6	10	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	2	2.2	10	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	2	0.16	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	2	1.8	10	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	2	0.14	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	2	0.17	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	2	2.2	10	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Acetone [67-64-1]^	ND		ug/L	2	2.4	10	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Benzene [71-43-2]^	ND		ug/L	2	0.30	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	2	0.32	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	2	0.96	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Bromoform [75-25-2]^	ND		ug/L	2	0.44	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	2	0.28	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	2	3.0	10	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	2	0.46	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Chloroform [67-66-3]^	ND		ug/L	2	0.36	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	2	0.26	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	2	0.30	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	2	0.40	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	2	0.54	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Dichlorodifluoromethane [75-71-8]^	**3.6**	D	ug/L	2	0.40	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	2	0.26	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: M-4-150	**Lab Sample ID:** CZ04911-01	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 16:49	**Work Order:** CZ04911
Project: Weck	**Sampled By:** Janis Ranis	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	2	0.44	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	2	0.11	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	2	0.28	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	2	0.34	4.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	2	0.46	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	2	0.32	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	2	0.22	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	2	0.12	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	2	0.24	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	2	0.13	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	2	0.20	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Styrene [100-42-5]^	ND		ug/L	2	0.22	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	2	0.34	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Toluene [108-88-3]^	ND		ug/L	2	0.28	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	2	0.42	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	2	0.30	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	2	0.30	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	2	0.48	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	2	0.64	2.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	2	0.90	6.0	6E10035	EPA 8260B	05/11/16 06:56	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*55*	*1*	*50.0*	*111 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 06:56*	*MSZ*	
Dibromofluoromethane	*55*	*1*	*50.0*	*109 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 06:56*	*MSZ*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 06:56*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	**7.0**		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 19:57	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.7*	*1*	*5.00*	*93 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 19:57*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: M-4-50R | **Lab Sample ID:** CZ04911-02 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 16:28 | **Work Order:** CZ04911

Project: Weck | **Sampled By:** Janis Ranis

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,1-Dichloroethene [75-35-4]^	**1.5**		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: M-4-50R
Matrix: Water
Project: Weck

Lab Sample ID: CZ04911-02
Sampled: 05/02/16 16:28
Sampled By: Janis Ranis

Received: 05/04/16 10:48
Work Order: CZ04911

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E10035	EPA 8260B	05/11/16 07:26	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*114 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 07:26*	*MSZ*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 07:26*	*MSZ*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 07:26*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: M-4-200R | **Lab Sample ID:** CZ04911-03 | **Received:** 05/04/16 10:48

Matrix: Water | **Sampled:** 05/02/16 07:00 | **Work Order:** CZ04911

Project: Weck | **Sampled By:** Janis Ranis

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Dichlorodifluoromethane [75-71-8]^	**1.9**		ug/L	1	0.20	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: M-4-200R
Matrix: Water
Project: Weck

Lab Sample ID: CZ04911-03
Sampled: 05/02/16 07:00
Sampled By: Janis Ranis

Received: 05/04/16 10:48
Work Order: CZ04911

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E10035	EPA 8260B	05/11/16 07:55	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*114 %*	*53-136*	*6E10035*	*EPA 8260B*	*05/11/16 07:55*	*MSZ*	
Dibromofluoromethane	*55*	*1*	*50.0*	*111 %*	*67-129*	*6E10035*	*EPA 8260B*	*05/11/16 07:55*	*MSZ*	
Toluene-d8	*53*	*1*	*50.0*	*105 %*	*59-134*	*6E10035*	*EPA 8260B*	*05/11/16 07:55*	*MSZ*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: Trip Blank | **Lab Sample ID:** CZ04911-04 | **Received:** 05/04/16 10:48
Matrix: Water | **Sampled:** 05/02/16 07:00 | **Work Order:** CZ04911
Project: Weck | **Sampled By:** ENCO

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,1,1-Trichloroethane [71-55-6]^	ND		ug/L	1	0.12	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,1,2,2-Tetrachloroethane [79-34-5]^	ND		ug/L	1	0.28	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,1,2-Trichloroethane [79-00-5]^	ND		ug/L	1	0.14	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,1-Dichloroethane [75-34-3]^	ND		ug/L	1	0.13	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,1-Dichloroethene [75-35-4]^	ND		ug/L	1	0.21	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,1-Dichloropropene [563-58-6]^	ND		ug/L	1	0.15	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2,3-Trichlorobenzene [87-61-6]^	ND		ug/L	1	0.012	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2,3-Trichloropropane [96-18-4]^	ND		ug/L	1	0.23	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2,4-Trichlorobenzene [120-82-1]^	ND		ug/L	1	0.14	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2,4-Trimethylbenzene [95-63-6]^	ND		ug/L	1	0.10	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2-Dibromo-3-chloropropane [96-12-8]^	ND		ug/L	1	0.48	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2-Dibromoethane [106-93-4]^	ND		ug/L	1	0.66	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2-Dichlorobenzene [95-50-1]^	ND		ug/L	1	0.19	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2-Dichloroethane [107-06-2]^	ND		ug/L	1	0.21	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,2-Dichloropropane [78-87-5]^	ND		ug/L	1	0.10	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,3,5-Trimethylbenzene [108-67-8]^	ND		ug/L	1	0.30	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,3-Dichlorobenzene [541-73-1]^	ND		ug/L	1	0.15	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,3-Dichloropropane [142-28-9]^	ND		ug/L	1	0.16	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
1,4-Dichlorobenzene [106-46-7]^	ND		ug/L	1	0.19	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
2,2-Dichloropropane [594-20-7]^	ND		ug/L	1	0.28	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
2-Butanone [78-93-3]^	ND		ug/L	1	1.3	5.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
2-Chloroethyl Vinyl Ether [110-75-8]^	ND		ug/L	1	1.1	5.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
2-Chlorotoluene [95-49-8]^	ND		ug/L	1	0.081	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
2-Hexanone [591-78-6]^	ND		ug/L	1	0.88	5.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
4-Chlorotoluene [106-43-4]^	ND		ug/L	1	0.068	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
4-Isopropyltoluene [99-87-6]^	ND		ug/L	1	0.085	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
4-Methyl-2-pentanone [108-10-1]^	ND		ug/L	1	1.1	5.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Acetone [67-64-1]^	ND		ug/L	1	1.2	5.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Benzene [71-43-2]^	ND		ug/L	1	0.15	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Bromobenzene [108-86-1]^	ND		ug/L	1	0.16	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Bromochloromethane [74-97-5]^	ND		ug/L	1	0.48	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Bromodichloromethane [75-27-4]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Bromoform [75-25-2]^	ND		ug/L	1	0.22	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Bromomethane [74-83-9]^	ND		ug/L	1	0.14	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Carbon disulfide [75-15-0]^	ND		ug/L	1	1.5	5.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Carbon tetrachloride [56-23-5]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Chlorobenzene [108-90-7]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Chloroethane [75-00-3]^	ND		ug/L	1	0.23	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Chloroform [67-66-3]^	ND		ug/L	1	0.18	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Chloromethane [74-87-3]^	ND		ug/L	1	0.13	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
cis-1,2-Dichloroethene [156-59-2]^	ND		ug/L	1	0.15	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
cis-1,3-Dichloropropene [10061-01-5]^	ND		ug/L	1	0.20	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Dibromochloromethane [124-48-1]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Dibromomethane [74-95-3]^	ND		ug/L	1	0.27	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Dichlorodifluoromethane [75-71-8]^	ND		ug/L	1	0.20	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Ethylbenzene [100-41-4]^	ND		ug/L	1	0.13	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

www.encolabs.com

ANALYTICAL RESULTS

Description: Trip Blank	**Lab Sample ID:** CZ04911-04	**Received:** 05/04/16 10:48
Matrix: Water	**Sampled:** 05/02/16 07:00	**Work Order:** CZ04911
Project: Weck	**Sampled By:** ENCO	

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	ND		ug/L	1	0.22	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Isopropyl Ether [108-20-3]^	ND		ug/L	1	0.054	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Isopropylbenzene [98-82-8]^	ND		ug/L	1	0.14	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
m,p-Xylenes [108-38-3/106-42-3]^	ND		ug/L	1	0.17	2.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Methylene chloride [75-09-2]^	ND		ug/L	1	0.23	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Methyl-tert-Butyl Ether [1634-04-4]^	ND		ug/L	1	0.16	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Naphthalene [91-20-3]^	ND		ug/L	1	0.11	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
n-Butyl Benzene [104-51-8]^	ND		ug/L	1	0.058	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
n-Propyl Benzene [103-65-1]^	ND		ug/L	1	0.12	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
o-Xylene [95-47-6]^	ND		ug/L	1	0.065	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
sec-Butylbenzene [135-98-8]^	ND		ug/L	1	0.10	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Styrene [100-42-5]^	ND		ug/L	1	0.11	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
tert-Butylbenzene [98-06-6]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Tetrachloroethene [127-18-4]^	ND		ug/L	1	0.17	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Toluene [108-88-3]^	ND		ug/L	1	0.14	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
trans-1,2-Dichloroethene [156-60-5]^	ND		ug/L	1	0.21	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
trans-1,3-Dichloropropene [10061-02-6]^	ND		ug/L	1	0.15	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Trichloroethene [79-01-6]^	ND		ug/L	1	0.15	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Trichlorofluoromethane [75-69-4]^	ND		ug/L	1	0.24	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Vinyl chloride [75-01-4]^	ND		ug/L	1	0.32	1.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	
Xylenes (Total) [1330-20-7]^	ND		ug/L	1	0.45	3.0	6E10037	EPA 8260B	05/11/16 17:17	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*108 %*	*53-136*	*6E10037*	*EPA 8260B*	*05/11/16 17:17*	*MSZ*	
Dibromofluoromethane	*54*	*1*	*50.0*	*109 %*	*67-129*	*6E10037*	*EPA 8260B*	*05/11/16 17:17*	*MSZ*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*59-134*	*6E10037*	*EPA 8260B*	*05/11/16 17:17*	*MSZ*	

Volatile Organic Compounds by GCMS SIM Isotope Dilution

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,4-Dioxane [123-91-1]	ND		ug/L	1	1.2	2.0	6E09014	EPA 8260C	05/09/16 13:09	rgg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
Toluene-d8	*4.8*	*1*	*5.00*	*96 %*	*79-127*	*6E09014*	*EPA 8260C*	*05/09/16 13:09*	*rgg*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10035 - EPA 5030B_MS

Blank (6E10035-BLK1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 04:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10035 - EPA 5030B_MS - Continued

Blank (6E10035-BLK1) Continued Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 04:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*109*	*53-136*			
Dibromofluoromethane	*54*			*ug/L*	*50.0*		*108*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*59-134*			

LCS (6E10035-BS1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 01:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		101	75-133			
Benzene	19		1.0	ug/L	20.0		96	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		100	83-117			
Toluene	19		1.0	ug/L	20.0		96	71-118			
Trichloroethene	20		1.0	ug/L	20.0		102	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*53-136*			
Dibromofluoromethane	*52*			*ug/L*	*50.0*		*103*	*67-129*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*59-134*			

Matrix Spike (6E10035-MS1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 01:34

Source: CZ04645-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.21 U	109	75-133			
Benzene	22		1.0	ug/L	20.0	0.15 U	109	81-134			
Chlorobenzene	22		1.0	ug/L	20.0	0.17 U	109	83-117			
Toluene	22		1.0	ug/L	20.0	0.14 U	108	71-118			
Trichloroethene	22		1.0	ug/L	20.0	0.15 U	109	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*53-136*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*67-129*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*59-134*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10035 - EPA 5030B_MS - Continued

Matrix Spike Dup (6E10035-MSD1) Prepared: 05/10/2016 15:08 Analyzed: 05/11/2016 02:03

Source: CZ04645-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.21 U	113	75-133	3	20	
Benzene	20		1.0	ug/L	20.0	0.15 U	99	81-134	10	17	
Chlorobenzene	21		1.0	ug/L	20.0	0.17 U	105	83-117	4	16	
Toluene	21		1.0	ug/L	20.0	0.14 U	105	71-118	3	17	
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	102	74-119	6	22	
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*107*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*59-134*			

Batch 6E10037 - EPA 5030B_MS

Blank (6E10037-BLK1) Prepared: 05/10/2016 15:11 Analyzed: 05/11/2016 16:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10037 - EPA 5030B_MS - Continued

Blank (6E10037-BLK1) Continued Prepared: 05/10/2016 15:11 Analyzed: 05/11/2016 16:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropyl Ether	0.054	U	1.0	ug/L							
Isopropylbenzene	0.14	U	1.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*53-136*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*105*	*59-134*			

LCS (6E10037-BS1) Prepared: 05/10/2016 15:11 Analyzed: 05/11/2016 13:22

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		93	75-133			
Benzene	19		1.0	ug/L	20.0		95	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		97	83-117			
Toluene	20		1.0	ug/L	20.0		99	71-118			
Trichloroethene	20		1.0	ug/L	20.0		100	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*53-136*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*101*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*59-134*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E10037 - EPA 5030B_MS - Continued

Matrix Spike (6E10037-MS1) Prepared: 05/10/2016 15:11 Analyzed: 05/11/2016 13:52

Source: CZ06851-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.21 U	101	75-133			
Benzene	20		1.0	ug/L	20.0	0.15 U	100	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.17 U	104	83-117			
Toluene	21		1.0	ug/L	20.0	0.14 U	105	71-118			
Trichloroethene	21		1.0	ug/L	20.0	0.15 U	104	74-119			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*103*	*53-136*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*59-134*			

Matrix Spike Dup (6E10037-MSD1) Prepared: 05/10/2016 15:11 Analyzed: 05/11/2016 14:21

Source: CZ06851-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	88	75-133	14	20	
Benzene	17		1.0	ug/L	20.0	0.15 U	87	81-134	15	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	93	83-117	11	16	
Toluene	18		1.0	ug/L	20.0	0.14 U	92	71-118	13	17	
Trichloroethene	18		1.0	ug/L	20.0	0.15 U	90	74-119	14	22	
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*53-136*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*99*	*67-129*			
Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*59-134*			

Volatile Organic Compounds by GCMS SIM Isotope Dilution - Quality Control

Batch 6E09014 - EPA 5030B_MS

Blank (6E09014-BLK1) Prepared: 05/09/2016 00:00 Analyzed: 05/09/2016 12:04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dioxane	1.2	U	2.0	ug/L							
Toluene-d8	*4.7*			*ug/L*	*5.00*		*94*	*79-127*			

LCS (6E09014-BS1) Prepared: 05/09/2016 00:00 Analyzed: 05/09/2016 10:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dioxane	24		2.0	ug/L	25.0		98	80-133			
Toluene-d8	*4.5*			*ug/L*	*5.00*		*91*	*79-127*			

LCS Dup (6E09014-BSD1) Prepared: 05/09/2016 00:00 Analyzed: 05/09/2016 11:32

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dioxane	25		2.0	ug/L	25.0		100	80-133	2	19	
Toluene-d8	*4.5*			*ug/L*	*5.00*		*89*	*79-127*			

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
ND	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
P	Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

ENCO

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

www.encolabs.com

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page 1 of 1

Client Name: Aquafusion Environmental Services, Inc. (AQ010)	Project Number: [none]
Address: 324 Old Forest Creek Dr.	Project Name/Desc: Weck
City/ST/Zip: Chapel Hill, NC 27514	PO # / Billing Info
Tel: (919) 929-2593 Fax:	Reporting Contact: Jan Smith
Sampler(s) Name, Affiliation (Print): Janis Rohis	Billing Contact: Jan Smith
Sampler(s) Signature: JS for James Rohir	Site Location / Time Zone

Requested Analyses: 8260B,8260B Extended; 8260B,8260B Extended,8260C SIM ID

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: CZ04911

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B,8260B Extended	8260B,8260B Extended,8260C SIM ID	Sample Comments
1	~~MW~~ M-4-150	5/2/16	See Vial labels	1649	WA	6		X	
2	M-4-50R			1628	WA	3	X		
3	M-4-200R			700	WA	3	X		
				5-4-16	WA	3	X		
4	Trip Blank				WA	4		X	

<-- Total # of Containers

Sample Kit Prepared By: Ray	Date/Time: 4/23	Relinquished By: [signature]	Date/Time: 5/4/16 1048	Received By: [signature]	Date/Time: 5-4-16 1048		
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time		
		Relinquished By	Date/Time	Received By	Date/Time		
		Cooler #'s & Temps on Receipt: 0.6°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable			

Matrix : **GW**-Groundwater **SO**-Soil **DW**-Drinking Water **SE**-Sediment **SW**-Surface Water **WW**-Wastewater **A**-Air **O**-Other (detail in comments) **Preservation:** **I**-Ice **H**-HCl **N**-HNO3 **S**-H2SO4 **NO**-NaOH **O**-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

APPENDIX D

HISTORICAL DATA

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1800

Chemical Parameter	NC2L 1/1/10	NC2B	9G1800 9/23/99	9G1800 7/14/00	9G1800 8/17/00	9G1800 11/4/00	9G1800 3/22/01	9G1800 5/24/01	9G1800 11/8/01
1,1,1,2-Tetrachloroethane	1.			1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500.	**2.4**	**1**	**2**	**4**	1 U	1 U	**3**
1,1,2,2-Tetrachloroethane	0.2	4.		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16.		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/ L	**0.51**	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**5.9**	**3**	**5**	**9**	1 U	1 U	**8**
1,1-Dichloropropene				1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene				1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200.		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61.		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390.		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	0.02	0.31		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470.		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37.	0 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15.		1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630.		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390.		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100.		1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	4000.	160 mg/L		25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26.		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L		25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3.		100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	51.		1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene				1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17.		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140.		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.			1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.			1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140.		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550.		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170.		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96.		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12.		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.			1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.			5 U	5 U	**7**	5 U	5 U	**7**
Diisopropyl ether (DIPE)	70.	50.						1 U	1 U
Ethylbenzene	600.	97.		1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	18.		1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	70.	320.		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500.		1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96.		5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330.		1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200.		1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene	25.			1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	11.		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12.		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30.	0 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.								
Vinyl Chloride	0.03	2.4		1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.								
Xylene,o-		800.		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800.		2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1801/SW-4

Chemical Parameter	NC2L 1/1/10	NC2B 2/5/2010	SW-4 3/21/1997	SW-4 8/27/1999	9G1801 9/23/99	SW-4 2/21/2000	9G1801 7/14/00	9G1801 8/17/00	9G1801 8/20/00	9G1801 11/4/00	9G1801 3/22/01
1,1,1,2-Tetrachloroethane	1.		1 U	0.66 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.		**2**	0.54 U	0 U	1 U	1 U	1 U	1 U	**2**	1 U
1,1,2,2-Tetrachloroethane	0.2		1 U	0.8 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6		1 U	0.89 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.		**0.3 J**	0.45 U	0 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5400.	**5**	**0.6 J**	0 U	1 U	1 U	1 U	1 U	**3**	1 U
1,1-Dichloropropene				0.74 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene			1 U	1.18 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005		1 U	0.87 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1.02 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.		1 U	0.51 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04			1.24 U		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02			0.48 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.		1 U	0.78 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4		1 U	0.64 U	0 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6		1 U	0.48 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.		1 U	0.5 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.		1 U	0.67 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				0.73 U		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.		1 U	0.75 U		1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				0.56 U		1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.			3.1 U		25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U		5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.		1 U	0.51 U		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			4.08 U		5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			0.53 U		1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone				3.15 U		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.		25 U	3.9 U		25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.			25 U		100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile				25 U		100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.		1 U	0.4 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene			1 U	0.69 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				0.75 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6		1 U	0.91 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.		1 U	0.84 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.		1 U	0.58 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.		1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3		1 U	0.62 U		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.		1 U	0.54 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.		1 U	0.69 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.		**0.5 J**	0.67 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.		1 U	0.86 U		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.		1 U	0.5 U		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	0.67 U		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			0.79 U		1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane			1 U								
Dibromomethane	70.		1 U	0.5 U		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.		**44**	0.81 U		5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.		1 U	0.81 U		1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4			0.81 U		1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.		1 U	1.67 U		1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.		5 U	9.7 U		5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.		1 U	1.67 U		1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.		1 U	0.54 U		1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.		1 U	0.44 U		1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U		1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			0.69 U		1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7		1 U	0.51 U		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.		1 U	0.95 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.		1 U	0.33 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	0.81 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				1 U		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.		1 U	0.5 U	0 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.		1 U	0.39 U		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.		1 U								
Vinyl Chloride	0.03		1 U	0.72 U		1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-			1 U	0.46 U		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U		2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1801/SW-4

Chemical Parameter	NC2L 1/1/10	9G1801 3/22/01	9G1801 5/24/01	9G1801 11/8/01	9G1801 5/17/02	9G1801 11/18/02	9G1801 5/20/03	NC2B	9G1801 11/11/03	9G1801 5/11/04	9G1801 11/16/2004
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	**1**	1 U	1 U	1 U	2500	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	4	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	16	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	20 mg/L	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	**3**	1 U	1 U	1 U	5.4 mg/L	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	2200	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	61	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	390	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	0.13	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	0.31	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	470	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	37	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	15	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	630	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	390	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	100	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	160 mg/L	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	26	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	2 mg/L	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U	3			
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U	0.25			
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	51	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	17	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	140	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1.6	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	140	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	550	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	170	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	96	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	4.9 mg/L	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	12	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Dibromodichloromethane											
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	50	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	97	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	18	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	320	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1500	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	96	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	330	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	3200	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	3.3	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	**1**	11	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	10 mg/L	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	12	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	30	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	67 mg/L	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	2.4	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	800	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	800	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1801/SW-4

Chemical Parameter	NC2L 1/1/10	9G1801 5/17/2005	9G1801 11/16/2005	9G1801 5/16/2006	9G1801 5/21/2007	9G1801 11/5/2007	9G1801 5/13/2008	9G1801 11/3/2008	9G1801 5/18/2009	9G1801 11/2/2009	9G1801 5/3/2010
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	**1.45**	**1.38**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**1.04**	**4.11**	**3.73**	1 U	**2.18**	1 U	**2.68**	1 U	1 U	**2.27**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	**1.02**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane											
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1801/SW-4

Chemical Parameter	NC2L 1/1/10	9G1801 11/1/2010	9G1801 5/12/2011
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	**2.5 J**	5 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1 U
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromodichloromethane			
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1802/SW-1

Chemical Parameter	NC2L 1/1/10	NC2B	SW-1 3/21/1997	SW-1 8/27/1999	9G1802 9/23/99	SW-1 2/21/2000	9G1802 7/14/00	9G1802 8/20/00	9G1802 11/4/00	SW-1 5/24/01	SW-1 11/8/01
1,1,1,2-Tetrachloroethane	1.		0.5 U	0.66 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500.	0.5 U	0.54 U	0 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4.	0.5 U	0.8 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16.	0.5 U	0.89 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	0.5 U	0.45 U	0 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**0.8**	0.55 U	0 U	**2**	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene				0.74 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene			0.5 U	1.18 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200.	0.5 U	0.87 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61.	0.5 U	1.02 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390.	0.5 U	0.51 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		1.24 U		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		0.48 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470.	0.5 U	0.78 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37.	0.5 U	0.64 U	0 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15.	0.5 U	0.48 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630.	0.5 U	0.5 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390.	0.5 U	0.67 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				0.73 U		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100.	0.5 U	0.75 U		1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				0.56 U		1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		3.1 U		25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U		5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.		0.5 U	0.51 U		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			4.08 U		5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			0.53 U		1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26.		3.15 U		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L	10 U	3.9 U		25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3.		25 U		100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		25 U		100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	51.	0.5 U	0.4 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene			0.5 U	0.69 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				0.75 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17.	0.5 U	0.91 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140.	0.5 U	0.84 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.		0.5 U	0.58 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.		0.5 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6	0.5 U	0.62 U		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140.	0.5 U	0.54 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550.	0.5 U	0.69 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170.	0.5 U	0.67 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96.	0.5 U	0.86 U		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L	0.5 U	0.5 U		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12.	0.5 U	0.67 U		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			0.79 U		1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane			0.5 U			1 U					
Dibromomethane	70.		0.5 U	0.5 U		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.		**5**	0.81 U		5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50.								5 U	1 U
Ethylbenzene	600.	97.	0.5 U	0.81 U		1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	18.		0.81 U		1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320.	0.5 U	0.42 U		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500.	0.5 U	1.67 U		1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96.	2 U	9.7 U		5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330.	0.5 U	1.67 U		1 U	1 U	1 U	1 U	5 U	1 U
N-Butylbenzene	70.		0.5 U	0.54 U		1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200.	0.5 U	0.44 U		1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.55 U		1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.		0.5 U	0.47 U		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			0.69 U		1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.		0.5 U	0.46 U		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3	0.5 U	0.51 U		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	11.	0.5 U	0.95 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L	0.5 U	0.33 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12.	0.5 U	0.81 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				1 U		5 U	5 U	5 U	5 U	1 U	1 U
Trichloroethene	3.	30.	0.5 U	0.5 U	0 U	1 U	1 U	1 U	1 U	5 U	1 U
Trichlorofluoromethane	2000.	67 mg/L	0.5 U	0.39 U		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.		0.5 U								
Vinyl Chloride	0.03	2.4	0.5 U	0.72 U		1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.	670									
Xylene,o-		800.	0.5 U	0.46 U		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800.	1 U	0.83 U		2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1802/SW-1

Chemical Parameter	NC2L 1/1/10	SW-1 5/17/02	SW-1 11/18/02	SW-1 5/20/03	SW-1 11/11/03	SW-1 5/11/04	SW-1 11/16/2004	SW-1 5/17/2005	SW-1 11/16/2005	SW-1 5/16/2006	SW-1 11/13/2006
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.43**	**1.81**	**1.81**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.96**	**5.07**	**1.5**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U							
Acrylonitrile		100 U	100 U	100 U							
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane											
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for 9G1802/SW-1

Chemical Parameter	NC2L 1/1/10	SW-1 5/21/2007	SW-1 11/5/2007	SW-1 5/13/2008	SW-1 11/3/2008	SW-1 5/18/2009	SW-1 11/2/2009	SW-1 5/3/2010	SW-1 11/1/2010	SW-1 5/2/2011
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**2.13**	**1.91**	1 U	**1.17**	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**6.39**	**6.04**	1 U	**4.12**	**3.52**	1 U	**3.23**	**1.8**	**0.87 J**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**3 J**	5 U
Acrolein	4.									
Acrylonitrile										
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane										
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.7 J**	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1855

Chemical Parameter	NC2L 1/1/10	NC2B	9G1855 9/23/99	SW-9G1855 10/29/99	9G1855 2/21/00	9G1855 5/31/00	9G1855 7/14/00	9G1855 8/17/00	9G1855 11/4/00	9G1855 3/22/01	700 = 9G185 3/22/01
1,1,1,2-Tetrachloroethane	1.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	**7.1**	**3**	1 U	**3**	**2**	**2**	**7**	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	**1.2**	1 U	1 U	1 U	1 U	1 U	**1**	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**14**	**9**	1 U	**7**	**5**	**5**	**16**	1 U	1 U
1,1-Dichloropropene				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	51		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.			**12**	5 U	**7**	5 U	5 U	**11**	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50									
Ethylbenzene	600.	97		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	18		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	11		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30	**0.27**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		800		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1855

Chemical Parameter	NC2L 1/1/10	9G1855 5/24/01	9G1855 11/8/01	9G1855 5/21/02	9G1855 11/18/02	9G1855 5/20/03	9G1855 11/11/03	9G1855 5/11/04	9G1855 11/16/04	9G1855 5/17/05	9G1855 11/16/05
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**3**	**6**	**4**	1 U	**1**	**3**	**2.31**	**2.11**	**2.81**	**1.49**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	**1**	**2**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**9**	**16**	**6**	1 U	**4**	**10**	**7.79**	**6.53**	**7.61**	**4.62**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U					
Acrylonitrile		100 U	100 U	100 U	100 U	100 U					
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.02**
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	**9**	**12**	**11**	1 U	**5**	**8**	**8.62**	**5.5**	**5.96**	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	**1**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	**3**	1 U	**1**	**1**	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1855

Chemical Parameter	NC2L 1/1/10	9G1855 5/16/06	9G1855 11/13/06	9G1855 5/13/08	9G1855 11/3/08	9G1855 5/18/09	9G1855 5/3/10	9G1855 11/1/10	9G1855 5/12/11
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**2.4**	1 U	**1.48**	**1.44**	**1.52**	**2.9**	**2.7**	**3.3**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	**1.59**	**0.84 J**	**1.2**
1,1-Dichloroethene	350.	**6.46**	**2.8**	**4.97**	**5.09**	**5.99**	**12.6**	**11**	**14**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	**2.5 J**	5 U
Acrolein	4.								
Acrylonitrile									
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	**1.06**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	**4.1**	**4.8**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.								
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.								
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1856

Chemical Parameter	NC2L 1/1/10	NC2B	9G1856 9/23/99	9G1856 7/14/00	9G1856 8/17/00	9G1856 11/4/00	9G1856 3/22/01	9G1856 11/8/01
1,1,1,2-Tetrachloroethane	1.			1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	**7.9**	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16		1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	**1.4**	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**21**	1 U	**1**	**4**	1 U	**1**
1,1-Dichloropropene				1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene				1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200		1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61		1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390		1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470		1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15		1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630		1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390		1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100		1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26		5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L		25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3		100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		100 U	100 U	100 U	100 U	100 U
Benzene	1.	51		1 U	1 U	1 U	1 U	1 U
Bromobenzene				1 U	1 U	1 U	1 U	1 U
Bromochloromethane				1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17		1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140		1 U	1 U	1 U	1 U	1 U
Bromomethane	10.			1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.			1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6		1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140		1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550		1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170		1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96		1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L		1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.			1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.			5 U	5 U	**12**	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50						1 U
Ethylbenzene	600.	97		1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	18		1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320		1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500		1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96		5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330		1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.			1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200		1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.			1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U
Styrene	70.			1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3		1 U	1 U	1 U	1 U	1 U
Toluene	600.	11		1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L		1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30	0 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L		1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.							
Vinyl Chloride	0.03	2.4		1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.							
Xylene,o-		800		1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800		2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1857

Chemical Parameter	NC2L 1/1/10	NC2B	9G1857 9/23/99	SW-9G1857 10/29/99	9G1857 2/21/00	9G1857 5/31/00	9G1857 7/14/00	9G1857 8/17/00	9G1857 11/4/00	9G1857 3/22/01	9G1857 11/8/01
1,1,1,2-Tetrachloroethane	1.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	**9.5**	1 U	**4**	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	**2**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**29**	1 U	**10**	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	**0.35**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	51		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170		19	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.			5 U	**13**	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50									1 U
Ethylbenzene	600.	97		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	18		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	11		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30	**0.3**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		800		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1858

Chemical Parameter	NC2L 1/1/10	NC2B	9G1858 9/23/99	9G1858 7/14/00	9G1858 8/17/00	9G1858 11/4/00	9G1858 3/22/01	9G1858 11/8/01
1,1,1,2-Tetrachloroethane	1.			1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	**0.43**	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16		1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	**0.31**	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**2**	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene				1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene				1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200		1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61		1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390		1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470		1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15		1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630		1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390		1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100		1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26		5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L		25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3		100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		100 U	100 U	100 U	100 U	100 U
Benzene	1.	51		1 U	1 U	1 U	1 U	1 U
Bromobenzene				1 U	1 U	1 U	1 U	1 U
Bromochloromethane				1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17		1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140		1 U	1 U	1 U	1 U	1 U
Bromomethane	10.			1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.			1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6		1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140		1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550		1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170		1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96		1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L		1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.			1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.			5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50						1 U
Ethylbenzene	600.	97		1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	18		1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320		1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500		1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96		5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330		1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.			1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200		1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.			1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U
Styrene	70.			1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.			1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3		1 U	1 U	1 U	1 U	1 U
Toluene	600.	11		1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L		1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30	0 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L		1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.							
Vinyl Chloride	0.03	2.4		1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.							
Xylene,o-		800		1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800		2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well 9G1859

Chemical Parameter	NC2L 1/1/10	NC2B	9G1859 9/23/99	9G1859 7/14/00	9G1859 8/17/00	9G1859 11/4/00
1,1,1,2-Tetrachloroethane	1.			1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	0 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4		1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16		1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	0 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	0 U	1 U	1 U	1 U
1,1-Dichloropropene				1 U	1 U	1 U
1,2,3-Trichlorobenzene				1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200		1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61		1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390		1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470		1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	0 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15		1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630		1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390		1 U	1 U	1 U
1,3-Dichloropropane				1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100		1 U	1 U	1 U
2,2-Dichloropropane				1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	1 U	1 U
2-Hexanone	40.			5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	1 U	1 U
4-Methyl-2-pentanone		26		5 U	5 U	5 U
Acetone	6000.	2 mg/L		25 U	25 U	25 U
Acrolein	4.	3		100 U	100 U	100 U
Acrylonitrile		0.25		100 U	100 U	100 U
Benzene	1.	51		1 U	1 U	1 U
Bromobenzene				1 U	1 U	1 U
Bromochloromethane				1 U	1 U	1 U
Bromodichloromethane	0.6	17		1 U	1 U	1 U
Bromoform	4.	140		1 U	1 U	1 U
Bromomethane	10.			1 U	1 U	1 U
Carbon Disulfide	700.			1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6		1 U	1 U	1 U
Chlorobenzene	50.	140		1 U	1 U	1 U
Chloroethane	3000.	550		1 U	1 U	1 U
Chloroform	70.	170		1 U	1 U	1 U
Chloromethane	3.	96		1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L		1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	1 U	1 U
Dibromomethane	70.			1 U	1 U	1 U
Dichlorodifluoromethane	1000.			5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50				
Ethylbenzene	600.	97		1 U	1 U	1 U
Hexachlorobutadiene	0.4	18		1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320		1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500		1 U	1 U	1 U
Methylene chloride	5.	96		5 U	5 U	5 U
Naphthalene	6.	330		1 U	1 U	1 U
N-Butylbenzene	70.			1 U	1 U	1 U
N-Propylbenzene	70.	3200		1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.			1 U	1 U	1 U
Sec-butylbenzene	70.			1 U	1 U	1 U
Styrene	70.			1 U	1 U	1 U
Tert-butylbenzene	70.			1 U	1 U	1 U
Tetrachloroethene	0.7	3.3		1 U	1 U	1 U
Toluene	600.	11		1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L		1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12		1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	5 U	5 U
Trichloroethene	3.	30	0 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L		1 U	1 U	1 U
Vinyl Acetate	88.					
Vinyl Chloride	0.03	2.4		1 U	1 U	1 U
Xylene (total)	500.					
Xylene,o-		800		1 U	1 U	1 U
Xylenes,m+p-		800		2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well SW-2

Chemical Parameter	NC2L 1/1/10	NC2B	SW-2 3/21/1997	SW-2 8/27/1999	SW-2 2/21/2000	SW-2 11/4/2000	SW-2 11/8/2001	SW-2 5/20/2002	SW-2 11/18/2002	SW-2 5/20/2003	SW-2 11/11/2003
1,1,1,2-Tetrachloroethane	1.		0.5 U	0.66 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	0.5 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4	0.5 U	0.8 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16	0.5 U	0.89 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	0.5 U	0.45 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	**0.5**	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene				0.74 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene			0.5 U	1.18 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200	0.5 U	0.87 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61	0.5 U	1.02 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390	0.5 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		1.24 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		0.48 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470	0.5 U	0.78 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	0.5 U	0.64 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15	0.5 U	0.48 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390	0.5 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				0.73 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100	0.5 U	0.75 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				0.56 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		3.1 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.		0.5 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			4.08 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			0.53 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26		3.15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L	10 U	**4 J**	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3		25 U	100 U	100 U	100 U	100 U	100 U	100 U	
Acrylonitrile		0.25		25 U	100 U	100 U	100 U	100 U	100 U	100 U	
Benzene	1.	51	0.5 U	0.4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene			0.5 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				0.75 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17	0.5 U	0.91 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140	0.5 U	0.84 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.		0.5 U	0.58 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.		0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6	0.5 U	0.62 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140	0.5 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550	0.5 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170	0.5 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96	0.5 U	0.86 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12	0.5 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			0.79 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane			0.5 U								
Dibromomethane	70.		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	97	**4**	0.81 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	50					1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	18	0.5 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4			0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320	0.5 U	0.42 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500	0.5 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96	2 U	9.7 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330	0.5 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.		0.5 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200	0.5 U	0.44 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.		0.5 U	0.47 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.		0.5 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3	0.5 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	11	0.5 U	0.95 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L	0.5 U	0.33 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12	0.5 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L	0.5 U	0.39 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.		0.5 U								
Vinyl Chloride	0.03	2.4	0.5 U	0.72 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		800	0.5 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800	1 U	0.83 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well SW-2

Chemical Parameter	NC2L 1/1/10	SW-2 5/17/2005	SW-2 11/16/2005	SW-2 5/15/2006
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	**1.49**	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	**4.02**	1 U
1,1-Dichloropropene		1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U
Acrolein	4.			
Acrylonitrile				
Benzene	1.	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U
Chloroform	70.	1 U	**1.02**	1 U
Chloromethane	3.	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U
Dibromodichloromethane				
Dibromomethane	70.	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U
Vinyl Acetate	88.			
Vinyl Chloride	0.03	1 U	1 U	1 U
Xylene (total)	500.			
Xylene,o-		1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well SW-3

Chemical Parameter	NC2L 1/1/10	NC2B	SW-3 3/21/1997	SW-3 8/27/1999	SW-3 2/21/2000	SW-3 8/20/2000	SW-3 11/4/2000	SW-3 5/24/2001	SW-3 11/8/2001	SW-3 5/20/2002	SW-3 11/18/2002
1,1,1,2-Tetrachloroethane	1.		0.5 U	0.66 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	2500	0.5 U	0.54 U	1 U	1 U	1 U	1 U	1	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4	0.5 U	0.8 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	16	0.5 U	0.89 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	20 mg/L	0.5 U	0.45 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5.4 mg/L	0.5 U	0.55 U	1 U	1 U	1 U	1 U	3	1 U	1 U
1,1-Dichloropropene				0.74 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene			0.5 U	1.18 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	2200	0.5 U	0.87 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	61	0.5 U	1.02 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	390	0.5 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	0.13		1.24 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.31		0.48 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	470	0.5 U	0.78 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	37	0.5 U	0.64 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	15	0.5 U	0.48 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	630	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	390	0.5 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				0.73 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	100	0.5 U	0.75 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				0.56 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	160 mg/L		3.1 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.		0.5 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			4.08 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			0.53 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		26		3.15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	2 mg/L	10 U	3.9 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	3		25 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		0.25		25 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	51	0.5 U	0.4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene			0.5 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				0.75 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	17	0.5 U	0.91 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	140	0.5 U	0.84 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.		0.5 U	0.58 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.		0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1.6	0.5 U	0.62 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	140	0.5 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	550	0.5 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	170	0.5 U	0.67 U	3	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	96	0.5 U	0.86 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4.9 mg/L	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12	0.5 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			0.79 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane			0.5 U					1 U	1 U	1 U	1 U
Dibromomethane	70.		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	50	0.5 U	0.81 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	97						1 U	1 U	1 U	1 U
Ethylbenzene	600.	18	0.5 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4			0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	320	0.5 U	0.42 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1500	0.5 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	96	2 U	9.7 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	330	0.5 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.		0.5 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	3200	0.5 U	0.44 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.		0.5 U	0.47 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.		0.5 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	3.3	0.5 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	11	0.5 U	0.95 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	10 mg/L	0.5 U	0.33 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12	0.5 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	30	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	67 mg/L	0.5 U	0.39 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.		0.5 U								
Vinyl Chloride	0.03	2.4	0.5 U	0.72 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		800	0.5 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		800	1 U	0.83 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well SW-3

Chemical Parameter	NC2L 1/1/10	SW-3 5/20/2003	SW-3 11/11/2003	SW-3 5/17/2005	SW-3 11/16/2005	SW-3 5/15/2006
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	**1.44**	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	**4.16**	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U				
Acrylonitrile		100 U				
Benzene	1.	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U
Dibromodichloromethane		1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.					
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.					
Xylene,o-		1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-1D

Chemical Parameter	NC2L 1/1/10	CW-1D 3/19/97	CW-1D 11/22/97	CW-1D 2/24/98	CW-1D 5/27/98	CW-1-D 8/25/98	CW-1-D 11/19/98	CW-1-D 2/23/99	CW-1-D 8/24/99	CW-1-D 2/20/00	CW-1-D 8/20/00
1,1,1,2-Tetrachloroethane	1.		1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	5	0.8	1	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5	0.08	1	1	0.8 J	1 U	0.6 J	0.5 J	1 U	1 U
1,1-Dichloroethene	350.	7	1	2	2	2	1	1	0.7 J	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene		0.5 U	1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	0.5 U	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.		1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.55 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	2	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.		1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.		1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.6	1 U	0.4 U	1 U	0.6 J	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene			1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6		1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.		1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.		1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	5	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	2	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4		1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.		1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.7	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.5 U	1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.	0.5 U	1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.	0.5 U	1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.	0.5 U	1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	8	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.		1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.	0.5 U									
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	6									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-1D

Chemical Parameter	NC2L 1/1/10	CW-1D 11/4/00	CW-1D 5/21/01	CW-1D 11/6/01	CW-1D 5/16/02
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U
Acrylonitrile		100 U	100 U	100 U	100 U
Benzene	1.	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U
Xylene (total)	500.				
Xylene,o-		1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-1S

Chemical Parameter	NC2L 1/1/10	CW-1S 3/19/97	CW-1S 11/22/97	CW-1S 2/24/98	CW-1S 5/27/98	CW-1-S 8/25/98	CW-1-S 11/19/98	CW-1S 2/23/99	CW-1-S 8/24/99	CW-1-S 2/20/00	CW-1-S 8/20/00
1,1,1,2-Tetrachloroethane	1.		1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene		0.5 U	1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	0.5 U	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.		1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.55 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.		1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.		1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene			1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6		1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.		1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.		1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4		1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.		1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.5 U	1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.	0.5 U	1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.	0.5 U	1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.	0.5 U	1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.		1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.	0.5 U									
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-1S

Chemical Parameter	NC2L 1/1/10	CW-1S 11/4/00	CW-1S 5/21/01	CW-1S 11/6/01	CW-1S 5/16/02
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U
Acrylonitrile		100 U	100 U	100 U	100 U
Benzene	1.	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U
Xylene (total)	500.				
Xylene,o-		1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-2S

Chemical Parameter	NC2L 1/1/10	CW-2S 3/19/97	CW-2S 11/22/97	CW-2S 2/24/98	CW-2S 5/27/98	CW-2 8/28/98	CW-2 11/19/98	CW-2 2/23/99	CW-2 8/24/99	CW-2 2/20/00	CW-2 8/20/00
1,1,1,2-Tetrachloroethane	1.		1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	1	0.6	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene		0.5 U	1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	0.5 U	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.		1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.55 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.		1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.		1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene			1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6		1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.		1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.		1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4		1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.		1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	21	18	3	5 U	10	9	10	8	8	14
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.5 U	1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.	0.5 U	1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.	0.5 U	1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.	0.5 U	1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.6	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.		1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.	0.5 U									
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-2S

Chemical Parameter	NC2L 1/1/10	CW-2 11/4/00	CW-2 5/21/01	CW-2 11/6/01	CW-2 5/16/02
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U
Acrylonitrile		100 U	100 U	100 U	100 U
Benzene	1.	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	11	12	18	20
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U
Xylene (total)	500.				
Xylene,o-		1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3D

Chemical Parameter	NC2L 1/1/10	CW-3D 3/19/97	CW-3D 11/22/97	CW-3D 2/24/98		CW-3D 5/27/98	CW-3D 8/28/98	CW-3-D 11/19/98	CW-3-D 2/23/99	CW-3-D 8/24/99		CW-3-D 2/20/00	CW-3-D 8/20/00
1,1,1,2-Tetrachloroethane	1.		4 U	0.66 U		1 U	26 U	40 U	0.66 U	0.66 U		40 U	20 U
1,1,1-Trichloroethane	200.	0.5 U	4 U	0.54 U		1 U	22 U	40 U	0.54 U	**0.6**	J	40 U	20 U
1,1,2,2-Tetrachloroethane	0.2		4 U	0.8 U		1 U	32 U	40 U	0.8 U	0.8 U		40 U	20 U
1,1,2-Trichloroethane	0.6	0.5 U	4 U	0.89 U		1 U	36 U	40 U	0.89 U	0.89 U		40 U	20 U
1,1-Dichloroethane	6.	0.5 U	4 U	0.45 U		1 U	18 U	40 U	0.45 U	**2**		40 U	20 U
1,1-Dichloroethene	350.	0.5 U	4 U	**0.9**	J	**3**	22 U	40 U	**11**	**8**		40 U	20 U
1,1-Dichloropropene			4 U	0.74 U		1 U	30 U	40 U	0.74 U	0.74 U		40 U	20 U
1,2,3-Trichlorobenzene		0.5 U	4 U	1 U		1 U	47 U	40 U	1.18 U	1.18 U		40 U	20 U
1,2,3-Trichloropropane	0.005	0.5 U	4 U	0.87 U		1 U	35 U	40 U	0.87 U	0.87 U		40 U	20 U
1,2,4-Trichlorobenzene	70.	0.5 U	4 U	1 U		1 U	41 U	40 U	1.02 U	1.02 U		40 U	20 U
1,2,4-Trimethylbenzene	400.	0.5 U	4 U	0.51 U		1 U	20 U	40 U	0.51 U	0.51 U		40 U	20 U
1,2-Dibromo-3-chloropropane	0.04		20 U	1.2 U		5 U	50 U	200 U	1.24 U	1.24 U		200 U	100 U
1,2-Dibromoethane (Ethylene di	0.02		4 U	0.48 U		1 U	19 U	40 U	0.48 U	0.48 U		40 U	20 U
1,2-Dichlorobenzene	20.		4 U	0.78 U		1 U	31 U	40 U	0.78 U	0.78 U		40 U	20 U
1,2-Dichloroethane	0.4	0.5 U	4 U	0.55 U		1 U	26 U	40 U	0.64 U	0.64 U		40 U	20 U
1,2-Dichloropropane	0.6		4 U	0.48 U		1 U	19 U	40 U	0.48 U	0.48 U		40 U	20 U
1,3,5-Trimethylbenzene	400.	0.5 U	4 U	0.5 U		1 U	20 U	40 U	0.5 U	0.5 U		40 U	20 U
1,3-Dichlorobenzene	200.		4 U	0.67 U		1 U	27 U	40 U	0.67 U	0.67 U		40 U	20 U
1,3-Dichloropropane			4 U	0.73 U		1 U	29 U	40 U	0.73 U	0.73 U		40 U	20 U
1,4-Dichlorobenzene	6.		4 U	0.75 U		1 U	30 U	40 U	0.75 U	0.75 U		40 U	20 U
2,2-Dichloropropane			4 U	0.56 U		1 U	22 U	40 U	0.56 U	0.56 U		40 U	20 U
2-Butanone (MEK)	4000.		100 U	3.1 U		25 U	120 U	1000 U	3.1 U	3.1 U		1000 U	500 U
2-Chloroethyl Vinyl Ether			20 U	0.89 U		5 U	36 U	200 U	0.89 U	0.89 U		200 U	100 U
2-Chlorotoluene	100.		4 U	0.51 U		1 U	20 U	40 U	0.51 U	0.51 U		40 U	20 U
2-Hexanone	40.		20 U	4.1 U		5 U	160 U	200 U	4.08 U	4.08 U		200 U	100 U
4-Chlorotoluene	24.		4 U	0.53 U		1 U	21 U	40 U	0.53 U	0.53 U		40 U	20 U
4-Methyl-2-pentanone			20 U	3.1 U		5 U	130 U	200 U	3.15 U	3.15 U		200 U	100 U
Acetone	6000.	10 U	100 U	3.9 U		25 U	160 U	1000 U	3.9 U	3.9 U		1000 U	500 U
Acrolein	4.		200 U	25 U		50 U	1000 U	4000 U	25 U	25 U		4000 U	2000 U
Acrylonitrile			200 U	25 U		50 U	1000 U	4000 U	25 U	25 U		4000 U	2000 U
Benzene	1.	0.5 U	4 U	0.4 U		1 U	16 U	40 U	0.4 U	**0.6 J**		40 U	20 U
Bromobenzene			4 U	0.69 U		1 U	28 U	40 U	0.69 U	0.69 U		40 U	20 U
Bromochloromethane			4 U	0.75 U		1 U	30 U	40 U	0.75 U	0.75 U		40 U	20 U
Bromodichloromethane	0.6		4 U	0.91 U		1 U	36 U	40 U	0.91 U	0.91 U		40 U	20 U
Bromoform	4.		4 U	0.84 U		1 U	34 U	40 U	0.84 U	0.84 U		40 U	20 U
Bromomethane	10.		4 U	0.58 U		1 U	23 U	40 U	0.58 U	0.58 U		40 U	20 U
Carbon Disulfide	700.	0.5 U	4 U	1 U		1 U	40 U	40 U	1 U	1 U		40 U	20 U
Carbon Tetrachloride	0.3	0.5 U	4 U	0.62 U		1 U	25 U	40 U	0.62 U	0.62 U		40 U	20 U
Chlorobenzene	50.		4 U	0.54 U		1 U	22 U	40 U	0.54 U	0.54 U		40 U	20 U
Chloroethane	3000.		4 U	0.69 U		1 U	28 U	40 U	0.69 U	0.69 U		40 U	20 U
Chloroform	70.	0.5 U	4 U	0.67 U		1 U	27 U	40 U	0.67 U	0.67 U		40 U	20 U
Chloromethane	3.	0.5 U	4 U	0.86 U		1 U	34 U	40 U	0.86 U	0.86 U		40 U	20 U
cis-1,2-Dichloroethene	70.	0.5 U	4 U	0.5 U		1 U	20 U	40 U	0.5 U	0.5 U		40 U	20 U
cis-1,3-Dichloropropene	0.4		4 U	0.67 U		1 U	27 U	40 U	0.67 U	0.67 U		40 U	20 U
Dibromochloromethane	0.4		4 U	0.79 U		1 U	32 U	40 U	0.79 U	0.79 U		40 U	20 U
Dibromomethane	70.		4 U	0.5 U		1 U	20 U	40 U	0.5 U	0.5 U		40 U	20 U
Dichlorodifluoromethane	1000.	**16**	**72**	**140**		**52**	**570**	**490**	**690**	**160**		**420**	**180**
Diisopropyl ether (DIPE) (Isopro	70.												
Ethylbenzene	600.	0.5 U	4 U	0.81 U		1 U	32 U	40 U	0.81 U	0.81 U		40 U	20 U
Hexachlorobutadiene	0.4		4 U	0.81 U		1 U	32 U	40 U	0.81 U	0.81 U		40 U	20 U
Iodomethane			4 U	1 U		1 U	40 U	40 U	1 U	1 U		40 U	20 U
Isopropylbenzene (Cumene)	70.	0.5 U	4 U	0.42 U		1 U	17 U	40 U	0.42 U	0.42 U		40 U	20 U
Methyl Tert-butyl Ether	20.	0.5 U	4 U	1 U		1 U	67 U	40 U	1.67 U	1.67 U		40 U	20 U
Methylene chloride	5.	2 U	20 U	5 U		5 U	390 U	200 U	9.7 U	9.7 U		200 U	100 U
Naphthalene	6.	0.5 U	4 U	1 U		1 U	67 U	40 U	1.67 U	1.67 U		40 U	20 U
N-Butylbenzene	70.	0.5 U	4 U	0.54 U		1 U	22 U	40 U	0.54 U	0.54 U		40 U	20 U
N-Propylbenzene	70.	0.5 U	4 U	0.44 U		1 U	18 U	40 U	0.44 U	0.44 U		40 U	20 U
p-Isopropyltoluene (4-Isopropylt	25.	0.5 U	4 U	0.55 U		1 U	22 U	40 U	0.55 U	0.55 U		40 U	20 U
Sec-butylbenzene	70.	0.5 U	4 U	0.47 U		1 U	19 U	40 U	0.47 U	0.47 U		40 U	20 U
Styrene	70.		4 U	0.69 U		1 U	28 U	40 U	0.69 U	0.69 U		40 U	20 U
Tert-butylbenzene	70.	0.5 U	4 U	0.46 U		1 U	18 U	40 U	0.46 U	0.46 U		40 U	20 U
Tetrachloroethene	0.7	0.5 U	4 U	0.51 U		1 U	20 U	40 U	0.51 U	0.51 U		40 U	20 U
Toluene	600.	0.5 U	4 U	0.95 U		1 U	38 U	40 U	0.95 U	0.95 U		40 U	20 U
trans-1,2-Dichloroethene	100.	0.5 U	4 U	0.33 U		1 U	13 U	40 U	0.33 U	0.33 U		40 U	20 U
trans-1,3-Dichloropropene	0.4		4 U	0.81 U		1 U	32 U	40 U	0.81 U	0.81 U		40 U	20 U
trans-1,4-dichloro-2-butene			20 U	1 U		5 U	40 U	200 U	1 U	1 U		200 U	100 U
Trichloroethene	3.	0.5 U	4 U	0.5 U		1 U	20 U	40 U	0.5 U	0.5 U		40 U	20 U
Trichlorofluoromethane	2000.		4 U	0.39 U		1 U	16 U	40 U	0.39 U	0.39 U		40 U	20 U
Vinyl Acetate	88.	0.5 U											
Vinyl Chloride	0.03	0.5 U	4 U	0.72 U		1 U	29 U	40 U	0.72 U	0.72 U		40 U	20 U
Xylene (total)	500.	1 U											
Xylene,o-			4 U	0.46 U		1 U	18 U	40 U	0.46 U	0.46 U		40 U	20 U
Xylenes,m+p-			8 U	0.83 U		2 U	33 U	80 U	0.83 U	0.83 U		80 U	40 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3D

Chemical Parameter	NC2L 1/1/10	CW-3D 11/4/00	CW-3D 5/21/01	CW-3D 11/6/01	CW-3D 5/16/02	CW-3D 11/18/02	CW-3D 5/19/03	CW-3D 11/10/03	CW-3D 5/11/04	CW-3D 11/15/04	CW-3D 5/16/2005
1,1,1,2-Tetrachloroethane	1.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,1,1-Trichloroethane	200.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,1,2-Trichloroethane	0.6	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,1-Dichloroethane	6.	20 U	4 U	5 U	5 U	**1**	2 U	1 U	2 U	1 U	1 U
1,1-Dichloroethene	350.	20 U	**6**	**6**	**7**	**4**	**4**	**4**	**2.34**	**3.05**	**1.59**
1,1-Dichloropropene		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2,3-Trichlorobenzene		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2,3-Trichloropropane	0.005	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	100 U	20 U	25 U	25 U	5 U	10 U	5 U	10 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2-Dichlorobenzene	20.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2-Dichloroethane	0.4	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,2-Dichloropropane	0.6	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,3-Dichlorobenzene	200.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,3-Dichloropropane		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
1,4-Dichlorobenzene	6.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
2,2-Dichloropropane		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
2-Butanone (MEK)	4000.	500 U	100 U	125 U	125 U	25 U	50 U	25 U	50 U	25 U	25 U
2-Chloroethyl Vinyl Ether		100 U	20 U	25 U	25 U	5 U	10 U	5 U	10 U	5 U	5 U
2-Chlorotoluene	100.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
2-Hexanone	40.	100 U	20 U	25 U	25 U	5 U	10 U	5 U	10 U	5 U	5 U
4-Chlorotoluene	24.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
4-Methyl-2-pentanone		100 U	20 U	25 U	25 U	5 U	10 U	5 U	10 U	5 U	5 U
Acetone	6000.	500 U	100 U	125 U	125 U	25 U	50 U	25 U	50 U	25 U	25 U
Acrolein	4.	2000 U	200 U	500 U	500 U	100 U	200 U				
Acrylonitrile		2000 U	200 U	500 U	500 U	100 U	200 U				
Benzene	1.	20 U	4 U	5 U	5 U	**2**	2 U	1 U	2 U	1 U	1 U
Bromobenzene		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Bromochloromethane		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Bromodichloromethane	0.6	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Bromoform	4.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Bromomethane	10.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Carbon Disulfide	700.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Carbon Tetrachloride	0.3	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Chlorobenzene	50.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Chloroethane	3000.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Chloroform	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Chloromethane	3.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
cis-1,2-Dichloroethene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Dibromochloromethane	0.4	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Dibromomethane	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Dichlorodifluoromethane	1000.	**200**	**72**	**130**	**140**	**49**	**54**	**65**	**45.3**	**68.6**	**25.9**
Diisopropyl ether (DIPE) (Isopro	70.		4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Ethylbenzene	600.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Hexachlorobutadiene	0.4	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Iodomethane		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Methyl Tert-butyl Ether	20.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Methylene chloride	5.	100 U	20 U	25 U	25 U	5 U	10 U	5 U	10 U	5 U	5 U
Naphthalene	6.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
N-Butylbenzene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
N-Propylbenzene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Sec-butylbenzene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Styrene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Tert-butylbenzene	70.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Tetrachloroethene	0.7	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Toluene	600.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
trans-1,2-Dichloroethene	100.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
trans-1,4-dichloro-2-butene		100 U	20 U	25 U	25 U	5 U	10 U	5 U	10 U	5 U	5 U
Trichloroethene	3.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Trichlorofluoromethane	2000.	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		20 U	4 U	5 U	5 U	1 U	2 U	1 U	2 U	1 U	1 U
Xylenes,m+p-		40 U	8 U	10 U	10 U	2 U	4 U	2 U	4 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3D

Chemical Parameter	NC2L 1/1/10	CW-3D 11/15/2005	CW-3D 5/16/2006	CW-3D 5/21/2007	CW-3D 5/12/2008	CW-3D 5/18/2009	CW-3D 5/3/2010	CW-3D 5/12/2011	CW-3D 5/11/2012		CW-3D 5/15/2013		CW-3D 5/6/2014	
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	**0.44 J**	**2.7 JD**		**2.4 JD**		**2.6**	**JD**
1,1-Dichloroethene	350.	**2.48**	**1.51**	**1.29**	**1.08**	**1**	**1**	**1.9**	**16**	**D**	**18**	**D**	**15**	**D**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U		25 U	
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U		25 U		25 U	
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U		25 U		25 U	
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U		25 U		25 U	
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U		25 U	
Acrolein	4.													
Acrylonitrile														
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U		25 U		25 U	
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Dichlorodifluoromethane	1000.	**49.3**	**21.6**	**12.6**	**21.5**	**18.2**	5 U	**31**	**410**	**D**	**200**	**D**	**330**	**D**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Vinyl Acetate	88.													
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Xylene (total)	500.								15 U		15 U		15 U	
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		5 U	
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U		10 U		10 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3D

Chemical Parameter	NC2L 1/1/10	CW-3D 5/6/2015		CW-3D 5/3/2016	
1,1,1,2-Tetrachloroethane	1.	5 U		2 U	
1,1,1-Trichloroethane	200.	5 U		2 U	
1,1,2,2-Tetrachloroethane	0.2	5 U		2 U	
1,1,2-Trichloroethane	0.6	5 U		2 U	
1,1-Dichloroethane	6.	**2.4**	**JD**	**2.3**	**D**
1,1-Dichloroethene	350.	**17**	**D**	**14**	**D**
1,1-Dichloropropene		5 U		2 U	
1,2,3-Trichlorobenzene		5 U		2 U	
1,2,3-Trichloropropane	0.005	5 U		2 U	
1,2,4-Trichlorobenzene	70.	5 U		2 U	
1,2,4-Trimethylbenzene	400.	5 U		2 U	
1,2-Dibromo-3-chloropropane	0.04	5 U		2 U	
1,2-Dibromoethane (Ethylene di	0.02	5 U		2 U	
1,2-Dichlorobenzene	20.	5 U		2 U	
1,2-Dichloroethane	0.4	5 U		2 U	
1,2-Dichloropropane	0.6	5 U		2 U	
1,3,5-Trimethylbenzene	400.	5 U		2 U	
1,3-Dichlorobenzene	200.	5 U		2 U	
1,3-Dichloropropane		5 U		2 U	
1,4-Dichlorobenzene	6.	5 U		2 U	
2,2-Dichloropropane		5 U		2 U	
2-Butanone (MEK)	4000.	25 U		10 U	
2-Chloroethyl Vinyl Ether		25 U		10 U	
2-Chlorotoluene	100.	5 U		2 U	
2-Hexanone	40.	25 U		10 U	
4-Chlorotoluene	24.	5 U		2 U	
4-Methyl-2-pentanone		25 U		10 U	
Acetone	6000.	**29**	**D**	10 U	
Acrolein	4.				
Acrylonitrile					
Benzene	1.	5 U		2 U	
Bromobenzene		5 U		2 U	
Bromochloromethane		5 U		2 U	
Bromodichloromethane	0.6	5 U		2 U	
Bromoform	4.	5 U		2 U	
Bromomethane	10.	5 U		2 U	
Carbon Disulfide	700.	25 U		10 U	
Carbon Tetrachloride	0.3	5 U		2 U	
Chlorobenzene	50.	5 U		2 U	
Chloroethane	3000.	5 U		2 U	
Chloroform	70.	5 U		2 U	
Chloromethane	3.	5 U		2 U	
cis-1,2-Dichloroethene	70.	5 U		2 U	
cis-1,3-Dichloropropene	0.4	5 U		2 U	
Dibromochloromethane	0.4	5 U		2 U	
Dibromomethane	70.	5 U		2 U	
Dichlorodifluoromethane	1000.	**290**	**D**	**300**	**D**
Diisopropyl ether (DIPE) (Isopro	70.	5 U		2 U	
Ethylbenzene	600.	5 U		2 U	
Hexachlorobutadiene	0.4	5 U		2 U	
Iodomethane		5 U		2 U	
Isopropylbenzene (Cumene)	70.	5 U		2 U	
Methyl Tert-butyl Ether	20.	5 U		2 U	
Methylene chloride	5.	5 U		2 U	
Naphthalene	6.	5 U		2 U	
N-Butylbenzene	70.	5 U		2 U	
N-Propylbenzene	70.	5 U		2 U	
p-Isopropyltoluene (4-Isopropylt	25.	5 U		2 U	
Sec-butylbenzene	70.	5 U		2 U	
Styrene	70.	5 U		2 U	
Tert-butylbenzene	70.	5 U		2 U	
Tetrachloroethene	0.7	5 U		2 U	
Toluene	600.	5 U		2 U	
trans-1,2-Dichloroethene	100.	5 U		2 U	
trans-1,3-Dichloropropene	0.4	5 U		2 U	
trans-1,4-dichloro-2-butene		5 U		2 U	
Trichloroethene	3.	5 U		2 U	
Trichlorofluoromethane	2000.	5 U		2 U	
Vinyl Acetate	88.				
Vinyl Chloride	0.03	5 U		**1.4**	**JD**
Xylene (total)	500.	15 U		6 U	
Xylene,o-		5 U		2 U	
Xylenes,m+p-		10 U		2 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3S

Chemical Parameter	NC2L 1/1/10	CW-3S 3/19/97	CW-3S 11/22/97	CW-3S 2/24/98	CW-3S 5/27/98	CW-3S 8/28/98	CW-3-S 11/19/98	CW-3-S 2/23/99	CW-3-S 8/24/99	CW-3-S 2/20/00
1,1,1,2-Tetrachloroethane	1.		1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	**58 E**	1 U
1,1,2,2-Tetrachloroethane	0.2		1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	**1**	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U
1,2,3-Trichlorobenzene		0.5 U	1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U
1,2,4-Trichlorobenzene	70.	0.5 U	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U
1,2-Dibromoethane (Ethylene dil	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U
1,2-Dichlorobenzene	20.		1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.55 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U
1,2-Dichloropropane	0.6		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U
1,3-Dichlorobenzene	200.		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U
1,4-Dichlorobenzene	6.		1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U
2-Chloroethyl Vinyl Ether			5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U
2-Chlorotoluene	100.		1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U
Bromobenzene			1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U
Bromodichloromethane	0.6		1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U
Bromoform	4.		1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U
Bromomethane	10.		1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U
Chlorobenzene	50.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U
Chloroethane	3000.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U
Dibromochloromethane	0.4		1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U
Dibromomethane	70.		1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	**7**	**1**	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.									
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.5 U	1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U
Naphthalene	6.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U
N-Butylbenzene	70.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U
N-Propylbenzene	70.	0.5 U	1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U
Sec-butylbenzene	70.	0.5 U	1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U
Tert-butylbenzene	70.	0.5 U	1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	**0.5 J**	1 U
Trichlorofluoromethane	2000.		1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U
Vinyl Acetate	88.	0.5 U								
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U
Xylene (total)	500.	1 U								
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3S

Chemical Parameter	NC2L 1/1/10	CW-3-S 8/20/00	CW-3S 11/4/00	CW-3S 5/21/01	CW-3S 11/6/01	CW-3S 5/16/02	CW-3S 11/18/02	CW-3S 5/19/03	CW-3S 11/10/03	CW-3S 5/11/04
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dil	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U	100 U		
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U	100 U		
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3S

Chemical Parameter	NC2L 1/1/10	CW-3S 5/11/04	CW-3S 5/16/05	CW-3S 11/15/05	CW-3S 5/16/06	CW-3S 11/13/06	CW-3S 5/21/07	CW-3S 11/5/07	CW-3S 5/12/08	CW-3S 11/3/08
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dil	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.									
Acrylonitrile										
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3S

Chemical Parameter	NC2L 1/1/10	CW-3S 5/18/09	CW-3S 11/2/09	CW-3S 5/3/10	CW-3S 11/1/10	CW-3S 5/12/11	CW-3S 11/1/11	CW-3S 5/11/12	CW-3S 11/5/12	CW-3S 5/15/13
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dil	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U
Acrolein	4.									
Acrylonitrile										
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	**0.42 J**	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U			
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U			
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.							3 U	3 U	3 U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-3S

Chemical Parameter	NC2L 1/1/10	CW-3S 11/5/13	CW-3S 5/6/14	CW-3S 11/4/14	CW-3S 5/6/15	CW-3S 11/4/15	CW-3S 5/3/16
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dil	0.02	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	5 U	5 U	5 U	5 U	5 U	5 U
Acrolein	4.						
Acrylonitrile							
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	1 U	1 U	1 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane							
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene							
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.						
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.	3 U	3 U	3 U	3 U	3 U	3 U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well E-MW-01

Chemical Parameter	NC2L 1/1/10	E-MW-01 2/25/94	E-MW-01 8/5/94	E-MW-01 11/15/94	E-MW-01 7/31/95	E-MW-01 10/17/96	E-MW-01 3/20/97	E-MW-1 10/6/98	E-MW-1 11/19/98	E-MW-1 2/24/99	E-MW-1 8/24/99	E-MW-1 2/20/00
1,1,1,2-Tetrachloroethane	1.							0.66 U	1 U	0.66 U	0.66 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.54 U	1 U	0.54 U	0.54 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U						0.8 U	1 U	0.8 U	0.8 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.89 U	1 U	0.89 U	0.89 U	1 U
1,1-Dichloroethane	6.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.45 U	1 U	0.45 U	0.45 U	1 U
1,1-Dichloroethene	350.	2 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.55 U	1 U	0.55 U	0.55 U	1 U
1,1-Dichloropropene								0.74 U	1 U	0.74 U	0.74 U	1 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.2 U	1 U	1.18 U	1.18 U	1 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.87 U	1 U	0.87 U	0.87 U	1 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1 U	1.02 U	1.02 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.51 U	1 U	0.51 U	0.51 U	1 U
1,2-Dibromo-3-chloropropane	0.04							1.2 U	5 U	1.24 U	1.24 U	5 U
1,2-Dibromoethane (Ethylene dibromide	0.02							0.48 U	1 U	0.48 U	0.48 U	1 U
1,2-Dichlorobenzene	20.	1 U						0.78 U	1 U	0.78 U	0.78 U	1 U
1,2-Dichloroethane	0.4	1 U	0.38 U	0.5 U	0.5 U	5 U	0.5 U	0.64 U	1 U	0.64 U	0.64 U	1 U
1,2-Dichloropropane	0.6	1 U						0.48 U	1 U	0.48 U	0.48 U	1 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U
1,3-Dichlorobenzene	200.	1 U						0.67 U	1 U	0.67 U	0.67 U	1 U
1,3-Dichloropropane								0.73 U	1 U	0.73 U	0.73 U	1 U
1,4-Dichlorobenzene	6.	1 U						0.75 U	1 U	0.75 U	0.75 U	1 U
2,2-Dichloropropane								0.56 U	1 U	0.56 U	0.56 U	1 U
2-Butanone (MEK)	4000.	10 U						3.1 U	25 U	3.1 U	3.1 U	25 U
2-Chloroethyl Vinyl Ether		1 U						0.89 U	5 U	0.89 U	0.89 U	5 U
2-Chlorotoluene	100.							0.51 U	1 U	0.51 U	0.51 U	1 U
2-Hexanone	40.	2 U						4.1 U	5 U	4.08 U	4.08 U	5 U
4-Chlorotoluene	24.							0.53 U	1 U	0.53 U	0.53 U	1 U
4-Methyl-2-pentanone		2 U						3.1 U	5 U	3.15 U	3.15 U	5 U
Acetone	6000.	5 U				50 U	10 U	3.9 U	25 U	3.9 U	3.9 U	25 U
Acrolein	4.							25 U	100 U	25 U	25 U	100 U
Acrylonitrile								25 U	100 U	25 U	25 U	100 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.4 U	1 U	0.4 U	0.4 U	1 U
Bromobenzene								0.69 U	1 U	0.69 U	0.69 U	1 U
Bromochloromethane								0.75 U	1 U	0.75 U	0.75 U	1 U
Bromodichloromethane	0.6	1 U						0.91 U	1 U	0.91 U	0.91 U	1 U
Bromoform	4.	1 U						0.84 U	1 U	0.84 U	0.84 U	1 U
Bromomethane	10.	1 U						0.58 U	1 U	0.58 U	0.58 U	1 U
Carbon Disulfide	700.	2 U				5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	0.62 U	1 U	0.62 U	0.62 U	1 U
Chlorobenzene	50.	1 U						0.54 U	1 U	0.54 U	0.54 U	1 U
Chloroethane	3000.	2 U						0.69 U	1 U	0.69 U	0.69 U	1 U
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	**1**	0.67 U	1 U	0.67 U	0.67 U	1 U
Chloromethane	3.	2 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.86 U	1 U	0.86 U	0.86 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4	1 U						0.67 U	1 U	0.67 U	0.67 U	1 U
Dibromochloromethane	0.4	1 U						0.79 U	1 U	0.79 U	0.79 U	5 U
Dibromomethane	70.							0.5 U	1 U	0.5 U	0.5 U	1 U
Dichlorodifluoromethane	1000.	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.81 U	5 U	0.81 U	0.81 U	5 U
Diisopropyl ether (DIPE) (Isopropyl ethe	70.											
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.81 U	1 U	0.81 U	0.81 U	1 U
Hexachlorobutadiene	0.4							0.81 U	1 U	0.81 U	0.81 U	1 U
Iodomethane								1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.42 U	1 U	0.42 U	0.42 U	1 U
Methyl Tert-butyl Ether	20.					5 U	0.5 U	1.7 U	1 U	1.67 U	1.67 U	1 U
Methylene chloride	5.	2 U	0.5 U	0.5 U	0.5 U	10 U	2 U	9.7 U	5 U	9.7 U	9.7 U	5 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.7 U	1 U	1.67 U	1.67 U	1 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.54 U	1 U	0.54 U	0.54 U	1 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.44 U	1 U	0.44 U	0.44 U	1 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.55 U	1 U	0.55 U	0.55 U	1 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.47 U	1 U	0.47 U	0.47 U	1 U
Styrene	70.	1 U						0.69 U	1 U	0.69 U	0.69 U	1 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.46 U	1 U	0.46 U	0.46 U	1 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	**0.5 J**	0.51 U	1 U	0.51 U	0.51 U	1 U
Toluene	600.	1 U	**0.67**	**0.6**	0.5 U	5 U	0.5 U	0.95 U	1 U	0.95 U	0.95 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.33 U	1 U	0.33 U	0.33 U	1 U
trans-1,3-Dichloropropene	0.4	1 U						0.81 U	1 U	0.81 U	0.81 U	1 U
trans-1,4-dichloro-2-butene								1 U	5 U	1 U	1 U	5 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	**1 J**	0.5 U	1 U	0.5 U	0.5 U	1 U
Trichlorofluoromethane	2000.	2 U						0.39 U	1 U	0.39 U	0.39 U	1 U
Vinyl Acetate	88.	1 U				10 U	0.5 U					
Vinyl Chloride	0.03	2 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	0.72 U	1 U	0.72 U	0.72 U	1 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U					
Xylene,o-								0.46 U	1 U	0.46 U	0.46 U	1 U
Xylenes,m+p-								0.83 U	2 U	0.83 U	0.83 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well E-MW-01

Chemical Parameter	NC2L 1/1/10	E-MW-1 8/18/00	E-MW-1 11/8/00	E-MW-1 5/23/01	E-MW-1 11/7/01
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide	0.02	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U
Acrylonitrile		100 U	100 U	100 U	100 U
Benzene	1.	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	5 U	5 U	5 U	5 U
Dibromomethane	70.	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopropyl ethe	70.			1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U
Xylene (total)	500.				
Xylene,o-		1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well E-MW-02

Chemical Parameter	NC2L 1/1/10	E-MW-02 2/25/94		E-MW-02 8/5/94	E-MW-02 11/15/94	E-MW-02 8/1/95	E-MW-02 10/17/96	E-MW-02 3/20/97	E-MW-2 10/6/98	E-MW-2 11/19/98	E-MW-2 2/23/99	E-MW-2 8/24/99
1,1,1,2-Tetrachloroethane	1.								0.66 U	50 U	0.66 U	0.66 U
1,1,1-Trichloroethane	200.	3.2	J	1.6	3.1	2.2	5 U	0.5 U	0.54 U	50 U	0.54 U	0.54 U
1,1,2,2-Tetrachloroethane	0.2	1 U							0.8 U	50 U	0.8 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U		0.69	1.2	1	5 U	0.5 U	0.89 U	50 U	0.89 U	0.89 U
1,1-Dichloroethane	6.	8.6	J	5.2	10	10	2.9 J	3	3	50 U	0.45 U	3
1,1-Dichloroethene	350.	89		58	130	140	32	31	28 U	50 U	28	24
1,1-Dichloropropene									0.74 U	50 U	0.74 U	0.74 U
1,2,3-Trichlorobenzene				0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.2 U	50 U	1.18 U	1.18 U
1,2,3-Trichloropropane	0.005			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.87 U	50 U	0.87 U	0.87 U
1,2,4-Trichlorobenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	50 U	1.02 U	1.02 U
1,2,4-Trimethylbenzene	400.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.51 U	50 U	0.51 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04								1.2 U	250 U	1.24 U	1.24 U
1,2-Dibromoethane (Ethylene di	0.02								0.48 U	50 U	0.48 U	0.48 U
1,2-Dichlorobenzene	20.	1 U							0.78 U	50 U	0.78 U	0.78 U
1,2-Dichloroethane	0.4	1 U		0.56	1.2	1.4 B	5 U	0.5 U	0.64 U	50 U	0.64 U	0.64 U
1,2-Dichloropropane	0.6	1 U							0.48 U	50 U	0.48 U	0.48 U
1,3,5-Trimethylbenzene	400.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U
1,3-Dichlorobenzene	200.	1 U							0.67 U	50 U	0.67 U	0.67 U
1,3-Dichloropropane									0.73 U	50 U	0.73 U	0.73 U
1,4-Dichlorobenzene	6.	1 U							0.75 U	50 U	0.75 U	0.75 U
2,2-Dichloropropane									0.56 U	50 U	0.56 U	0.56 U
2-Butanone (MEK)	4000.	10 U							3.1 U	1200 U	3.1 U	3.1 U
2-Chloroethyl Vinyl Ether		1 U							0.89 U	250 U	0.89 U	0.89 U
2-Chlorotoluene	100.								0.51 U	50 U	0.51 U	0.51 U
2-Hexanone	40.	2 U							4.1 U	250 U	4.08 U	4.08 U
4-Chlorotoluene	24.								0.53 U	50 U	0.53 U	0.53 U
4-Methyl-2-pentanone		2 U							3.1 U	250 U	3.15 U	3.15 U
Acetone	6000.	5 U					50 U	10 U	3.9 U	1200 U	3.9 U	3.9 U
Acrolein	4.								25 U	5000 U	25 U	25 U
Acrylonitrile									25 U	5000 U	25 U	25 U
Benzene	1.	1 U		1.2	0.91	0.95	5 U	0.5 U	0.4 U	50 U	0.4 U	0.4 U
Bromobenzene									0.69 U	50 U	0.69 U	0.69 U
Bromochloromethane									0.75 U	50 U	0.75 U	0.75 U
Bromodichloromethane	0.6	1 U							0.91 U	50 U	0.91 U	0.91 U
Bromoform	4.	1 U							0.84 U	50 U	0.84 U	0.84 U
Bromomethane	10.	2 U							0.58 U	50 U	0.58 U	0.58 U
Carbon Disulfide	700.	2 U					5 U	0.5 U	1 U	50 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U		0.3 U	0.5 U	0.5 U	5 U	0.5 U	0.62 U	50 U	0.62 U	0.62 U
Chlorobenzene	50.	1 U							0.54 U	50 U	0.54 U	0.54 U
Chloroethane	3000.	2 U							0.69 U	50 U	0.69 U	0.69 U
Chloroform	70.	1 U		0.19 U	0.5 U	0.5 U	5 U	0.5 U	0.67 U	50 U	0.67 U	0.67 U
Chloromethane	3.	2 U		0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.86 U	50 U	0.86 U	0.86 U
cis-1,2-Dichloroethene	70.	1.4	J	0.86	1.6	1.7	5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4	1 U							0.67 U	50 U	0.67 U	0.67 U
Dibromochloromethane	0.4	1 U							0.79 U	50 U	0.79 U	0.79 U
Dibromomethane	70.								0.5 U	50 U	0.5 U	0.5 U
Dichlorodifluoromethane	1000.	2800	E	1200	610	810	290	1100	1000	540	920	370
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.	1 U		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.81 U	50 U	0.81 U	0.81 U
Hexachlorobutadiene	0.4								0.81 U	50 U	0.81 U	0.81 U
Iodomethane									1 U	50 U	1 U	1 U
Isopropylbenzene (Cumene)	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.42 U	50 U	0.42 U	0.42 U
Methyl Tert-butyl Ether	20.						2.4 J	2	5	50 U	1.67 U	4
Methylene chloride	5.	2 U		0.5 U	0.5 U	0.5 U	10 U	5 U	9.7 U	250 U	9.7 U	9.7 U
Naphthalene	6.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.7 U	50 U	1.67 U	1.67 U
N-Butylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.54 U	50 U	0.54 U	0.54 U
N-Propylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.44 U	50 U	0.44 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.55 U	50 U	0.55 U	0.55 U
Sec-butylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.47 U	50 U	0.47 U	0.47 U
Styrene	70.	1 U							0.69 U	50 U	0.69 U	0.69 U
Tert-butylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.46 U	50 U	0.46 U	0.46 U
Tetrachloroethene	0.7	1.4	J	1.2	2.2	2.4	5 U	0.5	0.51 U	50 U	0.51 U	0.51 U
Toluene	600.	1 U		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.95 U	50 U	0.95 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.33 U	50 U	0.33 U	0.33 U
trans-1,3-Dichloropropene	0.4	1 U							0.81 U	50 U	0.81 U	0.81 U
trans-1,4-dichloro-2-butene									1 U	250 U	1 U	1 U
Trichloroethene	3.	3.6	J	2.1	0.5 U	5.1	5 U	1	1	50 U	0.5 U	0.9 J
Trichlorofluoromethane	2000.	2 U							0.39 U	50 U	0.39 U	0.39 U
Vinyl Acetate	88.	1 U					10 U	0.5 U				
Vinyl Chloride	0.03	2 U		0.015 U	0.5 U	0.5 U	10 U	0.5 U	0.72 U	50 U	0.72 U	0.72 U
Xylene (total)	500.	1 U		0.5 U	0.5 U	0.5 U	5 U	1.5 U				
Xylene,o-									0.46 U	50 U	0.46 U	0.46 U
Xylenes,m+p-									0.83 U	100 U	0.83 U	0.83 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well E-MW-02

Chemical Parameter	NC2L 1/1/10	E-MW-2 2/19/00	E-MW-02 5/31/00	E-MW-2 8/19/00	E-MW-2 11/5/00	E-MW-2 3/23/01	E-MW-2 5/24/01	E-MW-2 11/8/01	E-MW-2 5/22/02	E-MW-2 11/3/09
1,1,1,2-Tetrachloroethane	1.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,1,1-Trichloroethane	200.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,1,2-Trichloroethane	0.6	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,1-Dichloroethane	6.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	**4.34**
1,1-Dichloroethene	350.	50 U	40 U	40 U	**29**	**24**	4 U	**11**	**3**	**24.6**
1,1-Dichloropropene		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2,3-Trichlorobenzene		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2,3-Trichloropropane	0.005	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	250 U	200 U	200 U	100 U	25 U	20 U	20 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2-Dichlorobenzene	20.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2-Dichloroethane	0.4	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,2-Dichloropropane	0.6	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,3-Dichlorobenzene	200.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,3-Dichloropropane		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
1,4-Dichlorobenzene	6.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
2,2-Dichloropropane		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
2-Butanone (MEK)	4000.	1200 U	1000 U	1000 U	500 U	120 U	100 U	100 U	25 U	25 U
2-Chloroethyl Vinyl Ether		250 U	200 U	200 U	100 U	25 U	20 U	20 U	5 U	5 U
2-Chlorotoluene	100.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
2-Hexanone	40.	250 U	200 U	200 U	100 U	25 U	20 U	20 U	5 U	5 U
4-Chlorotoluene	24.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
4-Methyl-2-pentanone		250 U	200 U	200 U	100 U	25 U	20 U	20 U	5 U	5 U
Acetone	6000.	1200 U	1000 U	1000 U	500 U	120 U	100 U	100 U	25 U	25 U
Acrolein	4.	5000 U	4000 U	4000 U	2000 U	500 U	400 U	400 U	100 U	
Acrylonitrile		5000 U	4000 U	4000 U	2000 U	500 U	400 U	400 U	100 U	
Benzene	1.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Bromobenzene		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Bromochloromethane		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Bromodichloromethane	0.6	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Bromoform	4.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Bromomethane	10.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Carbon Disulfide	700.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Carbon Tetrachloride	0.3	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Chlorobenzene	50.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Chloroethane	3000.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Chloroform	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Chloromethane	3.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
cis-1,2-Dichloroethene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Dibromochloromethane	0.4	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Dibromomethane	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Dichlorodifluoromethane	1000.	**570**	**520**	**420**	**250**	**98**	**40**	**97**	**31**	**25.9**
Diisopropyl ether (DIPE) (Isopro	70.						4 U	4 U	1 U	1 U
Ethylbenzene	600.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Hexachlorobutadiene	0.4	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Iodomethane		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Methyl Tert-butyl Ether	20.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	**1**	**1.01**
Methylene chloride	5.	250 U	200 U	200 U	100 U	25 U	20 U	20 U	5 U	5 U
Naphthalene	6.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
N-Butylbenzene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
N-Propylbenzene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Sec-butylbenzene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Styrene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Tert-butylbenzene	70.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Tetrachloroethene	0.7	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Toluene	600.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
trans-1,2-Dichloroethene	100.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
trans-1,4-dichloro-2-butene		250 U	200 U	200 U	100 U	25 U	20 U	20 U	5 U	5 U
Trichloroethene	3.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Trichlorofluoromethane	2000.	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		50 U	40 U	40 U	20 U	5 U	4 U	4 U	1 U	1 U
Xylenes,m+p-		100 U	80 U	80 U	40 U	10 U	8U	8U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well E-MW-03

Chemical Parameter	NC2L 1/1/10	E-MW-03 2/25/94	E-MW-03 8/4/94	E-MW-03 11/15/94	E-MW-03 8/1/95	E-MW-03 10/17/96	E-MW-03 3/20/97	E-MW-03 5/31/00	E-MW-03 3/23/01	E-MW-03 5/24/01	E-MW-03 11/8/01
1,1,1,2-Tetrachloroethane	1.							5 U	2 U	5 U	2 U
1,1,1-Trichloroethane	200.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
1,1,2,2-Tetrachloroethane	0.2	1 U						5 U	2 U	5 U	2 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
1,1-Dichloroethane	6.	1 U	**0.79**	**0.65**	0.5 U	5 U	0.5 U	5 U	**7**	**9**	**9**
1,1-Dichloroethene	350.	**3.6** J	**2.2**	**2.3**	**1.8**	5 U	0.5 U	**23**	**39**	**45**	**56**
1,1-Dichloropropene								5 U	2 U	5 U	2 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	**2**	5 U	2 U	5 U	2 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
1,2-Dibromo-3-chloropropane	0.04							25 U	10 U	25 U	10 U
1,2-Dibromoethane (Ethylene di	0.02							5 U	2 U	5 U	2 U
1,2-Dichlorobenzene	20.	1 U						5 U	2 U	5 U	2 U
1,2-Dichloroethane	0.4	1 U	0.38 U	0.5 U	**0.77 B**	5 U	0.5 U	5 U	2 U	5 U	2 U
1,2-Dichloropropane	0.6	1 U						5 U	2 U	5 U	2 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
1,3-Dichlorobenzene	200.	1 U						5 U	2 U	5 U	2 U
1,3-Dichloropropane								5 U	2 U	5 U	2 U
1,4-Dichlorobenzene	6.	1 U						5 U	2 U	5 U	2 U
2,2-Dichloropropane								5 U	2 U	5 U	2 U
2-Butanone (MEK)	4000.	10 U						120 U	50 U	120 U	50 U
2-Chloroethyl Vinyl Ether		1 U						25 U	10 U	25 U	10 U
2-Chlorotoluene	100.							5 U	2 U	5 U	2 U
2-Hexanone	40.	2 U						25 U	10 U	25 U	10 U
4-Chlorotoluene	24.							5 U	2 U	5 U	2 U
4-Methyl-2-pentanone		2 U						25 U	10 U	25 U	10 U
Acetone	6000.	5 U				50 U	10 U	120 U	50 U	120 U	50 U
Acrolein	4.							500 U	200 U	500 U	200 U
Acrylonitrile								500 U	200 U	500 U	200 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Bromobenzene								5 U	2 U	5 U	2 U
Bromochloromethane								5 U	2 U	5 U	2 U
Bromodichloromethane	0.6	1 U						5 U	2 U	5 U	2 U
Bromoform	4.	1 U						5 U	2 U	5 U	2 U
Bromomethane	10.	2 U						5 U	2 U	5 U	2 U
Carbon Disulfide	700.	2 U				5 U	0.5 U	5 U	2 U	5 U	2 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Chlorobenzene	50.	1 U						5 U	2 U	5 U	2 U
Chloroethane	3000.	2 U						5 U	2 U	5 U	2 U
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Chloromethane	3.	2 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	5 U	2 U	5 U	2 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
cis-1,3-Dichloropropene	0.4	1 U						5 U	2 U	5 U	2 U
Dibromochloromethane	0.4	1 U						5 U	2 U	5 U	2 U
Dibromomethane	70.							5 U	2 U	5 U	2 U
Dichlorodifluoromethane	1000.	**12**	**4.2**	**2.2**	**11**	**25**	**38**	**37**	**18**	**26**	**27**
Diisopropyl ether (DIPE) (Isopro	70.									5 U	2 U
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Hexachlorobutadiene	0.4							5 U	2 U	5 U	2 U
Iodomethane								5 U	2 U	5 U	2 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Methyl Tert-butyl Ether	20.					5 U	0.5 U	5 U	2 U	5 U	**2**
Methylene chloride	5.	2 U	0.5 U	0.5 U	0.5 U	10 U	5 U	25 U	10 U	25 U	10 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	**3**	5 U	2 U	5 U	2 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Styrene	70.	1 U						5 U	2 U	5 U	2 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
trans-1,3-Dichloropropene	0.4	1 U						5 U	2 U	5 U	2 U
trans-1,4-dichloro-2-butene								25 U	10 U	25 U	10 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	5 U	2 U
Trichlorofluoromethane	2000.	2 U						5 U	2 U	5 U	2 U
Vinyl Acetate	88.	1 U				10 U	0.5 U				
Vinyl Chloride	0.03	2 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	5 U	2 U	5 U	2 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	1.5 U				
Xylene,o-								5 U	2 U	5 U	2 U
Xylenes,m+p-								10 U	4 U	10 U	4 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well E-MW-03

Chemical Parameter	NC2L 1/1/10	E-MW-03dup 11/8/01	E-MW-03 11/3/09
1,1,1,2-Tetrachloroethane	1.	2 U	1 U
1,1,1-Trichloroethane	200.	2 U	1 U
1,1,2,2-Tetrachloroethane	0.2	2 U	1 U
1,1,2-Trichloroethane	0.6	2 U	1 U
1,1-Dichloroethane	6.	**8**	**3.22**
1,1-Dichloroethene	350.	**55**	**18.9**
1,1-Dichloropropene		2 U	1 U
1,2,3-Trichlorobenzene		2 U	1 U
1,2,3-Trichloropropane	0.005	2 U	1 U
1,2,4-Trichlorobenzene	70.	2 U	1 U
1,2,4-Trimethylbenzene	400.	2 U	1 U
1,2-Dibromo-3-chloropropane	0.04	10 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	2 U	1 U
1,2-Dichlorobenzene	20.	2 U	1 U
1,2-Dichloroethane	0.4	2 U	1 U
1,2-Dichloropropane	0.6	2 U	1 U
1,3,5-Trimethylbenzene	400.	2 U	1 U
1,3-Dichlorobenzene	200.	2 U	1 U
1,3-Dichloropropane		2 U	1 U
1,4-Dichlorobenzene	6.	2 U	1 U
2,2-Dichloropropane		2 U	1 U
2-Butanone (MEK)	4000.	50 U	25 U
2-Chloroethyl Vinyl Ether		10 U	5 U
2-Chlorotoluene	100.	2 U	1 U
2-Hexanone	40.	10 U	5 U
4-Chlorotoluene	24.	2 U	1 U
4-Methyl-2-pentanone		10 U	5 U
Acetone	6000.	50 U	25 U
Acrolein	4.	200 U	
Acrylonitrile		200 U	
Benzene	1.	2 U	1 U
Bromobenzene		2 U	1 U
Bromochloromethane		2 U	1 U
Bromodichloromethane	0.6	2 U	1 U
Bromoform	4.	2 U	1 U
Bromomethane	10.	2 U	1 U
Carbon Disulfide	700.	2 U	1 U
Carbon Tetrachloride	0.3	2 U	1 U
Chlorobenzene	50.	2 U	1 U
Chloroethane	3000.	2 U	1 U
Chloroform	70.	2 U	1 U
Chloromethane	3.	2 U	1 U
cis-1,2-Dichloroethene	70.	2 U	1 U
cis-1,3-Dichloropropene	0.4	2 U	1 U
Dibromochloromethane	0.4	2 U	1 U
Dibromomethane	70.	2 U	1 U
Dichlorodifluoromethane	1000.	**27**	**18.2**
Diisopropyl ether (DIPE) (Isopro	70.	2 U	1 U
Ethylbenzene	600.	2 U	1 U
Hexachlorobutadiene	0.4	2 U	1 U
Iodomethane		2 U	1 U
Isopropylbenzene (Cumene)	70.	2 U	1 U
Methyl Tert-butyl Ether	20.	**2**	1 U
Methylene chloride	5.	10 U	5 U
Naphthalene	6.	2 U	1 U
N-Butylbenzene	70.	2 U	1 U
N-Propylbenzene	70.	2 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	2 U	1 U
Sec-butylbenzene	70.	2 U	1 U
Styrene	70.	2 U	1 U
Tert-butylbenzene	70.	2 U	1 U
Tetrachloroethene	0.7	2 U	1 U
Toluene	600.	2 U	1 U
trans-1,2-Dichloroethene	100.	2 U	1 U
trans-1,3-Dichloropropene	0.4	2 U	1 U
trans-1,4-dichloro-2-butene		10 U	5 U
Trichloroethene	3.	2 U	1 U
Trichlorofluoromethane	2000.	2 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	2 U	1 U
Xylene (total)	500.		
Xylene,o-		2 U	1 U
Xylenes,m+p-		4 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-AW-01

Chemical Parameter	NC2L 1/1/10	AW08-06 8/6/1993	W-AW-01 7/31/95	W-AW-01 10/21/96	W-AW-01 3/21/97
1,1,1,2-Tetrachloroethane	1.				
1,1,1-Trichloroethane	200.	5 U	0.5 U	5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2	5 U			
1,1,2-Trichloroethane	0.6	5 U	0.5 U	5 U	0.5 U
1,1-Dichloroethane	6.	5 U	0.5 U	5 U	0.5 U
1,1-Dichloroethene	350.	5 U	0.5 U	5 U	0.5 U
1,1-Dichloropropene					
1,2,3-Trichlorobenzene			0.5 U	5 U	0.5 U
1,2,3-Trichloropropane	0.005		0.5 U	5 U	0.5 U
1,2,4-Trichlorobenzene	70.		0.5 U	5 U	0.5 U
1,2,4-Trimethylbenzene	400.		0.5 U	5 U	0.5 U
1,2-Dibromo-3-chloropropa	0.04				
1,2-Dibromoethane (Ethyle	0.02				
1,2-Dichlorobenzene	20.	5 U			
1,2-Dichloroethane	0.4	5 U	**0.8 B**	5 U	0.5 U
1,2-Dichloropropane	0.6	5 U			
1,3,5-Trimethylbenzene	400.		0.5 U	5 U	0.5 U
1,3-Dichlorobenzene	200.	5 U			
1,3-Dichloropropane					
1,4-Dichlorobenzene	6.	5 U			
2,2-Dichloropropane					
2-Butanone (MEK)	4000.				
2-Chloroethyl Vinyl Ether		10 U			
2-Chlorotoluene	100.				
2-Hexanone	40.				
4-Chlorotoluene	24.				
4-Methyl-2-pentanone					
Acetone	6000.			50 U	10 U
Acrolein	4.				
Acrylonitrile					
Benzene	1.	5 U	0.5 U	5 U	0.5 U
Bromobenzene					
Bromochloromethane					
Bromodichloromethane	0.6	5 U			
Bromoform	4.	5 U			
Bromomethane	10.	10 U			
Carbon Disulfide	700.			5 U	0.5 U
Carbon Tetrachloride	0.3	5 U	0.5 U	5 U	0.5 U
Chlorobenzene	50.	5 U			
Chloroethane	3000.	10 U			
Chloroform	70.	5 U	0.5 U	5 U	0.5 U
Chloromethane	3.	10 U	0.5 U	10 U	0.5 U
cis-1,2-Dichloroethene	70.		0.5 U	5 U	0.5 U
cis-1,3-Dichloropropene	0.4	5 U			
Dibromochloromethane	0.4				
Dibromomethane	70.				
Dichlorodifluoromethane	1000.		0.5 U	10 U	0.5 U
Diisopropyl ether (DIPE) (Is	70.				
Ethylbenzene	600.	5 U	0.5 U	5 U	0.5 U
Hexachlorobutadiene	0.4				
Iodomethane					
Isopropylbenzene (Cumene	70.		0.5 U	5 U	0.5 U
Methyl Tert-butyl Ether	20.			5 U	0.5 U
Methylene chloride	5.	5 U	0.5 U	10 U	2 U
Naphthalene	6.		0.5 U	5 U	0.5 U
N-Butylbenzene	70.		0.5 U	5 U	0.5 U
N-Propylbenzene	70.		0.5 U	5 U	0.5 U
p-Isopropyltoluene (4-Isopr	25.		0.5 U	5 U	0.5 U
Sec-butylbenzene	70.		0.5 U	5 U	0.5 U
Styrene	70.				
Tert-butylbenzene	70.		0.5 U	5 U	0.5 U
Tetrachloroethene	0.7	5 U	0.5 U	5 U	0.5 U
Toluene	600.	5 U	0.5 U	5 U	0.5 U
trans-1,2-Dichloroethene	100.	5 U	0.5 U	5 U	0.5 U
trans-1,3-Dichloropropene	0.4	5 U			
trans-1,4-dichloro-2-butene					
Trichloroethene	3.	5 U	0.5 U	5 U	0.5 U
Trichlorofluoromethane	2000.	10 U			
Vinyl Acetate	88.			10 U	0.5 U
Vinyl Chloride	0.03	10 U	0.5 U	10 U	0.5 U
Xylene (total)	500.		0.5 U	5 U	1 U
Xylene,o-					
Xylenes,m+p-					

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-01

Chemical Parameter	NC2L 1/1/10	W-MW-01 9/10/93	W-MW-01 10/18/93	W-MW-01 8/5/94	W-MW-01 9/26/94	W-MW-01 11/5/94	W-MW-01 7/31/95	W-MW-01 10/17/96	W-MW-01 3/21/97	M-MW-1 8/25/98	W-MW-1 11/19/98	W-MW-1 2/24/99
1,1,1,2-Tetrachloroethane	1.									0.66 U	1 U	0.66 U
1,1,1-Trichloroethane	200.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.8	0.54 U	1 U	0.54 U
1,1,2,2-Tetrachloroethane	0.2	1 U								0.8 U	1 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.89 U	1 U	0.89 U
1,1-Dichloroethane	6.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.45 U	1 U	0.45 U
1,1-Dichloroethene	350.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.9	0.55 U	1 U	0.55 U
1,1-Dichloropropene										0.74 U	1 U	0.74 U
1,2,3-Trichlorobenzene				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.2 U	1 U	1.18 U
1,2,3-Trichloropropane	0.005			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.87 U	1 U	0.87 U
1,2,4-Trichlorobenzene	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1 U	1.02 U
1,2,4-Trimethylbenzene	400.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.51 U	1 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04									1.2 U	5 U	1.24 U
1,2-Dibromoethane (Ethylene di	0.02									0.48 U	1 U	0.48 U
1,2-Dichlorobenzene	20.	1 U								0.78 U	1 U	0.78 U
1,2-Dichloroethane	0.4	1 U		0.38 U	0.38 U	0.5 U	0.53 B	5 U	0.5 U	0.64 U	1 U	0.64 U
1,2-Dichloropropane	0.6	1 U								0.48 U	1 U	0.48 U
1,3,5-Trimethylbenzene	400.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U
1,3-Dichlorobenzene	200.	1 U								0.67 U	1 U	0.67 U
1,3-Dichloropropane										0.73 U	1 U	0.73 U
1,4-Dichlorobenzene	6.	1 U								0.75 U	1 U	0.75 U
2,2-Dichloropropane										0.56 U	1 U	0.56 U
2-Butanone (MEK)	4000.									3.1 U	25 U	3.1 U
2-Chloroethyl Vinyl Ether		1 U								0.89 U	5 U	0.89 U
2-Chlorotoluene	100.									0.51 U	1 U	0.51 U
2-Hexanone	40.									4.1 U	5 U	4.08 U
4-Chlorotoluene	24.									0.53 U	1 U	0.53 U
4-Methyl-2-pentanone										3.1 U	5 U	3.15 U
Acetone	6000.		1 U					50 U	10 U	3.9 U	25 U	3.9 U
Acrolein	4.									25 U	100 U	25 U
Acrylonitrile										25 U	100 U	25 U
Benzene	1.		1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.4 U	1 U	0.4 U
Bromobenzene										0.69 U	1 U	0.69 U
Bromochloromethane										0.75 U	1 U	0.75 U
Bromodichloromethane	0.6	1 U								0.91 U	1 U	0.91 U
Bromoform	4.	1 U								0.84 U	1 U	0.84 U
Bromomethane	10.	1 U								0.58 U	1 U	0.58 U
Carbon Disulfide	700.							5 U	0.5 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U		0.3 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	0.62 U	1 U	0.62 U
Chlorobenzene	50.	1 U								0.54 U	1 U	0.54 U
Chloroethane	3000.	1 U								0.69 U	1 U	0.69 U
Chloroform	70.	1 U		0.19 U	0.19 U	0.5 U	0.5 U	5 U	0.5 U	0.67 U	1 U	0.67 U
Chloromethane	3.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.86 U	1 U	0.86 U
cis-1,2-Dichloroethene	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U
cis-1,3-Dichloropropene	0.4	1 U								0.67 U	1 U	0.67 U
Dibromochloromethane	0.4	1 U								0.79 U	1 U	0.79 U
Dibromomethane	70.											
Dichlorodifluoromethane	1000.									0.5 U	1 U	0.5 U
Diisopropyl ether (DIPE) (Isopro	70.			0.5 U	0.5 U	0.5 U	0.5 U	**3.6 J**	0.5 U	0.81 U	5 U	0.81 U
Ethylbenzene	600.		1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.81 U	1 U	0.81 U
Hexachlorobutadiene	0.4									0.81 U	1 U	0.81 U
Iodomethane										1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.42 U	1 U	0.42 U
Methyl Tert-butyl Ether	20.							5 U	0.5 U	1.7 U	1 U	1.67 U
Methylene chloride	5.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	9.7 U	5 U	9.7 U
Naphthalene	6.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.7 U	1 U	1.67 U
N-Butylbenzene	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.54 U	1 U	0.54 U
N-Propylbenzene	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.44 U	1 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.55 U	1 U	0.55 U
Sec-butylbenzene	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.47 U	1 U	0.47 U
Styrene	70.									0.69 U	1 U	0.69 U
Tert-butylbenzene	70.			0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.46 U	1 U	0.46 U
Tetrachloroethene	0.7	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.51 U	1 U	0.51 U
Toluene	600.		1 U	**1**	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.95 U	1 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.33 U	1 U	0.33 U
trans-1,3-Dichloropropene	0.4	1 U								0.81 U	1 U	0.81 U
trans-1,4-dichloro-2-butene										1 U	5 U	1 U
Trichloroethene	3.	1 U		0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U
Trichlorofluoromethane	2000.	1 U								0.39 U	1 U	0.39 U
Vinyl Acetate	88.							10 U	0.5 U			
Vinyl Chloride	0.03	1 U		0.015 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	0.72 U	1 U	0.72 U
Xylene (total)	500.		1 U	**0.67**	0.5 U	0.5 U	0.5 U	5 U	1 U			
Xylene,o-										0.46 U	1 U	0.46 U
Xylenes,m+p-										0.83 U	2 U	0.83 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-01

Chemical Parameter	NC2L 1/1/10	W-MW-1 8/24/99	W-MW-1 2/19/00	W-MW-1 8/17/00	W-MW-1 11/5/00	W-MW-1 7/5/01
1,1,1,2-Tetrachloroethane	1.	0.66 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.54 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.8 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.89 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	0.45 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	0.55 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		0.74 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1.18 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.87 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1.02 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.51 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1.24 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.78 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	0.64 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	0.48 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.67 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		0.73 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.75 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		0.56 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	3.1 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		0.89 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	0.51 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	4.08 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	0.53 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		3.15 U	5 U	5 U	5 U	5 U
Acetone	6000.	3.9 U	25 U	25 U	25 U	25 U
Acrolein	4.	25 U	100 U	100 U	100 U	100 U
Acrylonitrile		25 U	100 U	100 U	100 U	100 U
Benzene	1.	0.4 U	1 U	1 U	1 U	1 U
Bromobenzene		0.69 U	1 U	1 U	1 U	1 U
Bromochloromethane		0.75 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	0.91 U	1 U	1 U	1 U	1 U
Bromoform	4.	0.84 U	1 U	1 U	1 U	1 U
Bromomethane	10.	0.58 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.62 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	0.54 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	0.69 U	1 U	1 U	1 U	1 U
Chloroform	70.	0.67 U	1 U	1 U	1 U	1 U
Chloromethane	3.	0.86 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.67 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	0.79 U	1 U	1 U	1 U	1 U
Dibromomethane	70.					1 U
Dichlorodifluoromethane	1000.	0.5 U	1 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	0.81 U	5 U	5 U	5 U	5 U
Ethylbenzene	600.	0.81 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	0.81 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.42 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1.67 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	9.7 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1.67 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	0.54 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	0.44 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	0.47 U	1 U	1 U	1 U	1 U
Styrene	70.	0.69 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	0.46 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	0.51 U	1 U	1 U	1 U	1 U
Toluene	600.	0.95 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.33 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.81 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	0.39 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.					
Vinyl Chloride	0.03	0.72 U	1 U	1 U	1 U	1 U
Xylene (total)	500.					
Xylene,o-		0.46 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		0.83 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-02

Chemical Parameter	NC2L 1/1/10	W-MW-02 9/10/93	W-MW-04 (dup) 9/10/93	W-MW-02 9/17/93	W-MW-02 8/4/94	W-MW-02 11/14/94	W-MW-02 8/1/95	W-MW-20 8/1/95	W-MW-02 10/15/96	W-MW-02 3/20/97	W-MW-02 11/22/97	W-MW-02 2/24/98
1,1,1,2-Tetrachloroethane	1.										50 U	0.66 U
1,1,1-Trichloroethane	200.	**880**	**950**	**740**	**250**	**640**	**520**	**520**	**380**	**390**	**620**	**660**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U							50 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	**4.8**	0.5 U	**4.4**	**4.4**	5 U	0.5 U	50 U	**0.9 J**
1,1-Dichloroethane	6.	**17**	**22**	**28**	**17**	**20**	**17**	**17**	**12 J**	0.5 U	50 U	**13**
1,1-Dichloroethene	350.	**850**	**850**	**660**	**310**	**940**	**750**	**750**	**590**	**540**	**750**	**870**
1,1-Dichloropropene											50 U	0.74 U
1,2,3-Trichlorobenzene					0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	1 U
1,2,3-Trichloropropane	0.005				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.87 U
1,2,4-Trichlorobenzene	70.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	1 U
1,2,4-Trimethylbenzene	400.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04										250 U	1.2 U
1,2-Dibromoethane (Ethylene di	0.02										50 U	0.48 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U							50 U	0.78 U
1,2-Dichloroethane	0.4	**31**	**36**	**26**	**10**	**9.2**	**9.9 B**	**9.9 B**	**5.7 J**	0.5 U	50 U	**9**
1,2-Dichloropropane	0.6	1 U	1 U	1 U							50 U	0.48 U
1,3,5-Trimethylbenzene	400.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.5 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U							50 U	0.67 U
1,3-Dichloropropane											50 U	0.73 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U							50 U	0.75 U
2,2-Dichloropropane											50 U	0.56 U
2-Butanone (MEK)	4000.										1200 U	3.1 U
2-Chloroethyl Vinyl Ether		1 U	1 U	1 U							250 U	0.89 U
2-Chlorotoluene	100.										50 U	0.51 U
2-Hexanone	40.										250 U	4.1 U
4-Chlorotoluene	24.										50 U	0.53 U
4-Methyl-2-pentanone											250 U	3.1 U
Acetone	6000.								50 U	10	1200 U	3.9 U
Acrolein	4.										2500 U	25 U
Acrylonitrile											2500 U	25 U
Benzene	1.			1 U	0.71	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.4 U
Bromobenzene											50 U	0.69 U
Bromochloromethane											50 U	0.75 U
Bromodichloromethane	0.6	1 U	1 U	1 U							50 U	0.91 U
Bromoform	4.	1 U	1 U	1 U							50 U	0.84 U
Bromomethane	10.	1 U	1 U	1 U							50 U	0.58 U
Carbon Disulfide	700.								5 U	0.5 U	50 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	0.3 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.62 U
Chlorobenzene	50.	1 U	1 U	1 U							50 U	0.54 U
Chloroethane	3000.	1 U	1 U	1 U							50 U	0.69 U
Chloroform	70.	1 U	1 U	1 U	**0.76**	**0.75**	**0.65**	**0.65**	5 U	0.5 U	50 U	0.67 U
Chloromethane	3.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	50 U	0.86 U
cis-1,2-Dichloroethene	70.				2	1.7	1.9	1.9	5 U	0.5 U	50 U	0.5 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U							50 U	0.67 U
Dibromochloromethane	0.4	1 U	1 U	1 U							50 U	0.79 U
Dibromomethane	70.										50 U	0.5 U
Dichlorodifluoromethane	1000.				52.8	78	42	42	43 J	0.5 U	250 U	24
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.			1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.81 U
Hexachlorobutadiene	0.4										50 U	0.81 U
Iodomethane											50 U	1 U
Isopropylbenzene (Cumene)	70.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.42 U
Methyl Tert-butyl Ether	20.								5 U	0.5 U	50 U	1 U
Methylene chloride	5.	1 U	1 U	1 U	0.5 U	0.5 U	**0.58**	**0.58**	10 U	2 U	250 U	5 U
Naphthalene	6.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	1 U
N-Butylbenzene	70.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.54 U
N-Propylbenzene	70.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.55 U
Sec-butylbenzene	70.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.47 U
Styrene	70.										50 U	0.69 U
Tert-butylbenzene	70.				0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.46 U
Tetrachloroethene	0.7	1 U	1 U	1 U	**0.87**	**0.83**	**0.72**	**0.72**	5 U	0.5 U	50 U	0.51 U
Toluene	600.			1 U	0.5	0.5 U	0.5 U	0.5 U	5 U	0.5 U	50 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	**1**	0.5 U	**0.84**	**0.84**	5 U	0.5 U	50 U	0.33 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U							50 U	0.81 U
trans-1,4-dichloro-2-butene											250 U	1 U
Trichloroethene	3.	1 U	1 U	1 U	**0.68**	**0.7**	**0.62**	**0.62**	5 U	0.5 U	50 U	0.5 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U							50 U	0.39 U
Vinyl Acetate	88.								10 U	0.5 U	50 U	
Vinyl Chloride	0.03	1 U	1 U	1 U	**0.34**	0.5 U	0.5 U	0.5 U	10 U	0.5 U	50 U	0.72 U
Xylene (total)	500.			1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U		
Xylene,o-											50 U	0.46 U
Xylenes,m+p-											100 U	0.83 U
VOC TICs												
1,4-Dioxane (p-dioxane)	3.											

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-02

Chemical Parameter	NC2L 1/1/10	MW-02-Duplic 2/24/98	W-MW-02 5/28/98	M-MW-2 8/25/98	W-MW-2 11/18/98	W-MW-2 2/24/99	W-MW-2 8/23/99	W-MW-2 2/20/00	W-MW-2 8/20/00	W-MW-2 11/5/00	W-MW-2 5/24/01	W-MW-2 11/7/01
1,1,1,2-Tetrachloroethane	1.	0.66 U	5 U	33 U	50 U	3.3 U	0.66 U	50 U	25 U	25 U	25 U	10 U
1,1,1-Trichloroethane	200.	**670**	**630**	**510**	**590**	**490**	**470**	**480**	**430**	**430**	**420**	**350**
1,1,2,2-Tetrachloroethane	0.2	0.8 U	5 U	40 U	50 U	4 U	0.8 U	50 U	25 U	25 U	25 U	10 U
1,1,2-Trichloroethane	0.6	**4 J**	5 U	44 U	50 U	4.45 U	**4**	50 U	25 U	25 U	25 U	10 U
1,1-Dichloroethane	6.	**12**	**12**	23 U	50 U	**11**	**11**	50 U	25 U	25 U	25 U	10 U
1,1-Dichloroethene	350.	**860**	**840**	**490**	**710**	**690**	**540**	**670**	**620**	**580**	**590**	**520**
1,1-Dichloropropene		0.74 U	5 U	37 U	50 U	3.7 U	0.74 U	50 U	25 U	25 U	25 U	10 U
1,2,3-Trichlorobenzene		1 U	5 U	59 U	50 U	5.9 U	1.18 U	50 U	25 U	25 U	25 U	10 U
1,2,3-Trichloropropane	0.005	0.87 U	5 U	44 U	50 U	4.35 U	0.87 U	50 U	25 U	25 U	25 U	10 U
1,2,4-Trichlorobenzene	70.	1 U	5 U	51 U	50 U	5.1 U	1.02 U	50 U	25 U	25 U	25 U	10 U
1,2,4-Trimethylbenzene	400.	0.51 U	5 U	26 U	50 U	2.55 U	0.51 U	50 U	25 U	25 U	25 U	10 U
1,2-Dibromo-3-chloropropane	0.04	1.2 U	25 U	62 U	250 U	6.2 U	1.24 U	250 U	120 U	120 U	120 U	50 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	5 U	24 U	50 U	2.4 U	0.48 U	50 U	25 U	25 U	25 U	10 U
1,2-Dichlorobenzene	20.	0.78 U	5 U	39 U	50 U	3.9 U	0.78 U	50 U	25 U	25 U	25 U	10 U
1,2-Dichloroethane	0.4	**9**	**9**	32 U	50 U	3.2 U	**8**	50 U	25 U	25 U	25 U	10 U
1,2-Dichloropropane	0.6	0.48 U	5 U	24 U	50 U	2.4 U	0.48 U	50 U	25 U	25 U	25 U	10 U
1,3,5-Trimethylbenzene	400.	0.5 U	5 U	25 U	50 U	2.5 U	0.5 U	50 U	25 U	25 U	25 U	10 U
1,3-Dichlorobenzene	200.	0.67 U	5 U	33 U	50 U	3.35 U	0.67 U	50 U	25 U	25 U	25 U	10 U
1,3-Dichloropropane		0.73 U	5 U	36 U	50 U	3.65 U	0.73 U	50 U	25 U	25 U	25 U	10 U
1,4-Dichlorobenzene	6.	0.75 U	5 U	38 U	50 U	3.75 U	0.75 U	50 U	25 U	25 U	25 U	10 U
2,2-Dichloropropane		0.56 U	5 U	28 U	50 U	2.8 U	0.56 U	50 U	25 U	25 U	25 U	10 U
2-Butanone (MEK)	4000.	3.1 U	120 U	150 U	1200 U	15.5 U	3.1 U	1200 U	630 U	630 U	630 U	250 U
2-Chloroethyl Vinyl Ether		0.89 U	25 U	44 U	250 U	4.45 U	0.89 U	250 U	120 U	120 U	120 U	50 U
2-Chlorotoluene	100.	0.51 U	5 U	26 U	50 U	2.55 U	0.51 U	50 U	25 U	25 U	25 U	10 U
2-Hexanone	40.	4.1 U	25 U	200 U	250 U	20.4 U	4.08 U	250 U	120 U	120 U	120 U	50 U
4-Chlorotoluene	24.	0.53 U	5 U	27 U	50 U	2.65 U	0.53 U	50 U	25 U	25 U	25 U	10 U
4-Methyl-2-pentanone		3.1 U	25 U	160 U	250 U	15.75 U	3.15 U	250 U	120 U	120 U	120 U	50 U
Acetone	6000.	3.9 U	120 U	190 U	1200 U	19.5 U	3.9 U	1200 U	630 U	630 U	630 U	250 U
Acrolein	4.	25 U	250 U	1200 U	5000 U	125 U	25 U	5000 U	2500 U	2500 U	2500 U	1000 U
Acrylonitrile		25 U	250 U	1200 U	5000 U	125 U	25 U	5000 U	2500 U	2500 U	2500 U	1000 U
Benzene	1.	0.4 U	5 U	20 U	50 U	2 U	0.4 U	50 U	25 U	25 U	25 U	10 U
Bromobenzene		0.69 U	5 U	35 U	50 U	3.45 U	0.69 U	50 U	25 U	25 U	25 U	10 U
Bromochloromethane		0.75 U	5 U	38 U	50 U	3.75 U	0.75 U	50 U	25 U	25 U	25 U	10 U
Bromodichloromethane	0.6	0.91 U	5 U	46 U	50 U	4.55 U	0.91 U	50 U	25 U	25 U	25 U	10 U
Bromoform	4.	0.84 U	5 U	42 U	50 U	4.2 U	0.84 U	50 U	25 U	25 U	25 U	10 U
Bromomethane	10.	0.58 U	5 U	29 U	50 U	2.9 U	0.58 U	50 U	25 U	25 U	25 U	10 U
Carbon Disulfide	700.	1 U	5 U	50 U	50 U	5 U	1 U	50 U	25 U	25 U	25 U	10 U
Carbon Tetrachloride	0.3	0.62 U	5 U	31 U	50 U	3.1 U	0.62 U	50 U	25 U	25 U	25 U	10 U
Chlorobenzene	50.	0.54 U	5 U	27 U	50 U	2.7 U	0.54 U	50 U	25 U	25 U	25 U	10 U
Chloroethane	3000.	0.69 U	5 U	35 U	50 U	3.45 U	0.69 U	50 U	25 U	25 U	25 U	10 U
Chloroform	70.	0.67 U	5 U	33 U	50 U	3.35 U	0.67 U	50 U	25 U	25 U	25 U	10 U
Chloromethane	3.	0.86 U	5 U	43 U	50 U	4.3 U	0.86 U	50 U	25 U	25 U	25 U	10 U
cis-1,2-Dichloroethene	70.	0.5 U	5 U	25 U	50 U	2.5 U	1	50 U	25 U	25 U	25 U	10 U
cis-1,3-Dichloropropene	0.4	0.67 U	5 U	33 U	50 U	3.35 U	0.67 U	50 U	25 U	25 U	25 U	10 U
Dibromochloromethane	0.4	0.79 U	5 U	39 U	50 U	3.95 U	0.79 U	50 U	25 U	25 U	25 U	10 U
Dibromomethane	70.	0.5 U	5 U	25 U	50 U	2.5 U	0.5 U	50 U	25 U	25 U	25 U	10 U
Dichlorodifluoromethane	1000.	26	25 U	40 U	250 U	41	15	250 U	120 U	120 U	120 U	50 U
Diisopropyl ether (DIPE) (Isopro	70.										25 U	10 U
Ethylbenzene	600.	0.81 U	5 U	40 U	50 U	4.05 U	0.81 U	50 U	25 U	25 U	25 U	10 U
Hexachlorobutadiene	0.4	0.81 U	5 U	40 U	50 U	4.05 U	0.81 U	50 U	25 U	25 U	25 U	10 U
Iodomethane		1 U	5 U	50 U	50 U	5 U	1 U	50 U	25 U	25 U	25 U	10 U
Isopropylbenzene (Cumene)	70.	0.42 U	5 U	21 U	50 U	2.1 U	0.42 U	50 U	25 U	25 U	25 U	10 U
Methyl Tert-butyl Ether	20.	1 U	5 U	83 U	50 U	8.35 U	1.67 U	50 U	25 U	25 U	25 U	10 U
Methylene chloride	5.	5 U	25 U	480 U	250 U	48.5 U	9.7 U	250 U	120 U	120 U	120 U	50 U
Naphthalene	6.	1 U	5 U	83 U	50 U	8.35 U	1.67 U	50 U	25 U	25 U	25 U	10 U
N-Butylbenzene	70.	0.54 U	5 U	27 U	50 U	2.7 U	0.54 U	50 U	25 U	25 U	25 U	10 U
N-Propylbenzene	70.	0.44 U	5 U	22 U	50 U	2.2 U	0.44 U	50 U	25 U	25 U	25 U	10 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	5 U	28 U	50 U	2.75 U	0.55 U	50 U	25 U	25 U	25 U	10 U
Sec-butylbenzene	70.	0.47 U	5 U	24 U	50 U	2.35 U	0.47 U	50 U	25 U	25 U	25 U	10 U
Styrene	70.	0.69 U	5 U	35 U	50 U	3.45 U	0.69 U	50 U	25 U	25 U	25 U	10 U
Tert-butylbenzene	70.	0.46 U	5 U	23 U	50 U	2.3 U	0.46 U	50 U	25 U	25 U	25 U	10 U
Tetrachloroethene	0.7	0.51 U	5 U	26 U	50 U	2.55 U	**0.6 J**	50 U	25 U	25 U	25 U	10 U
Toluene	600.	0.95 U	5 U	47 U	50 U	4.75 U	0.95 U	50 U	25 U	25 U	25 U	10 U
trans-1,2-Dichloroethene	100.	0.33 U	5 U	17 U	50 U	1.65 U	**0.6 J**	50 U	25 U	25 U	25 U	10 U
trans-1,3-Dichloropropene	0.4	0.81 U	5 U	40 U	50 U	4.05 U	0.81 U	50 U	25 U	25 U	25 U	10 U
trans-1,4-dichloro-2-butene		1 U	25 U	50 U	250 U	5 U	1 U	250 U	120 U	120 U	120 U	50 U
Trichloroethene	3.	0.5 U	5 U	25 U	50 U	2.5 U	**0.5 J**	50 U	25 U	25 U	25 U	10 U
Trichlorofluoromethane	2000.	0.39 U	5 U	20 U	50 U	1.95 U	0.39 U	50 U	25 U	25 U	25 U	10 U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	0.72 U	5 U	36 U	50 U	3.6 U	0.72 U	50 U	25 U	25 U	25 U	10 U
Xylene (total)	500.											
Xylene,o-		0.46 U	5 U	23 U	50 U	2.3 U	0.46 U	50 U	25 U	25 U	25 U	10 U
Xylenes,m+p-		0.83 U	10 U	41 U	100 U	4.15 U	0.83 U	100 U	50 U	50 U	50 U	20 U
VOC TICs												
1,4-Dioxane (p-dioxane)	3.											

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-02

Chemical Parameter	NC2L 1/1/10	W-MW-2 5/17/02	W-MW-2dup 5/17/02	W-MW-2 11/18/02	W-MW-2 5/19/03	W-MW-2 11/10/03	W-MW-2 5/12/04	W-MW-2 11/16/04	W-MW-2 5/17/05	W-MW-2 11/14/05	W-MW-2 5/16/06	W-MW-2 11/14/06
1,1,1,2-Tetrachloroethane	1.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,1,1-Trichloroethane	200.	**360**	**370**	**240**	**290**	**230**	**305**	**293**	**320**	**327**	**187**	**261**
1,1,2,2-Tetrachloroethane	0.2	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,1,2-Trichloroethane	0.6	20 U	20 U	10 U	20 U	**3**	20 U	**3.24**	**3.5**	**3.69**	**3.84**	50 U
1,1-Dichloroethane	6.	20 U	20 U	**12**	20 U	**9**	20 U	**9.24**	**7.37**	**8.14**	**8.5**	50 U
1,1-Dichloroethene	350.	**650**	**680**	**440**	**510**	**430**	**539**	**525**	**513**	**588**	**322**	**555**
1,1-Dichloropropene		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2,3-Trichlorobenzene		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2,3-Trichloropropane	0.005	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2,4-Trichlorobenzene	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2,4-Trimethylbenzene	400.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2-Dibromo-3-chloropropane	0.04	100 U	100 U	50 U	100 U	5U	100 U	5U	5U	5U	5U	50 U
1,2-Dibromoethane (Ethylene di	0.02	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2-Dichlorobenzene	20.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,2-Dichloroethane	0.4	20 U	20 U	10 U	20 U	**6**	20 U	**6.02**	**5.82**	**5.77**	**6.61**	50 U
1,2-Dichloropropane	0.6	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,3,5-Trimethylbenzene	400.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,3-Dichlorobenzene	200.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,3-Dichloropropane		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
1,4-Dichlorobenzene	6.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
2,2-Dichloropropane		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
2-Butanone (MEK)	4000.	500 U	500 U	250 U	500 U	25U	500 U	25U	25U	25U	25U	1200 U
2-Chloroethyl Vinyl Ether		100 U	100 U	50 U	100 U	5U	100 U	5U	5U	5U	5U	50 U
2-Chlorotoluene	100.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
2-Hexanone	40.	100 U	100 U	50 U	100 U	5U	100 U	5U	5U	5U	5U	250 U
4-Chlorotoluene	24.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
4-Methyl-2-pentanone		100 U	100 U	50 U	50 U	5U	50 U	5U	5U	5U	5U	250 U
Acetone	6000.	500 U	500 U	250 U	500 U	25U	500 U	25U	25U	25U	25U	1250 U
Acrolein	4.	2000 U	2000 U	1000 U	2000 U							
Acrylonitrile		2000 U	2000 U	1000 U	2000 U							
Benzene	1.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Bromobenzene		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Bromochloromethane		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Bromodichloromethane	0.6	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Bromoform	4.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Bromomethane	10.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Carbon Disulfide	700.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Carbon Tetrachloride	0.3	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Chlorobenzene	50.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Chloroethane	3000.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Chloroform	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Chloromethane	3.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
cis-1,2-Dichloroethene	70.	20 U	20 U	10 U	20 U	**1**	20 U	**1.09**	1U	**1.2**	**1.09**	50 U
cis-1,3-Dichloropropene	0.4	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Dibromochloromethane	0.4	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Dibromomethane	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Dichlorodifluoromethane	1000.	100 U	100 U	50 U	100 U	**9**	100 U	**5.89**	5 U	**5.74**	5 U	250 U
Diisopropyl ether (DIPE) (Isopro	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Ethylbenzene	600.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Hexachlorobutadiene	0.4	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Iodomethane		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Isopropylbenzene (Cumene)	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Methyl Tert-butyl Ether	20.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Methylene chloride	5.	100 U	100 U	50 U	100 U	5U	100 U	5U	5U	5U	5U	250 U
Naphthalene	6.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
N-Butylbenzene	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
N-Propylbenzene	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
p-Isopropyltoluene (4-Isopropylt	25.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Sec-butylbenzene	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Styrene	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Tert-butylbenzene	70.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Tetrachloroethene	0.7	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Toluene	600.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
trans-1,2-Dichloroethene	100.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
trans-1,3-Dichloropropene	0.4	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
trans-1,4-dichloro-2-butene		100 U	100 U	50 U	100 U	5U	100 U	5U	5U	5U	5U	250 U
Trichloroethene	3.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Trichlorofluoromethane	2000.	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Xylene (total)	500.											
Xylene,o-		20 U	20 U	10 U	20 U	1U	20 U	1U	1U	1U	1U	50 U
Xylenes,m+p-		40 U	40 U	20 U	40 U	2U	40 U	2U	2U	2U	2U	100 U
VOC TICs												
1,4-Dioxane (p-dioxane)	3.											

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-02

Chemical Parameter	NC2L 1/1/10	W-MW-2 5/21/07	W-MW-2 11/5/07	W-MW-2 5/14/08	W-MW-2 11/4/08	W-MW-2 5/19/09	D-MW-2 5/19/09	MW-2 11/3/09	D-MW-2 11/3/09	MW-2 5/3/10	D-MW-2 5/3/10	MW-2 11/1/10
1,1,1,2-Tetrachloroethane	1.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,1,1-Trichloroethane	200.	**244**	**283**	**224**	**189**	**175**	**147**	**241**	**231**	**158**	**158**	**140**
1,1,2,2-Tetrachloroethane	0.2	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,1,2-Trichloroethane	0.6	**3.79**	**3.16**	**3.31**	**2.63**	**2.62**	**2.93**	**3.17**	**3.02**	**2.67**	**2.56**	**2.4 J**
1,1-Dichloroethane	6.	**7.86**	**7.46**	**6.94**	**6.11**	**5.99**	**6.23**	**8.05**	**7.23**	**5.58**	**5.54**	**4.8 J**
1,1-Dichloroethene	350.	**468**	**558**	**467**	**387**	**383**	**324**	**547**	**534**	**391**	**400**	**340**
1,1-Dichloropropene		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2,3-Trichlorobenzene		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2,3-Trichloropropane	0.005	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2,4-Trichlorobenzene	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2,4-Trimethylbenzene	400.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2-Dibromo-3-chloropropane	0.04	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	25 U
1,2-Dibromoethane (Ethylene di	0.02	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2-Dichlorobenzene	20.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,2-Dichloroethane	0.4	**6.42**	**5.23**	**5.09**	**4.59**	**3.97**	**5.12**	**5.47**	**5.24**	**3.92**	**3.92**	**3.3 J**
1,2-Dichloropropane	0.6	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,3,5-Trimethylbenzene	400.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,3-Dichlorobenzene	200.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,3-Dichloropropane		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
1,4-Dichlorobenzene	6.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
2,2-Dichloropropane		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
2-Butanone (MEK)	4000.	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
2-Chloroethyl Vinyl Ether		5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	25U
2-Chlorotoluene	100.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
2-Hexanone	40.	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	25U
4-Chlorotoluene	24.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
4-Methyl-2-pentanone		5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	25U
Acetone	6000.	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
Acrolein	4.											
Acrylonitrile												
Benzene	1.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Bromobenzene		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Bromochloromethane		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Bromodichloromethane	0.6	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Bromoform	4.	1U	1U	1U	1U	1U	**1.20**	1U	1U	1U	1U	5 U
Bromomethane	10.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Carbon Disulfide	700.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Carbon Tetrachloride	0.3	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Chlorobenzene	50.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Chloroethane	3000.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Chloroform	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Chloromethane	3.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
cis-1,2-Dichloroethene	70.	1U	**1.05**	1U	1U	1U	1U	**1.02**	1U	1U	1U	5 U
cis-1,3-Dichloropropene	0.4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Dibromochloromethane	0.4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Dibromomethane	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Dichlorodifluoromethane	1000.	5 U	**6.54**	5 U	5 U	5 U	5 U	**6.21**	5U	**6.21**	5U	**2.6 J**
Diisopropyl ether (DIPE) (Isopro	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Ethylbenzene	600.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Hexachlorobutadiene	0.4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Iodomethane		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Isopropylbenzene (Cumene)	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Methyl Tert-butyl Ether	20.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Methylene chloride	5.	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	25U
Naphthalene	6.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
N-Butylbenzene	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
N-Propylbenzene	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
p-Isopropyltoluene (4-Isopropylt	25.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Sec-butylbenzene	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Styrene	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Tert-butylbenzene	70.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Tetrachloroethene	0.7	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Toluene	600.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
trans-1,2-Dichloroethene	100.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
trans-1,3-Dichloropropene	0.4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
trans-1,4-dichloro-2-butene		5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	25U
Trichloroethene	3.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Trichlorofluoromethane	2000.	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Xylene (total)	500.											
Xylene,o-		1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	5 U
Xylenes,m+p-		2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	10 U
VOC TICs								None detected	None detected			
1,4-Dioxane (p-dioxane)	3.							**20.4**	**18.9**			

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-02

Chemical Parameter	NC2L 1/1/10	D-MW-2 11/1/10	MW-2 5/13/11	D-MW-2 5/13/11	MW-2 11/1/11	D-MW-2 11/1/11	MW-2 5/10/12	MW-2 11/5/12	MW-2 5/13/13	MW-2 11/4/13		MW-2 5/5/14		MW-2 dup 5/5/14	
1,1,1,2-Tetrachloroethane	1.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,1,1-Trichloroethane	200.	**140**	**240**	**250**	**170**	**180**	**200**	**150**	**120**	**130**	D	**210**	D	**160**	D
1,1,2,2-Tetrachloroethane	0.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,1,2-Trichloroethane	0.6	**2.3 J**	5 U	5 U	5 U	5 U	2.3 J	5 U	5 U	**2.3**	JD	**2.4**	JD	5 U	
1,1-Dichloroethane	6.	**4.6 J**	**6.6**	**6.8**	**4.3 J**	**4.9 J**	**6.6**	**5.2**	**6.6 D**	**4.2**	JD	**5.8**	JD	**5.5**	D
1,1-Dichloroethene	350.	**340**	**570**	**590**	**440**	**460**	**600**	**440**	**510**	**400**	D	**650**	D	**470**	D
1,1-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2,3-Trichlorobenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2,3-Trichloropropane	0.005	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2,4-Trichlorobenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2,4-Trimethylbenzene	400.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2-Dibromo-3-chloropropane	0.04	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2-Dichlorobenzene	20.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,2-Dichloroethane	0.4	**4.2 J**	**4.4**	**5.6**	**6.8**	**3.8 J**	5 U	**2.8 J**	5 U	**4.6**	JD	**3.6**	JD	**4.8**	JD
1,2-Dichloropropane	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,3,5-Trimethylbenzene	400.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,3-Dichlorobenzene	200.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,3-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
1,4-Dichlorobenzene	6.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
2,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
2-Butanone (MEK)	4000.	25U	25U	25U	25U	25U	25U	25U	25U	25U		25U		25U	
2-Chloroethyl Vinyl Ether		25U	25U	25U	25U	25U	25U	25U	25U	25U		25U		25U	
2-Chlorotoluene	100.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
2-Hexanone	40.	25U	25U	25U	25U	25U	25U	25U	25U	25U		25U		25U	
4-Chlorotoluene	24.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
4-Methyl-2-pentanone		25U	25U	25U	25U	25U	25U	25U	25U	25U		25U		25U	
Acetone	6000.	25U	25U	25U	25U	25U	25U	25U	25U	25U		25U		25U	
Acrolein	4.														
Acrylonitrile															
Benzene	1.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Bromobenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Bromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Bromodichloromethane	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Bromoform	4.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Bromomethane	10.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Carbon Disulfide	700.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Carbon Tetrachloride	0.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Chlorobenzene	50.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Chloroethane	3000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Chloroform	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Chloromethane	3.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
cis-1,2-Dichloroethene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Dibromochloromethane	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Dibromomethane	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Dichlorodifluoromethane	1000.	**3.0 J**	5 U	5 U	5 U	5 U	5 U	**3.9 J**	**2.9 JD**	**4.4**	JD	**8.0**	JD	5 U	
Diisopropyl ether (DIPE) (Isopro	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Ethylbenzene	600.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Hexachlorobutadiene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Iodomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Isopropylbenzene (Cumene)	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Methyl Tert-butyl Ether	20.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Methylene chloride	5.	25U	25U	25U	5 U	5 U	5 U	**2.8 J**	5 U	5 U		5 U		5 U	
Naphthalene	6.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
N-Butylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
N-Propylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
p-Isopropyltoluene (4-Isopropylt	25.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Sec-butylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Styrene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Tert-butylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Tetrachloroethene	0.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Toluene	600.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
trans-1,2-Dichloroethene	100.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
trans-1,4-dichloro-2-butene		25U	25U	25U											
Trichloroethene	3.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Trichlorofluoromethane	2000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Vinyl Acetate	88.														
Vinyl Chloride	0.03	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Xylene (total)	500.						15 U	15 U	15 U	15 U		15 U		15 U	
Xylene,o-		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U	
Xylenes,m+p-		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		10 U	
VOC TICs															
1,4-Dioxane (p-dioxane)	3.											**17.8**		**14.2**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-02

Chemical Parameter	NC2L 1/1/10	MW-2 dup 11/3/14		MW-2 5/4/15		MW-100 dup 5/4/15		MW-2 11/3/15		MW-100 dup 11/3/15		MW-2 5/2/16		MW-100 dup 5/2/16	
1,1,1,2-Tetrachloroethane	1.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,1,1-Trichloroethane	200.	**180**	D	**160**	D	**130**	D	**140**	D	**89**	D	**140**	D	**110**	D
1,1,2,2-Tetrachloroethane	0.2	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,1,2-Trichloroethane	0.6	5 U		5 U		**2.8**	JD	5 U		5 U		5 U		5 U	
1,1-Dichloroethane	6.	**6.6**	D	**5.6**	D	**5.4**	D	**4.1**	JD	**4.6**	JD	**5.0**	JD	**4.6**	JD
1,1-Dichloroethene	350.	**590**	D	**520**	D	**450**	D	**410**	D	**320**	D	**420**	D	**400**	D
1,1-Dichloropropene		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2,3-Trichlorobenzene		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2,3-Trichloropropane	0.005	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2,4-Trichlorobenzene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2,4-Trimethylbenzene	400.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2-Dibromo-3-chloropropane	0.04	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2-Dichlorobenzene	20.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,2-Dichloroethane	0.4	**3.9**	JD	5 U		5 U		5 U		5 U		**4.0**	JD	5 U	
1,2-Dichloropropane	0.6	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,3,5-Trimethylbenzene	400.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,3-Dichlorobenzene	200.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,3-Dichloropropane		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
1,4-Dichlorobenzene	6.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
2,2-Dichloropropane		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
2-Butanone (MEK)	4000.	25U		25U		25U		25U		25U		25U		25U	
2-Chloroethyl Vinyl Ether		25U		25U		25U		25U		25U		25U		25U	
2-Chlorotoluene	100.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
2-Hexanone	40.	25U		25U		25U		25U		25U		25U		25U	
4-Chlorotoluene	24.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
4-Methyl-2-pentanone		25U		25U		25U		25U		25U		25U		25U	
Acetone	6000.	25U		25U		**110**	D	25U		**71**	D	25U		25U	
Acrolein	4.														
Acrylonitrile															
Benzene	1.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Bromobenzene		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Bromochloromethane		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Bromodichloromethane	0.6	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Bromoform	4.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Bromomethane	10.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Carbon Disulfide	700.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Carbon Tetrachloride	0.3	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Chlorobenzene	50.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Chloroethane	3000.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Chloroform	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Chloromethane	3.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
cis-1,2-Dichloroethene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
cis-1,3-Dichloropropene	0.4	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Dibromochloromethane	0.4	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Dibromomethane	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Dichlorodifluoromethane	1000.	**5.0**	D	**3.4**	JD	5 U		**2.4**	JD	5 U		**3.3**	JD	**3.8**	JD
Diisopropyl ether (DIPE) (Isopro	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Ethylbenzene	600.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Hexachlorobutadiene	0.4	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Iodomethane		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Isopropylbenzene (Cumene)	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Methyl Tert-butyl Ether	20.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Methylene chloride	5.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Naphthalene	6.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
N-Butylbenzene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
N-Propylbenzene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
p-Isopropyltoluene (4-Isopropylt	25.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Sec-butylbenzene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Styrene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Tert-butylbenzene	70.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Tetrachloroethene	0.7	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Toluene	600.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
trans-1,2-Dichloroethene	100.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
trans-1,3-Dichloropropene	0.4	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
trans-1,4-dichloro-2-butene															
Trichloroethene	3.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Trichlorofluoromethane	2000.	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Vinyl Acetate	88.														
Vinyl Chloride	0.03	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Xylene (total)	500.	15 U		15 U		15 U		15 U		15 U		15 U		15 U	
Xylene,o-		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
Xylenes,m+p-		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
VOC TICs															
1,4-Dioxane (p-dioxane)	3.	**17.6**		**18.9**		**20.2**		**18.5**		**15.0**		**17**		**17**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-03

Chemical Parameter	NC2L 1/1/10	W-MW-03 9/10/93	W-MW-03 8/8/94	W-MW-03 9/26/94	W-MW-03 11/15/94	W-MW-03 7/31/95	W-MW-03 10/16/96	W-MW-03 3/21/97
1,1,1,2-Tetrachloroethane	1.							
1,1,1-Trichloroethane	200.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**1**
1,1,2,2-Tetrachloroethane	0.2	1 U						
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,1-Dichloroethane	6.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,1-Dichloroethene	350.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**1**
1,1-Dichloropropene								
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,2-Dibromo-3-chloropropa	0.04							
1,2-Dibromoethane (Ethyle	0.02							
1,2-Dichlorobenzene	20.	1 U						
1,2-Dichloroethane	0.4	1 U	0.38 U	0.38 U	0.5 U	**0.7 B**	5 U	5 U
1,2-Dichloropropane	0.6	1 U						
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
1,3-Dichlorobenzene	200.	1 U						
1,3-Dichloropropane								
1,4-Dichlorobenzene	6.	1 U						
2,2-Dichloropropane								
2-Butanone (MEK)	4000.							
2-Chloroethyl Vinyl Ether		1 U						
2-Chlorotoluene	100.							
2-Hexanone	40.							
4-Chlorotoluene	24.							
4-Methyl-2-pentanone								
Acetone	6000.						50 U	100 U
Acrolein	4.							
Acrylonitrile								
Benzene	1.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Bromobenzene								
Bromochloromethane								
Bromodichloromethane	0.6	1 U						
Bromoform	4.	1 U						
Bromomethane	10.	1 U						
Carbon Disulfide	700.						5 U	5 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.3 U	0.5 U	0.5 U	5 U	5 U
Chlorobenzene	50.	1 U						
Chloroethane	3000.	1 U						
Chloroform	70.	1 U	0.19 U	0.19 U	0.5 U	0.5 U	5 U	5 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	5 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
cis-1,3-Dichloropropene	0.4	1 U						
Dibromochloromethane	0.4	1 U						
Dibromomethane	70.							
Dichlorodifluoromethane	1000.		**330**	**170**	**260**	**150**	**100**	**110**
Diisopropyl ether (DIPE) (Is	70.							
Ethylbenzene	600.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Hexachlorobutadiene	0.4							
Iodomethane								
Isopropylbenzene (Cumene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Methyl Tert-butyl Ether	20.						5 U	5 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	20 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
p-Isopropyltoluene (4-Isopr	25.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Styrene	70.							
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Tetrachloroethene	0.7	1 U	**2.5**	**3.1**	**2.2**	**2**	5 U	**1 J**
Toluene	600.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
trans-1,3-Dichloropropene	0.4	1 U						
trans-1,4-dichloro-2-butene								
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Trichlorofluoromethane	2000.	1 U						
Vinyl Acetate	88.						10 U	5 U
Vinyl Chloride	0.03	1 U	0.015 U	0.015 U	0.5 U	0.5 U	10 U	1 U
Xylene (total)	500.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	10 U
Xylene,o-								
Xylenes,m+p-								

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-05

Chemical Parameter	NC2L 1/1/10	W-MW-05 10/14/93	W-MW-05 8/8/94	W-MW-05 11/15/94	W-MW-05 8/1/95	W-MW-05 10/16/96	W-MW-05 3/21/97	W-MW-05R 3/21/97	W-MW-05 11/22/97	W-MW-05 2/24/98	W-MW-05 5/28/98
1,1,1,2-Tetrachloroethane	1.								2 U	0.66 U	1 U
1,1,1-Trichloroethane	200.	**22**	**40**	**41**	**33**	**13**	**6**	**6**	**5**	**2**	1 U
1,1,2,2-Tetrachloroethane	0.2								2 U	0.8 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.89 U	1 U
1,1-Dichloroethane	6.	**6**	**3.6**	**3.7**	**2.5**	**1.6 J**	**0.5**	**0.5**	2 U	**0.6 J**	1 U
1,1-Dichloroethene	350.	**30**	**61**	**75**	**62**	**46**	**18**	**18**	**18**	**5**	1 U
1,1-Dichloropropene									2 U	0.74 U	1 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	1 U	1 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.87 U	1 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	1 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.51 U	1 U
1,2-Dibromo-3-chloropropane	0.04								10 U	1.2 U	5 U
1,2-Dibromoethane (Ethylene di	0.02								2 U	0.48 U	1 U
1,2-Dichlorobenzene	20.								2 U	0.78 U	1 U
1,2-Dichloroethane	0.4	1 U	**0.85**	**0.75**	**1.4 B**	5 U	0.5 U	0.5 U	2 U	0.55 U	1 U
1,2-Dichloropropane	0.6								2 U	0.48 U	1 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.5 U	1 U
1,3-Dichlorobenzene	200.								2 U	0.67 U	1 U
1,3-Dichloropropane									2 U	0.73 U	1 U
1,4-Dichlorobenzene	6.								2 U	0.75 U	1 U
2,2-Dichloropropane									2 U	0.56 U	1 U
2-Butanone (MEK)	4000.								50 U	3.1 U	25 U
2-Chloroethyl Vinyl Ether									10 U	0.89 U	5 U
2-Chlorotoluene	100.								2 U	0.51 U	1 U
2-Hexanone	40.								10 U	4.1 U	5 U
4-Chlorotoluene	24.								2 U	0.53 U	1 U
4-Methyl-2-pentanone									10 U	3.1 U	5 U
Acetone	6000.					50 U	10 U	10 U	43 J	3.9 U	25 U
Acrolein	4.								100 U	25 U	50 U
Acrylonitrile									100 U	25 U	50 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.4 U	1 U
Bromobenzene									2 U	0.69 U	1 U
Bromochloromethane									2 U	0.75 U	1 U
Bromodichloromethane	0.6								2 U	0.91 U	1 U
Bromoform	4.								2 U	0.84 U	1 U
Bromomethane	10.								2 U	0.58 U	1 U
Carbon Disulfide	700.					5 U	0.5 U	0.5 U	2 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.62 U	1 U
Chlorobenzene	50.								2 U	0.54 U	1 U
Chloroethane	3000.								2 U	0.69 U	1 U
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	**0.7**	**0.7**	2 U	0.67 U	1 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.86 U	1 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4								2 U	0.67 U	1 U
Dibromochloromethane	0.4								2 U	0.79 U	1 U
Dibromomethane	70.								2 U	0.5 U	1 U
Dichlorodifluoromethane	1000.		0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	10 U	0.81 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.81 U	1 U
Hexachlorobutadiene	0.4								2 U	0.81 U	1 U
Iodomethane									2 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.42 U	1 U
Methyl Tert-butyl Ether	20.					5 U	0.5 U	0.5 U	2 U	1 U	1 U
Methylene chloride	5.	1 U	0.5 U	**0.63**	0.5 U	10 U	2 U	2 U	10 U	5 U	5 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	1 U	1 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.54 U	1 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.44 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.55 U	1 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.47 U	1 U
Styrene	70.								2 U	0.69 U	1 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.46 U	1 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.51 U	1 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.95 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.33 U	1 U
trans-1,3-Dichloropropene	0.4								2 U	0.81 U	1 U
trans-1,4-dichloro-2-butene									10 U	1 U	5 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U	0.5 U	1 U
Trichlorofluoromethane	2000.								2 U	0.39 U	1 U
Vinyl Acetate	88.					10 U	0.5 U	0.5 U	2 U		
Vinyl Chloride	0.03	1 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	2 U	0.72 U	1 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U			
Xylene,o-									2 U	0.46 U	1 U
Xylenes,m+p-									4 U	0.83 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-05

Chemical Parameter	NC2L 1/1/10	M-MW-5 8/25/98	M-MW-5-Dup 8/25/98	W-MW-5 11/18/98	W-MW-5 2/22/99	W-MW-5 8/23/99	W-MW-5 2/19/00	W-MW-5 8/20/00	W-MW-5 11/8/00	W-MW-5 5/23/01	W-MW-5 11/7/01
1,1,1,2-Tetrachloroethane	1.	0.66 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**7**	**7**	**2**	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.8 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.89 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	**0.8 J**	**0.8 J**	**1**	0.45 U	0.45 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**20**	**20**	**11**	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		0.74 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1.2 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.87 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.51 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1.2 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.78 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	0.64 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	0.48 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.67 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		0.73 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.75 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		0.56 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	3.1 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		0.89 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	0.51 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	4.1 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	0.53 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		3.1 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	3.9 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	25 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		25 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	0.4 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		0.69 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		0.75 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	0.91 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	0.84 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	0.58 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.62 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	0.54 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	0.69 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	0.67 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	0.86 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.67 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	0.79 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.81 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.									1 U	1 U
Ethylbenzene	600.	0.81 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	0.81 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	5 U	5 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.42 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1.7 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	9.7 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1.7 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	0.54 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	0.44 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	0.47 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	0.69 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	0.46 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	0.51 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	0.95 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.33 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.81 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	1 U	5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	0.39 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.72 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		0.46 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		0.83 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-05

Chemical Parameter	NC2L 1/1/10	W-MW-5 5/17/02	W-MW-5 11/18/02	Duplicate 11/18/02	W-MW-5 5/19/03	W-MW-5 11/10/03	W-MW-5 5/12/04	W-MW-5 11/16/04	W-MW-5 5/17/05	W-MW-5 11/15/05	W-MW-5 5/16/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U						
Acrylonitrile		100 U	100 U	100 U	100 U						
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-05

Chemical Parameter	NC2L 1/1/10	W-MW-5 11/13/06	W-MW-5 11/13/06	W-MW-5 11/5/07	W-MW-5 5/13/08	W-MW-5 11/3/08	W-MW-5 5/18/09	W-MW-5 11/2/09	W-MW-5 5/3/10	W-MW-5 11/1/10	W-MW-5 5/12/11
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**4.1 J**	**9.2**
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-05

Chemical Parameter	NC2L 1/1/10	W-MW-5 10/11/11	W-MW-5 11/1/11
1,1,1,2-Tetrachloroethane	1.		1 U
1,1,1-Trichloroethane	200.		1 U
1,1,2,2-Tetrachloroethane	0.2		1 U
1,1,2-Trichloroethane	0.6		1 U
1,1-Dichloroethane	6.		1 U
1,1-Dichloroethene	350.		1 U
1,1-Dichloropropene			1 U
1,2,3-Trichlorobenzene			1 U
1,2,3-Trichloropropane	0.005		1 U
1,2,4-Trichlorobenzene	70.		1 U
1,2,4-Trimethylbenzene	400.		1 U
1,2-Dibromo-3-chloropropane	0.04		5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U
1,2-Dichlorobenzene	20.		1 U
1,2-Dichloroethane	0.4		1 U
1,2-Dichloropropane	0.6		1 U
1,3,5-Trimethylbenzene	400.		1 U
1,3-Dichlorobenzene	200.		1 U
1,3-Dichloropropane			1 U
1,4-Dichlorobenzene	6.		1 U
2,2-Dichloropropane			1 U
2-Butanone (MEK)	4000.		25 U
2-Chloroethyl Vinyl Ether			5 U
2-Chlorotoluene	100.		1 U
2-Hexanone	40.		5 U
4-Chlorotoluene	24.		1 U
4-Methyl-2-pentanone			5 U
Acetone	6000.		5 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.		1 U
Bromobenzene			1 U
Bromochloromethane			1 U
Bromodichloromethane	0.6		1 U
Bromoform	4.		1 U
Bromomethane	10.		1 U
Carbon Disulfide	700.		1 U
Carbon Tetrachloride	0.3		1 U
Chlorobenzene	50.		1 U
Chloroethane	3000.		1 U
Chloroform	70.		1 U
Chloromethane	3.		1 U
cis-1,2-Dichloroethene	70.		1 U
cis-1,3-Dichloropropene	0.4		1 U
Dibromochloromethane	0.4		1 U
Dibromomethane	70.		1 U
Dichlorodifluoromethane	1000.		5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U
Ethylbenzene	600.		1 U
Hexachlorobutadiene	0.4		1 U
Iodomethane			1 U
Isopropylbenzene (Cumene)	70.		1 U
Methyl Tert-butyl Ether	20.		1 U
Methylene chloride	5.		5 U
Naphthalene	6.		1 U
N-Butylbenzene	70.		1 U
N-Propylbenzene	70.		1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U
Sec-butylbenzene	70.		1 U
Styrene	70.		1 U
Tert-butylbenzene	70.		1 U
Tetrachloroethene	0.7		1 U
Toluene	600.		1 U
trans-1,2-Dichloroethene	100.		1 U
trans-1,3-Dichloropropene	0.4		1 U
trans-1,4-dichloro-2-butene			5 U
Trichloroethene	3.		1 U
Trichlorofluoromethane	2000.		1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03		1 U
Xylene (total)	500.		
Xylene,o-			1 U
Xylenes,m+p-			2 U
1,4-Dioxane (p-dioxane)	3.	2U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-06

Chemical Parameter	NC2L 1/1/10	W-MW-06 10/14/93	W-MW-06 8/4/94	W-MW-20 8/4/94	W-MW-06 11/15/94	W-MW-06 8/2/95	W-MW-06 10/16/96	W-MW-06 3/20/97	W-MW-6 10/6/98	W-MW-6 11/18/98	W-MW-6 2/24/99	W-MW-06 4/6/99
1,1,1,2-Tetrachloroethane	1.								0.66 U	80 U	0.66 U	80 U
1,1,1-Trichloroethane	200.	**1000**	**480**	**520**	**690**	**750**	**510**	**760**	**970**	**900**	0.54 U	**700**
1,1,2,2-Tetrachloroethane	0.2								0.8 U	80 U	0.8 U	80 U
1,1,2-Trichloroethane	0.6	1 U	**5.7**	**5.9**	**5.6**	**6.1**	5 U	25 U	**7**	80 U	0.89 U	80 U
1,1-Dichloroethane	6.	**40**	**26**	**27**	**27**	**26**	**18 J**	25 U	**19**	80 U	**2**	80 U
1,1-Dichloroethene	350.	**970**	**720**	**810**	**1100**	**1100**	**810**	**880**	**1100**	**970**	**5**	**860**
1,1-Dichloropropene									0.74 U	80 U	0.74 U	80 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	1.2 U	80 U	1.18 U	80 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.87 U	80 U	0.87 U	80 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	1 U	80 U	1.02 U	80 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.51 U	80 U	0.51 U	80 U
1,2-Dibromo-3-chloropropane	0.04								1.2 U	400 U	1.24 U	400 U
1,2-Dibromoethane (Ethylene di	0.02								0.48 U	80 U	0.48 U	80 U
1,2-Dichlorobenzene	20.								0.78 U	80 U	0.78 U	80 U
1,2-Dichloroethane	0.4	**50**	**11**	**11**	**9.9**	**12 B**	**7.4 J**	25 U	**15**	80 U	0.64 U	80 U
1,2-Dichloropropane	0.6								0.48 U	80 U	0.48 U	80 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.5 U	80 U	0.5 U	80 U
1,3-Dichlorobenzene	200.								0.67 U	80 U	0.67 U	80 U
1,3-Dichloropropane									0.73 U	80 U	0.73 U	80 U
1,4-Dichlorobenzene	6.								0.75 U	80 U	0.75 U	80 U
2,2-Dichloropropane									0.56 U	80 U	0.56 U	80 U
2-Butanone (MEK)	4000.								3.1 U	2000 U	3.1 U	2000 U
2-Chloroethyl Vinyl Ether									0.89 U	400 U	0.89 U	400 U
2-Chlorotoluene	100.								0.51 U	80 U	0.51 U	80 U
2-Hexanone	40.								4.1 U	400 U	4.08 U	400 U
4-Chlorotoluene	24.								0.53 U	80 U	0.53 U	80 U
4-Methyl-2-pentanone									3.1 U	400 U	3.15 U	400 U
Acetone	6000.						50 U	500 U	3.9 U	2000 U	3.9 U	2000 U
Acrolein	4.								25 U	8000 U	25 U	8000 U
Acrylonitrile									25 U	8000 U	25 U	8000 U
Benzene	1.	**2**	**1.2**	**1.2**	**0.73**	**0.6**	5 U	25 U	0.4 U	80 U	**3**	80 U
Bromobenzene									0.69 U	80 U	0.69 U	80 U
Bromochloromethane									0.75 U	80 U	0.75 U	80 U
Bromodichloromethane	0.6								0.91 U	80 U	0.91 U	80 U
Bromoform	4.								0.84 U	80 U	0.84 U	80 U
Bromomethane	10.								0.58 U	80 U	0.58 U	80 U
Carbon Disulfide	700.						5 U	25 U	1 U	80 U	9	80 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.62 U	80 U	0.62 U	80 U
Chlorobenzene	50.								0.54 U	80 U	0.54 U	80 U
Chloroethane	3000.								0.69 U	80 U	0.69 U	80 U
Chloroform	70.	1 U	**0.81**	**0.83**	0.5 U	**0.91**	5 U	25 U	**1**	80 U	0.67 U	80 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	25 U	0.86 U	80 U	0.86 U	80 U
cis-1,2-Dichloroethene	70.		2.2	2.3	0.5 U	2.1	5 U	25 U	3	80 U	0.5 U	80 U
cis-1,3-Dichloropropene	0.4								0.67 U	80 U	0.67 U	80 U
Dibromochloromethane	0.4								0.79 U	80 U	0.79 U	80 U
Dibromomethane	70.								0.5 U	80 U	0.5 U	80 U
Dichlorodifluoromethane	1000.		24.4	26.2	50 U	20	17 J	25 U	22	400 U	6	400 U
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.81 U	80 U	0.81 U	80 U
Hexachlorobutadiene	0.4								0.81 U	80 U	0.81 U	80 U
Iodomethane									1 U	80 U	1 U	80 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.42 U	80 U	0.42 U	80 U
Methyl Tert-butyl Ether	20.						5 U	25 U	1.7 U	80 U	1.67 U	80 U
Methylene chloride	5.	1 U	0.5 U	**0.56**	0.5 U	**0.75**	10 U	100 U	9.7 U	400 U	9.7 U	400 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	1.7 U	80 U	1.67 U	80 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.54 U	80 U	0.54 U	80 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.44 U	80 U	0.44 U	80 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.55 U	80 U	0.55 U	80 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.47 U	80 U	0.47 U	80 U
Styrene	70.								0.69 U	80 U	0.69 U	80 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	0.46 U	80 U	0.46 U	80 U
Tetrachloroethene	0.7	1 U	**0.85**	**0.88**	**0.81**	**0.79**	5 U	25 U	**0.8 J**	80 U	0.51 U	80 U
Toluene	600.	1 U	**0.9**	**0.94**	**0.61**	0.5 U	5 U	25 U	0.95 U	80 U	0.95 U	80 U
trans-1,2-Dichloroethene	100.	1 U	**0.99**	**1**	0.5 U	**1.2**	5 U	25 U	**1**	80 U	0.33 U	80 U
trans-1,3-Dichloropropene	0.4								0.81 U	80 U	0.81 U	80 U
trans-1,4-dichloro-2-butene									1 U	400 U	1 U	400 U
Trichloroethene	3.	1 U	**0.75**	**0.79**	**0.86**	**0.92**	5 U	25 U	**0.9 J**	80 U	0.5 U	80 U
Trichlorofluoromethane	2000.								0.39 U	80 U	0.39 U	80 U
Vinyl Acetate	88.						10 U	25 U				
Vinyl Chloride	0.03	1 U	**0.2**	**0.19**	0.5 U	0.5 U	10 U	25 U	0.72 U	80 U	0.72 U	80 U
Xylene (total)	500.	1 U	**0.76**	**0.6**	0.5 U	0.5 U	5 U	50 U				
Xylene,o-									0.46 U	80 U	0.46 U	80 U
Xylenes,m+p-									0.83 U	160 U	0.83 U	160 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-06

Chemical Parameter	NC2L 1/1/10	W-MW-6 8/23/99	W-MW-6 2/20/00	W-MW-6 DUP 8/20/00	W-MW-6 8/20/00	W-MW-6 DUP 11/5/00	W-MW-6 11/5/00	W-MW-6 5/23/01	W-MW-6 Dup 5/23/01	W-MW-6 11/7/01	W-MW-6Dup 11/7/01
1,1,1,2-Tetrachloroethane	1.	2.64 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,1,1-Trichloroethane	200.	**620**	**500**	**670**	**660**	**670**	**690**	**480**	**650**	**530**	**500**
1,1,2,2-Tetrachloroethane	0.2	3.2 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,1,2-Trichloroethane	0.6	**5**	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,1-Dichloroethane	6.	**11**	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,1-Dichloroethene	350.	**670**	**630**	**850**	**820**	**860**	**880**	**570**	**870**	**820**	**750**
1,1-Dichloropropene		2.96 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2,3-Trichlorobenzene		4.72 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2,3-Trichloropropane	0.005	3.48 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2,4-Trichlorobenzene	70.	4.08 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2,4-Trimethylbenzene	400.	2.04 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2-Dibromo-3-chloropropane	0.04	4.96 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
1,2-Dibromoethane (Ethylene di	0.02	1.92 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2-Dichlorobenzene	20.	3.12 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2-Dichloroethane	0.4	**9**	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,2-Dichloropropane	0.6	1.92 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,3,5-Trimethylbenzene	400.	2 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,3-Dichlorobenzene	200.	2.68 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,3-Dichloropropane		2.92 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
1,4-Dichlorobenzene	6.	3 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
2,2-Dichloropropane		2.24 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
2-Butanone (MEK)	4000.	12.4 U	2000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	500 U
2-Chloroethyl Vinyl Ether		3.56 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
2-Chlorotoluene	100.	2.04 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
2-Hexanone	40.	16.32 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
4-Chlorotoluene	24.	2.12 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
4-Methyl-2-pentanone		12.6 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
Acetone	6000.	15.6 U	2000 U	1200	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	500 U
Acrolein	4.	100 U	8000 U	4000 U	4000 U	4000 U	4000 U	4000 U	4000 U	4000 U	2000 U
Acrylonitrile		100 U	8000 U	4000 U	4000 U	4000 U	4000 U	4000 U	4000 U	4000 U	2000 U
Benzene	1.	1.6 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Bromobenzene		2.76 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Bromochloromethane		3 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Bromodichloromethane	0.6	3.64 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Bromoform	4.	3.36 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Bromomethane	10.	2.32 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Carbon Disulfide	700.	4 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Carbon Tetrachloride	0.3	2.48 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Chlorobenzene	50.	2.16 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Chloroethane	3000.	2.76 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Chloroform	70.	2.68 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Chloromethane	3.	3.44 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
cis-1,2-Dichloroethene	70.	2 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
cis-1,3-Dichloropropene	0.4	2.68 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Dibromochloromethane	0.4	3.16 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Dibromomethane	70.	2 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Dichlorodifluoromethane	1000.	5	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
Diisopropyl ether (DIPE) (Isopro	70.							40 U	40 U	40 U	20 U
Ethylbenzene	600.	3.24 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Hexachlorobutadiene	0.4	3.24 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Iodomethane		4 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Isopropylbenzene (Cumene)	70.	1.68 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Methyl Tert-butyl Ether	20.	6.68 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Methylene chloride	5.	38.8 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
Naphthalene	6.	6.68 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
N-Butylbenzene	70.	2.16 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
N-Propylbenzene	70.	1.76 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
p-Isopropyltoluene (4-Isopropylt	25.	2.2 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Sec-butylbenzene	70.	1.88 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Styrene	70.	2.76 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Tert-butylbenzene	70.	1.84 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Tetrachloroethene	0.7	2.04 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Toluene	600.	3.8 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
trans-1,2-Dichloroethene	100.	1.32 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
trans-1,3-Dichloropropene	0.4	3.24 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
trans-1,4-dichloro-2-butene		4 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	100 U
Trichloroethene	3.	2 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Trichlorofluoromethane	2000.	1.56 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	2.88 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Xylene (total)	500.										
Xylene,o-		1.84 U	80 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	20 U
Xylenes,m+p-		3.32 U	160 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	40 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-06

Chemical Parameter	NC2L 1/1/10	W-MW-6 11/2/09	W-MW-6 11/5/12		W-MW-6 11/4/15		W-MW-6 5/2/16	
1,1,1,2-Tetrachloroethane	1.	1U	5 U		5 U		5 U	
1,1,1-Trichloroethane	200.	**328**	**170**		**160**	D	**140**	D
1,1,2,2-Tetrachloroethane	0.2	1U	5 U		5 U		5 U	
1,1,2-Trichloroethane	0.6	**3.55**	**2.2**	J	**2.1**	JD	**2.6**	JD
1,1-Dichloroethane	6.	**7.41**	**6.2**	J	**5.5**	D	**5.2**	D
1,1-Dichloroethene	350.	**645**	**520**		**500**	D	**450**	D
1,1-Dichloropropene		1U	5 U		5 U		5 U	
1,2,3-Trichlorobenzene		1U	5 U		5 U		5 U	
1,2,3-Trichloropropane	0.005	1U	5 U		5 U		5 U	
1,2,4-Trichlorobenzene	70.	1U	5 U		5 U		5 U	
1,2,4-Trimethylbenzene	400.	1U	5 U		5 U		5 U	
1,2-Dibromo-3-chloropropane	0.04	5U	5 U		5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	1U	5 U		5 U		5 U	
1,2-Dichlorobenzene	20.	1U	5 U		5 U		5 U	
1,2-Dichloroethane	0.4	**6**	5 U		5 U		**3.8**	JD
1,2-Dichloropropane	0.6	1U	5 U		5 U		5 U	
1,3,5-Trimethylbenzene	400.	1U	5 U		5 U		5 U	
1,3-Dichlorobenzene	200.	1U	5 U		5 U		5 U	
1,3-Dichloropropane		1U	5 U		5 U		5 U	
1,4-Dichlorobenzene	6.	1U	5 U		5 U		5 U	
2,2-Dichloropropane		1U	5 U		5 U		5 U	
2-Butanone (MEK)	4000.	25U	25U		25U		25U	
2-Chloroethyl Vinyl Ether		5U	25U		25U		25U	
2-Chlorotoluene	100.	1U	5 U		5 U		5 U	
2-Hexanone	40.	5U	25U		25U		25U	
4-Chlorotoluene	24.	1U	5 U		5 U		5 U	
4-Methyl-2-pentanone		5U	25U		25U		25U	
Acetone	6000.	25U	25U		25U		25U	
Acrolein	4.							
Acrylonitrile								
Benzene	1.	1U	5 U		5 U		5 U	
Bromobenzene		1U	5 U		5 U		5 U	
Bromochloromethane		1U	5 U		5 U		5 U	
Bromodichloromethane	0.6	1U	5 U		5 U		5 U	
Bromoform	4.	**1.20**	5 U		5 U		5 U	
Bromomethane	10.	1U	5 U		5 U		5 U	
Carbon Disulfide	700.	1U	5 U		5 U		5 U	
Carbon Tetrachloride	0.3	1U	5 U		5 U		5 U	
Chlorobenzene	50.	1U	5 U		5 U		5 U	
Chloroethane	3000.	1U	5 U		5 U		5 U	
Chloroform	70.	1U	5 U		5 U		5 U	
Chloromethane	3.	1U	5 U		5 U		5 U	
cis-1,2-Dichloroethene	70.	**1.08**	5 U		5 U		5 U	
cis-1,3-Dichloropropene	0.4	1U	5 U		5 U		5 U	
Dibromochloromethane	0.4	1U	5 U		5 U		5 U	
Dibromomethane	70.	1U	5 U		5 U		5 U	
Dichlorodifluoromethane	1000.	5 U	**2.2**	J	5 U		5 U	
Diisopropyl ether (DIPE) (Isopro	70.	1U	5 U		5 U		5 U	
Ethylbenzene	600.	1U	5 U		5 U		5 U	
Hexachlorobutadiene	0.4	1U	5 U		5 U		5 U	
Iodomethane		1U	5 U		5 U		5 U	
Isopropylbenzene (Cumene)	70.	1U	5 U		5 U		5 U	
Methyl Tert-butyl Ether	20.	1U	5 U		5 U		5 U	
Methylene chloride	5.	5U	5 U		5 U		5 U	
Naphthalene	6.	1U	5 U		5 U		5 U	
N-Butylbenzene	70.	1U	5 U		5 U		5 U	
N-Propylbenzene	70.	1U	5 U		5 U		5 U	
p-Isopropyltoluene (4-Isopropylt	25.	1U	5 U		5 U		5 U	
Sec-butylbenzene	70.	1U	5 U		5 U		5 U	
Styrene	70.	1U	5 U		5 U		5 U	
Tert-butylbenzene	70.	1U	5 U		5 U		5 U	
Tetrachloroethene	0.7	1U	5 U		5 U		5 U	
Toluene	600.	1U	5 U		5 U		5 U	
trans-1,2-Dichloroethene	100.	1U	5 U		5 U		5 U	
trans-1,3-Dichloropropene	0.4	1U	5 U		5 U		5 U	
trans-1,4-dichloro-2-butene		5U						
Trichloroethene	3.	1U	5 U		5 U		5 U	
Trichlorofluoromethane	2000.	1U	5 U		5 U		5 U	
Vinyl Acetate	88.							
Vinyl Chloride	0.03	1U	5 U		5 U		5 U	
Xylene (total)	500.		15 U		15 U		15 U	
Xylene,o-		1U	5 U		5 U		5 U	
Xylenes,m+p-		2U	10 U		10 U		10 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-07

Chemical Parameter	NC2L 1/1/10	W-MW-07 10/15/93	W-MW-07 10/16/93	W-MW-07 8/4/94	W-MW-07 11/15/94	W-MW-07 8/1/95	W-MW-07 10/16/96	W-MW-07 3/21/97	W-MW-07R 3/21/97	W-MW-07 11/22/97	W-MW-07 2/24/98
1,1,1,2-Tetrachloroethane	1.									1 U	0.66 U
1,1,1-Trichloroethane	200.	**14**	**12**	0.5 U	0.5 U	0.5 U	5 U	**2**	**0.6**	1 U	0.54 U
1,1,2,2-Tetrachloroethane	0.2									1 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.89 U
1,1-Dichloroethane	6.	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.45 U
1,1-Dichloroethene	350.	**17**	**20**	0.5 U	**0.66**	**0.89**	**1.8**	**2**	**0.5**	1 U	0.55 U
1,1-Dichloropropene										1 U	0.74 U
1,2,3-Trichlorobenzene				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	1 U
1,2,3-Trichloropropane	0.005			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.87 U
1,2,4-Trichlorobenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	1 U
1,2,4-Trimethylbenzene	400.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04									5 U	1.2 U
1,2-Dibromoethane (Ethylene di	0.02									1 U	0.48 U
1,2-Dichlorobenzene	20.									1 U	0.78 U
1,2-Dichloroethane	0.4	1 U	1 U	0.38 U	0.5 U	**0.53**	5 U	0.5 U	0.5 U	1 U	0.55 U
1,2-Dichloropropane	0.6									1 U	0.48 U
1,3,5-Trimethylbenzene	400.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U
1,3-Dichlorobenzene	200.									1 U	0.67 U
1,3-Dichloropropane										1 U	0.73 U
1,4-Dichlorobenzene	6.									1 U	0.75 U
2,2-Dichloropropane										1 U	0.56 U
2-Butanone (MEK)	4000.									25 U	3.1 U
2-Chloroethyl Vinyl Ether										5 U	0.89 U
2-Chlorotoluene	100.									1 U	0.51 U
2-Hexanone	40.									5 U	4.1 U
4-Chlorotoluene	24.									1 U	0.53 U
4-Methyl-2-pentanone										5 U	3.1 U
Acetone	6000.						50 U	10 U	10 U	25 U	3.9 U
Acrolein	4.									50 U	25 U
Acrylonitrile										50 U	25 U
Benzene	1.	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.4 U
Bromobenzene										1 U	0.69 U
Bromochloromethane										1 U	0.75 U
Bromodichloromethane	0.6									1 U	0.91 U
Bromoform	4.									1 U	0.84 U
Bromomethane	10.									1 U	0.58 U
Carbon Disulfide	700.						5 U	0.5 U	0.5 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.62 U
Chlorobenzene	50.									1 U	0.54 U
Chloroethane	3000.									1 U	0.69 U
Chloroform	70.	1 U	1 U	0.19 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.67 U
Chloromethane	3.	1 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	1 U	0.86 U
cis-1,2-Dichloroethene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U
cis-1,3-Dichloropropene	0.4									1 U	0.67 U
Dibromochloromethane	0.4									1 U	0.79 U
Dibromomethane	70.									1 U	0.5 U
Dichlorodifluoromethane	1000.			0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	5 U	0.81 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	1 U	0.5 U	**0.72**	**0.77**	5 U	0.5 U	0.5 U	1 U	0.81 U
Hexachlorobutadiene	0.4									1 U	0.81 U
Iodomethane										1 U	1 U
Isopropylbenzene (Cumene)	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.42 U
Methyl Tert-butyl Ether	20.						5 U	0.5 U	0.5 U	1 U	1 U
Methylene chloride	5.	1 U	1 U	0.5 U	0.5 U	0.5 U	10 U	2 U	2 U	5 U	5 U
Naphthalene	6.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	1 U
N-Butylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.54 U
N-Propylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.55 U
Sec-butylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.47 U
Styrene	70.									1 U	0.69 U
Tert-butylbenzene	70.			0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.46 U
Tetrachloroethene	0.7	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.51 U
Toluene	600.	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.33 U
trans-1,3-Dichloropropene	0.4									1 U	0.81 U
trans-1,4-dichloro-2-butene										5 U	1 U
Trichloroethene	3.	**2**	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	0.5 U
Trichlorofluoromethane	2000.									1 U	0.39 U
Vinyl Acetate	88.						10 U	0.5 U	0.5 U		
Vinyl Chloride	0.03	1 U	1 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	1 U	0.72 U
Xylene (total)	500.	1 U	1 U	**0.82**	**3.6**	**2.78**	5 U	1 U	1 U		
Xylene,o-										1 U	0.46 U
Xylenes,m+p-										2 U	0.83 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-07

Chemical Parameter	NC2L 1/1/10	W-MW-07 5/28/98	M-MW-7 8/25/98	W-MW-7 11/18/98	W-MW-7 2/22/99	W-MW-7 8/23/99	W-MW-7 2/19/00	W-MW-7 8/20/00	W-MW-7 11/5/00	W-MW-7 5/23/01	W-MW-7 11/7/01
1,1,1,2-Tetrachloroethane	1.	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	50 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		50 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.									1 U	1 U
Ethylbenzene	600.	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	1 U	5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-08

Chemical Parameter	NC2L 1/1/10	W-MW-08 10/15/93	W-MW-08 8/5/94	W-MW-08 11/15/94	W-MW-08 8/1/95	W-MW-08 10/16/96	W-MW-08 3/20/97	W-MW-08 4/6/99	W-MW-8 8/23/99	W-MW-8 2/19/00	W-MW-8 8/19/00
1,1,1,2-Tetrachloroethane	1.							40 U	0.66 U	40 U	40 U
1,1,1-Trichloroethane	200.	**300**	**144**	**170**	**180**	**130**	**34**	**390**	**150**	**190**	**150**
1,1,2,2-Tetrachloroethane	0.2							40 U	0.8 U	40 U	40 U
1,1,2-Trichloroethane	0.6	1 U	**2.9**	**3.3**	**3.4**	5 U	2 U	40 U	**2**	40 U	40 U
1,1-Dichloroethane	6.	**26**	**14**	**17**	**17**	**11 J**	2 U	40 U	**9**	40 U	40 U
1,1-Dichloroethene	350.	**480**	**430**	**440**	**560**	**430**	**38**	**190**	**290**	**460**	**440**
1,1-Dichloropropene								40 U	0.74 U	40 U	40 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	1.18 U	40 U	40 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.87 U	40 U	40 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	1.02 U	40 U	40 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.51 U	40 U	40 U
1,2-Dibromo-3-chloropropane	0.04							200 U	1.24 U	200 U	200 U
1,2-Dibromoethane (Ethylene dibromid	0.02							40 U	0.48 U	40 U	40 U
1,2-Dichlorobenzene	20.							40 U	0.78 U	40 U	40 U
1,2-Dichloroethane	0.4	**14**	**5.3**	**5.4**	**6.6 B**	5 U	2 U	40 U	**4**	40 U	40 U
1,2-Dichloropropane	0.6							40 U	0.48 U	40 U	40 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.5 U	40 U	40 U
1,3-Dichlorobenzene	200.							40 U	0.67 U	40 U	40 U
1,3-Dichloropropane								40 U	0.73 U	40 U	40 U
1,4-Dichlorobenzene	6.							40 U	0.75 U	40 U	40 U
2,2-Dichloropropane								40 U	0.56 U	40 U	40 U
2-Butanone (MEK)	4000.							1000 U	3.1 U	1000 U	1000 U
2-Chloroethyl Vinyl Ether								200 U	0.89 U	200 U	200 U
2-Chlorotoluene	100.							40 U	0.51 U	40 U	40 U
2-Hexanone	40.							200 U	4.08 U	200 U	200 U
4-Chlorotoluene	24.							40 U	0.53 U	40 U	40 U
4-Methyl-2-pentanone								200 U	3.15 U	200 U	200 U
Acetone	6000.					50 U	40 U	1000 U	3.9 U	1000 U	1000 U
Acrolein	4.							4000 U	25 U	4000 U	4000 U
Acrylonitrile								4000 U	25 U	4000 U	4000 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.4 U	40 U	40 U
Bromobenzene								40 U	0.69 U	40 U	40 U
Bromochloromethane								40 U	0.75 U	40 U	40 U
Bromodichloromethane	0.6							40 U	0.91 U	40 U	40 U
Bromoform	4.							40 U	0.84 U	40 U	40 U
Bromomethane	10.							40 U	0.58 U	40 U	40 U
Carbon Disulfide	700.	1 U	**0.42**	**0.53**	**0.57**	5 U	2 U	40 U	1 U	40 U	40 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	2 U	40 U	0.62 U	40 U	40 U
Chlorobenzene	50.							40 U	0.54 U	40 U	40 U
Chloroethane	3000.							40 U	0.69 U	40 U	40 U
Chloroform	70.	1 U	**0.42**	**0.53**	**0.57**	5 U	2 U	40 U	0.67 U	40 U	40 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	10 U	2 U	40 U	0.86 U	40 U	40 U
cis-1,2-Dichloroethene	70.		1.2	1.1	1.3	5 U	2 U	40 U	0.8 J	40 U	40 U
cis-1,3-Dichloropropene	0.4							40 U	0.67 U	40 U	40 U
Dibromochloromethane	0.4							40 U	0.79 U	40 U	40 U
Dibromomethane	70.							40 U	0.5 U	40 U	40 U
Dichlorodifluoromethane	1000.		30	21	19	35	4	200 U	19	200 U	200 U
Diisopropyl ether (DIPE) (Isopropyl eth	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.81 U	40 U	40 U
Hexachlorobutadiene	0.4							40 U	0.81 U	40 U	40 U
Iodomethane								40 U	1 U	40 U	40 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.42 U	40 U	40 U
Methyl Tert-butyl Ether	20.					5 U	2 U	40 U	1.67 U	40 U	40 U
Methylene chloride	5.	1 U	0.5 U	**0.81**	0.5 U	10 U	8 U	200 U	9.7 U	200 U	200 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	1.67 U	40 U	40 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.54 U	40 U	40 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.44 U	40 U	40 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.55 U	40 U	40 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.47 U	40 U	40 U
Styrene	70.							40 U	0.69 U	40 U	40 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.46 U	40 U	40 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.51 U	40 U	40 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.95 U	40 U	40 U
trans-1,2-Dichloroethene	100.	1 U	**0.56**	**1.1**	**0.51**	5 U	2 U	40 U	**0.4 J**	40 U	40 U
trans-1,3-Dichloropropene	0.4							40 U	0.81 U	40 U	40 U
trans-1,4-dichloro-2-butene								200 U	1 U	200 U	200 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	40 U	0.5 U	40 U	40 U
Trichlorofluoromethane	2000.							40 U	0.39 U	40 U	40 U
Vinyl Acetate	88.					10 U	2 U				
Vinyl Chloride	0.03	1 U	**0.24**	0.5 U	0.5 U	10 U	2 U	40 U	0.72 U	40 U	40 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	4 U				
Xylene,o-								40 U	0.46 U	40 U	40 U
Xylenes,m+p-								80 U	0.83 U	80 U	80 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-08

Chemical Parameter	NC2L 1/1/10	W-MW-8 11/5/00	W-MW-8 5/23/01	W-MW-8 11/7/01	W-MW-8 11/3/09	W-MW-8 11/6/13		W-MW-8 11/3/15	
1,1,1,2-Tetrachloroethane	1.	40 U	40 U	40 U	1 U	5U		5U	
1,1,1-Trichloroethane	200.	**160**	**180**	**170**	**92.6**	**49**	D	**43**	D
1,1,2,2-Tetrachloroethane	0.2	40 U	40 U	40 U	1 U	5U		5U	
1,1,2-Trichloroethane	0.6	40 U	40 U	40 U	**1.81**	5U		5U	
1,1-Dichloroethane	6.	40 U	40 U	40 U	**5.76**	**4.4**	JD	**4.2**	JD
1,1-Dichloroethene	350.	**400**	**420**	**420**	**361**	**370**	D	**310**	D
1,1-Dichloropropene		40 U	40 U	40 U	1 U	5U		5U	
1,2,3-Trichlorobenzene		40 U	40 U	40 U	1 U	5U		5U	
1,2,3-Trichloropropane	0.005	40 U	40 U	40 U	1 U	5U		5U	
1,2,4-Trichlorobenzene	70.	40 U	40 U	40 U	1 U	5U		5U	
1,2,4-Trimethylbenzene	400.	40 U	40 U	40 U	1 U	5U		5U	
1,2-Dibromo-3-chloropropane	0.04	200 U	200 U	200 U	5 U	5 U		5 U	
1,2-Dibromoethane (Ethylene dibromid	0.02	40 U	40 U	40 U	1 U	5U		5U	
1,2-Dichlorobenzene	20.	40 U	40 U	40 U	1 U	5U		5U	
1,2-Dichloroethane	0.4	40 U	40 U	40 U	**3.27**	**2.8**	J	5U	
1,2-Dichloropropane	0.6	40 U	40 U	40 U	1 U	5U		5U	
1,3,5-Trimethylbenzene	400.	40 U	40 U	40 U	1 U	5U		5U	
1,3-Dichlorobenzene	200.	40 U	40 U	40 U	1 U	5U		5U	
1,3-Dichloropropane		40 U	40 U	40 U	1 U	5U		5U	
1,4-Dichlorobenzene	6.	40 U	40 U	40 U	1 U	5U		5U	
2,2-Dichloropropane		40 U	40 U	40 U	1 U	5U		5U	
2-Butanone (MEK)	4000.	1000 U	1000 U	1000 U	25 U	25 U		25 U	
2-Chloroethyl Vinyl Ether		200 U	200 U	200 U	5 U	25 U		25 U	
2-Chlorotoluene	100.	40 U	40 U	40 U	1 U	5U		5U	
2-Hexanone	40.	200 U	200 U	200 U	5 U	25 U		25 U	
4-Chlorotoluene	24.	40 U	40 U	40 U	1 U	5U		5U	
4-Methyl-2-pentanone		200 U	200 U	200 U	5 U	25 U		25 U	
Acetone	6000.	1000 U	1000 U	1000 U	25 U	25 U		25 U	
Acrolein	4.	4000 U	4000 U	4000 U					
Acrylonitrile		4000 U	4000 U	4000 U					
Benzene	1.	40 U	40 U	40 U	1 U	5U		5U	
Bromobenzene		40 U	40 U	40 U	1 U	5U		5U	
Bromochloromethane		40 U	40 U	40 U	1 U	5U		5U	
Bromodichloromethane	0.6	40 U	40 U	40 U	1 U	5U		5U	
Bromoform	4.	40 U	40 U	40 U	1 U	5U		5U	
Bromomethane	10.	40 U	40 U	40 U	1 U	5U		5U	
Carbon Disulfide	700.	40 U	40 U	40 U	1 U	25U		25U	
Carbon Tetrachloride	0.3	40 U	40 U	40 U	1 U	5U		5U	
Chlorobenzene	50.	40 U	40 U	40 U	1 U	5U		5U	
Chloroethane	3000.	40 U	40 U	40 U	1 U	5U		5U	
Chloroform	70.	40 U	40 U	40 U	1 U	5U		5U	
Chloromethane	3.	40 U	40 U	40 U	1 U	5U		5U	
cis-1,2-Dichloroethene	70.	40 U	40 U	40 U	1 U	5U		5U	
cis-1,3-Dichloropropene	0.4	40 U	40 U	40 U	1 U	5U		5U	
Dibromochloromethane	0.4	40 U	40 U	40 U	1 U	5U		5U	
Dibromomethane	70.	40 U	40 U	40 U	1 U	5U		5U	
Dichlorodifluoromethane	1000.	200 U	200 U	200 U	**10.6**	**9.3**	D	**6.4**	D
Diisopropyl ether (DIPE) (Isopropyl eth	70.		40 U	40 U	1 U	5U		5U	
Ethylbenzene	600.	40 U	40 U	40 U	1 U	5U		5U	
Hexachlorobutadiene	0.4	40 U	40 U	40 U	1 U	5U		5U	
Iodomethane		40 U	40 U	40 U	1 U				
Isopropylbenzene (Cumene)	70.	40 U	40 U	40 U	1 U	5U		5U	
Methyl Tert-butyl Ether	20.	40 U	40 U	40 U	1 U	5U		5U	
Methylene chloride	5.	200 U	200 U	200 U	5 U	5U		5U	
Naphthalene	6.	40 U	40 U	40 U	1 U	5U		5U	
N-Butylbenzene	70.	40 U	40 U	40 U	1 U	5U		5U	
N-Propylbenzene	70.	40 U	40 U	40 U	1 U	5U		5U	
p-Isopropyltoluene (4-Isopropyltoluene)	25.	40 U	40 U	40 U	1 U	5U		5U	
Sec-butylbenzene	70.	40 U	40 U	40 U	1 U	5U		5U	
Styrene	70.	40 U	40 U	40 U	1 U	5U		5U	
Tert-butylbenzene	70.	40 U	40 U	40 U	1 U	5U		5U	
Tetrachloroethene	0.7	40 U	40 U	40 U	1 U	5U		5U	
Toluene	600.	40 U	40 U	40 U	1 U	5U		5U	
trans-1,2-Dichloroethene	100.	40 U	40 U	40 U	1 U	5U		5U	
trans-1,3-Dichloropropene	0.4	40 U	40 U	40 U	1 U	5U		5U	
trans-1,4-dichloro-2-butene		200 U	200 U	200 U	5 U				
Trichloroethene	3.	40 U	40 U	40 U	1 U	5U		5U	
Trichlorofluoromethane	2000.	40 U	40 U	40 U	1 U	5U		5U	
Vinyl Acetate	88.								
Vinyl Chloride	0.03	40 U	40 U	40 U	1 U	5U		5U	
Xylene (total)	500.							15U	
Xylene,o-		40 U	40 U	40 U	1 U	5 U		5 U	
Xylenes,m+p-		80 U	80 U	80 U	2 U	10 U		10 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-09

Chemical Parameter	NC2L 1/1/10	W-MW-09 10/16/93	W-MW-09 8/4/94	W-MW-09 11/15/94	W-MW-09 7/31/95	W-MW-09 10/17/96	W-MW-09 3/20/97	W-MW-09 11/22/97	W-MW-09 2/24/98	W-MW-09 5/27/98	M-MW-9 8/24/98
1,1,1,2-Tetrachloroethane	1.							1 U	0.66 U	1 U	0.66 U
1,1,1-Trichloroethane	200.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.54 U	1 U	0.54 U
1,1,2,2-Tetrachloroethane	0.2							1 U	0.8 U	1 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.89 U	1 U	0.89 U
1,1-Dichloroethane	6.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.45 U	1 U	0.45 U
1,1-Dichloroethene	350.	**9**	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.55 U	1 U	0.55 U
1,1-Dichloropropene								1 U	0.74 U	1 U	0.74 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1 U	1 U	1.2 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.87 U	1 U	0.87 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.51 U	1 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04							5 U	1.2 U	5 U	1.2 U
1,2-Dibromoethane (Ethylene di	0.02							1 U	0.48 U	1 U	0.48 U
1,2-Dichlorobenzene	20.							1 U	0.78 U	1 U	0.78 U
1,2-Dichloroethane	0.4	1 U	0.38 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.55 U	1 U	0.64 U
1,2-Dichloropropane	0.6							1 U	0.48 U	1 U	0.48 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	1 U	0.5 U
1,3-Dichlorobenzene	200.							1 U	0.67 U	1 U	0.67 U
1,3-Dichloropropane								1 U	0.73 U	1 U	0.73 U
1,4-Dichlorobenzene	6.							1 U	0.75 U	1 U	0.75 U
2,2-Dichloropropane								1 U	0.56 U	1 U	0.56 U
2-Butanone (MEK)	4000.							25 U	3.1 U	25 U	3.1 U
2-Chloroethyl Vinyl Ether								5 U	0.89 U	5 U	0.89 U
2-Chlorotoluene	100.							1 U	0.51 U	1 U	0.51 U
2-Hexanone	40.							5 U	4.1 U	5 U	4.1 U
4-Chlorotoluene	24.							1 U	0.53 U	1 U	0.53 U
4-Methyl-2-pentanone								5 U	3.1 U	5 U	3.1 U
Acetone	6000.					50 U	10 U	25 U	3.9 U	25 U	3.9 U
Acrolein	4.							50 U	25 U	50 U	25 U
Acrylonitrile								50 U	25 U	50 U	25 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.4 U	1 U	0.4 U
Bromobenzene								1 U	0.69 U	1 U	0.69 U
Bromochloromethane								1 U	0.75 U	1 U	0.75 U
Bromodichloromethane	0.6							1 U	0.91 U	1 U	0.91 U
Bromoform	4.							1 U	0.84 U	1 U	0.84 U
Bromomethane	10.							1 U	0.58 U	1 U	0.58 U
Carbon Disulfide	700.	1 U	0.19 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.62 U	1 U	0.62 U
Chlorobenzene	50.							1 U	0.54 U	1 U	0.54 U
Chloroethane	3000.							1 U	0.69 U	1 U	0.69 U
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.67 U	1 U	0.67 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	1 U	0.86 U	1 U	0.86 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	1 U	0.5 U
cis-1,3-Dichloropropene	0.4							1 U	0.67 U	1 U	0.67 U
Dibromochloromethane	0.4							1 U	0.79 U	1 U	0.79 U
Dibromomethane	70.							1 U	0.5 U	1 U	0.5 U
Dichlorodifluoromethane	1000.		0.61	0.5 U	0.97	10 U	1	5 U	0.8 J	5 U	4
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.81 U	1 U	0.81 U
Hexachlorobutadiene	0.4							1 U	0.81 U	1 U	0.81 U
Iodomethane								1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.42 U	1 U	0.42 U
Methyl Tert-butyl Ether	20.					5 U	0.5 U	1 U	1 U	1 U	1.7 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	10 U	2 U	5 U	5 U	5 U	9.7 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	1.6 B,J	0.5 U	1 U	1 U	1 U	1.7 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.54 U	1 U	0.54 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.44 U	1 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.55 U	1 U	0.55 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.47 U	1 U	0.47 U
Styrene	70.							1 U	0.69 U	1 U	0.69 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.46 U	1 U	0.46 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.51 U	1 U	0.51 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.95 U	1 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.33 U	1 U	0.33 U
trans-1,3-Dichloropropene	0.4							1 U	0.81 U	1 U	0.81 U
trans-1,4-dichloro-2-butene								5 U	1 U	5 U	1 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	1 U	0.5 U
Trichlorofluoromethane	2000.							1 U	0.39 U	1 U	0.39 U
Vinyl Acetate	88.					10 U	0.5 U				
Vinyl Chloride	0.03	1 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	1 U	0.72 U	1 U	0.72 U
Xylene (total)	500.	1 U	**0.55**	0.5 U	0.5 U	5 U	1 U				
Xylene,o-								1 U	0.46 U	1 U	0.46 U
Xylenes,m+p-								2 U	0.83 U	2 U	0.83 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-09

Chemical Parameter	NC2L 1/1/10	W-MW-9 11/18/98	W-MW-9 2/22/99	W-MW-9 8/24/99	W-MW-9 2/19/00	W-MW-9 8/17/00	W-MW-9 11/5/00	W-MW-9 3/23/01	W-MW-9 7/16/01	W-MW-9 11/6/01
1,1,1,2-Tetrachloroethane	1.	1 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.64 U	0.64 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	3.9 U	3.9 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	1 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	4	1	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.								1 U	1 U
Ethylbenzene	600.	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-10

Chemical Parameter	NC2L 1/1/10	W-MW-10 10/14/93	W-MW-10 8/5/94	W-MW-10 11/14/94	W-MW-21 11/14/94	W-MW-10 8/2/95	W-MW-10 10/17/96	W-MW-10 3/20/97	W-MW-10 11/22/97	W-MW-22 11/22/97	W-MW-10 2/24/98
1,1,1,2-Tetrachloroethane	1.								40 U	40 U	0.66 U
1,1,1-Trichloroethane	200.	**1100**	**340**	**400**	**400**	**420**	**270**	**470**	**240**	**220**	**440**
1,1,2,2-Tetrachloroethane	0.2								40 U	40 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U	**5.2**	0.5 U	0.5 U	**5**	5 U	25 U	40 U	40 U	0.89 U
1,1-Dichloroethane	6.	**32**	**28**	**35**	**34**	**30**	**19 J**	25 U	40 U	40 U	**16**
1,1-Dichloroethene	350.	**870**	**620**	**840**	**880**	**780**	**570**	**600**	**370**	**350**	**680**
1,1-Dichloropropene									40 U	40 U	0.74 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	1 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.87 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04								200 U	200 U	1.2 U
1,2-Dibromoethane (Ethylene di	0.02								40 U	40 U	0.48 U
1,2-Dichlorobenzene	20.								40 U	40 U	0.78 U
1,2-Dichloroethane	0.4	**51**	**8.7**	0.5 U	0.5 U	**8.2 B**	5 U	25 U	40 U	40 U	**6**
1,2-Dichloropropane	0.6								40 U	40 U	0.48 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.5 U
1,3-Dichlorobenzene	200.								40 U	40 U	0.67 U
1,3-Dichloropropane									40 U	40 U	0.73 U
1,4-Dichlorobenzene	6.								40 U	40 U	0.75 U
2,2-Dichloropropane									40 U	40 U	0.56 U
2-Butanone (MEK)	4000.								1000 U	1000 U	3.1 U
2-Chloroethyl Vinyl Ether									200 U	200 U	0.89 U
2-Chlorotoluene	100.								40 U	40 U	0.51 U
2-Hexanone	40.								200 U	200 U	4.1 U
4-Chlorotoluene	24.								40 U	40 U	0.53 U
4-Methyl-2-pentanone									200 U	200 U	3.1 U
Acetone	6000.						50 U	50 U	1000 U	1000 U	3.9 U
Acrolein	4.								2000 U	2000 U	25 U
Acrylonitrile									2000 U	2000 U	25 U
Benzene	1.	**1**	**1.2**	0.5 U	0.5 U	**0.79**	5 U	25 U	40 U		0.4 U
Bromobenzene									40 U		0.69 U
Bromochloromethane									40 U		0.75 U
Bromodichloromethane	0.6								40 U		0.91 U
Bromoform	4.								40 U		0.84 U
Bromomethane	10.								40 U		0.58 U
Carbon Disulfide	700.						5 U	25 U	40 U	40 U	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.62 U
Chlorobenzene	50.								40 U	40 U	0.54 U
Chloroethane	3000.								40 U	40 U	0.69 U
Chloroform	70.	1 U	**0.66**	0.5 U	0.5 U	**0.67**	5 U	25 U	40 U	40 U	0.67 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	25 U	40 U	40 U	0.86 U
cis-1,2-Dichloroethene	70.		2	0.5 U	0.5 U	1.6	5 U	25 U	40 U	40 U	0.5 U
cis-1,3-Dichloropropene	0.4								40 U	40 U	0.67 U
Dibromochloromethane	0.4								40 U	40 U	0.79 U
Dibromomethane	70.								40 U	40 U	0.5 U
Dichlorodifluoromethane	1000.		23	25 U	25 U	11	10 J	25 U	200 U	200 U	8
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.81 U
Hexachlorobutadiene	0.4								40 U	40 U	0.81 U
Iodomethane									40 U	40 U	1 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.42 U
Methyl Tert-butyl Ether	20.						5 U	25 U	40 U	40 U	1 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	100 U	200 U	200 U	5 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	1 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.54 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.55 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.47 U
Styrene	70.								40 U	40 U	0.69 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.46 U
Tetrachloroethene	0.7	1 U	**0.74**	0.5 U	0.5 U	**0.68**	5 U	25 U	40 U	40 U	0.51 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 U	40 U	40 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U	**0.81**	0.5 U	0.5 U	**0.76**	5 U	25 U	40 U	40 U	0.33 U
trans-1,3-Dichloropropene	0.4								40 U	40 U	0.81 U
trans-1,4-dichloro-2-butene									200 U	200 U	1 U
Trichloroethene	3.	1 U	**0.61**	0.5 U	0.5 U	**0.68**	5 U	25 U	40 U	40 U	0.5 U
Trichlorofluoromethane	2000.								40 U	40 U	0.39 U
Vinyl Acetate	88.						10 U	25 U			
Vinyl Chloride	0.03	1 U	0.015 U	0.5 U	0.5 U	0.5 U	10 U	25 U	40 U	40 U	0.72 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	50 U			
Xylene,o-									40 U	40 U	0.46 U
Xylenes,m+p-									80 U	80 U	0.83 U
VOC TICs											
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-10

Chemical Parameter	NC2L 1/1/10	/W-10-Duplic 2/24/98	W-MW-10 5/27/98	V-MW-10-Du 5/27/98	M-MW-10 8/28/98	W-MW-10 11/19/98	W-MW-10 2/23/99	I-MW-10-DUI 8/26/99	W-MW-10 8/26/99	W-MW-10 2/20/00	W-MW-10 8/19/00
1,1,1,2-Tetrachloroethane	1.	0.66 U	4 U	4 U	26 U	40 U	0.66 U	13.2 U	13.2 U	40 U	40 U
1,1,1-Trichloroethane	200.	**450**	**340**	**340**	**480**	**330**	**400**	**120**	**260**	**290**	**200**
1,1,2,2-Tetrachloroethane	0.2	0.8 U	4 U	4 U	32 U	40 U	0.8 U	16 U	16 U	40 U	40 U
1,1,2-Trichloroethane	0.6	0.89 U	4 U	4 U	36 U	40 U	0.89 U	17.8 U	17.8 U	40 U	40 U
1,1-Dichloroethane	6.	**16**	**15**	**15**	18 U	40 U	**14**	9 U	**10 J**	40 U	40 U
1,1-Dichloroethene	350.	**670**	**520**	**520**	**500**	**500**	**640**	**300**	**360**	**460**	**340**
1,1-Dichloropropene		0.74 U	4 U	4 U	30 U	40 U	0.74 U	14.8 U	14.8 U	40 U	40 U
1,2,3-Trichlorobenzene		1 U	4 U	4 U	47 U	40 U	1.18 U	23.6 U	23.6 U	40 U	40 U
1,2,3-Trichloropropane	0.005	0.87 U	4 U	4 U	35 U	40 U	0.87 U	17.4 U	17.4 U	40 U	40 U
1,2,4-Trichlorobenzene	70.	1 U	4 U	4 U	41 U	40 U	1.02 U	20.4 U	20.4 U	40 U	40 U
1,2,4-Trimethylbenzene	400.	0.51 U	4 U	4 U	20 U	40 U	0.51 U	10.2 U	10.2 U	40 U	40 U
1,2-Dibromo-3-chloropropane	0.04	1.2 U	20 U	20 U	50 U	200 U	1.24 U	24.8 U	24.8 U	200 U	200 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	4 U	4 U	19 U	40 U	0.48 U	9.6 U	9.6 U	40 U	40 U
1,2-Dichlorobenzene	20.	0.78 U	4 U	4 U	31 U	40 U	0.78 U	15.6 U	15.6 U	40 U	40 U
1,2-Dichloroethane	0.4	**6**	**5**	**5**	26 U	40 U	0.64 U	12.8 U	12.8 U	40 U	40 U
1,2-Dichloropropane	0.6	0.48 U	4 U	4 U	19 U	40 U	0.48 U	9.6 U	9.6 U	40 U	40 U
1,3,5-Trimethylbenzene	400.	0.5 U	4 U	4 U	20 U	40 U	0.5 U	10 U	10 U	40 U	40 U
1,3-Dichlorobenzene	200.	0.67 U	4 U	4 U	27 U	40 U	0.67 U	13.4 U	13.4 U	40 U	40 U
1,3-Dichloropropane		0.73 U	4 U	4 U	29 U	40 U	0.73 U	14.6 U	14.6 U	40 U	40 U
1,4-Dichlorobenzene	6.	0.75 U	4 U	4 U	30 U	40 U	0.75 U	15 U	15 U	40 U	40 U
2,2-Dichloropropane		0.56 U	4 U	4 U	22 U	40 U	0.56 U	11.2 U	11.2 U	40 U	40 U
2-Butanone (MEK)	4000.	3.1 U	100 U	100 U	120 U	1000 U	3.1 U	62 U	62 U	1000 U	1000 U
2-Chloroethyl Vinyl Ether		0.89 U	20 U	20 U	36 U	200 U	0.89 U	17.8 U	17.8 U	200 U	200 U
2-Chlorotoluene	100.	0.51 U	4 U	4 U	20 U	40 U	0.51 U	10.2 U	10.2 U	40 U	40 U
2-Hexanone	40.	4.1 U	20 U	20 U	160 U	200 U	4.08 U	81.6 U	81.6 U	200 U	200 U
4-Chlorotoluene	24.	0.53 U	4 U	4 U	21 U	40 U	0.53 U	10.6 U	10.6 U	40 U	40 U
4-Methyl-2-pentanone		3.1 U	20 U	20 U	130 U	200 U	3.15 U	63 U	63 U	200 U	200 U
Acetone	6000.	3.9 U	100 U	100 U	160 U	1000 U	3.9 U	78 U	78 U	1000 U	1000 U
Acrolein	4.	25 U	200 U	200 U	1000 U	4000 U	25 U	500 U	500 U	4000 U	4000 U
Acrylonitrile		25 U	200 U	200 U	1000 U	4000 U	25 U	500 U	500 U	4000 U	4000 U
Benzene	1.	0.4 U	4 U	4 U	16 U	40 U	0.4 U	8 U	8 U	40 U	40 U
Bromobenzene		0.69 U	4 U	4 U	28 U	40 U	0.69 U	13.8 U	13.8 U	40 U	40 U
Bromochloromethane		0.75 U	4 U	4 U	30 U	40 U	0.75 U	15 U	15 U	40 U	40 U
Bromodichloromethane	0.6	0.91 U	4 U	4 U	36 U	40 U	0.91 U	18.2 U	18.2 U	40 U	40 U
Bromoform	4.	0.84 U	4 U	4 U	34 U	40 U	0.84 U	16.8 U	16.8 U	40 U	40 U
Bromomethane	10.	0.58 U	4 U	4 U	23 U	40 U	0.58 U	11.6 U	11.6 U	40 U	40 U
Carbon Disulfide	700.	1 U	4 U	4 U	40 U	40 U	1 U	20 U	20 U	40 U	40 U
Carbon Tetrachloride	0.3	0.62 U	4 U	4 U	25 U	40 U	0.62 U	12.4 U	12.4 U	40 U	40 U
Chlorobenzene	50.	0.54 U	4 U	4 U	22 U	40 U	0.54 U	10.8 U	10.8 U	40 U	40 U
Chloroethane	3000.	0.69 U	4 U	4 U	28 U	40 U	0.69 U	13.8 U	13.8 U	40 U	40 U
Chloroform	70.	0.67 U	4 U	4 U	27 U	40 U	0.67 U	13.4 U	13.4 U	40 U	40 U
Chloromethane	3.	0.86 U	4 U	4 U	34 U	40 U	0.86 U	17.2 U	17.2 U	40 U	40 U
cis-1,2-Dichloroethene	70.	0.5 U	4 U	4 U	20 U	40 U	0.5 U	10 U	10 U	40 U	40 U
cis-1,3-Dichloropropene	0.4	0.67 U	4 U	4 U	27 U	40 U	0.67 U	13.4 U	13.4 U	40 U	40 U
Dibromochloromethane	0.4	0.79 U	4 U	4 U	32 U	40 U	0.79 U	15.8 U	15.8 U	40 U	40 U
Dibromomethane	70.	0.5 U	4 U	4 U	20 U	40 U	0.5 U	10 U	10 U	40 U	40 U
Dichlorodifluoromethane	1000.	7	20 U	20 U	32 U	200 U	15	16.2 U	16.2 U	200 U	200 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.81 U	4 U	4 U	32 U	40 U	0.81 U	16.2 U	16.2 U	40 U	40 U
Hexachlorobutadiene	0.4	0.81 U	4 U	4 U	32 U	40 U	0.81 U	16.2 U	16.2 U	40 U	40 U
Iodomethane		1 U	4 U	4 U	40 U	40 U	1 U	20 U	20 U	40 U	40 U
Isopropylbenzene (Cumene)	70.	0.42 U	4 U	4 U	17 U	40 U	0.42 U	8.4 U	8.4 U	40 U	40 U
Methyl Tert-butyl Ether	20.	1 U	4 U	4 U	67 U	40 U	1.67 U	33.4 U	33.4 U	40 U	40 U
Methylene chloride	5.	5 U	20 U	20 U	390 U	200 U	9.7 U	194 U	194 U	200 U	200 U
Naphthalene	6.	1 U	4 U	4 U	67 U	40 U	1.67 U	33.4 U	33.4 U	40 U	40 U
N-Butylbenzene	70.	0.54 U	4 U	4 U	22 U	40 U	0.54 U	10.8 U	10.8 U	40 U	40 U
N-Propylbenzene	70.	0.44 U	4 U	4 U	18 U	40 U	0.44 U	8.8 U	8.8 U	40 U	40 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	4 U	4 U	22 U	40 U	0.55 U	11 U	11 U	40 U	40 U
Sec-butylbenzene	70.	0.47 U	4 U	4 U	19 U	40 U	0.47 U	9.4 U	9.4 U	40 U	40 U
Styrene	70.	0.69 U	4 U	4 U	28 U	40 U	0.69 U	13.8 U	13.8 U	40 U	40 U
Tert-butylbenzene	70.	0.46 U	4 U	4 U	18 U	40 U	0.46 U	9.2 U	9.2 U	40 U	40 U
Tetrachloroethene	0.7	0.51 U	4 U	4 U	20 U	40 U	0.51 U	10.2 U	10.2 U	40 U	40 U
Toluene	600.	0.95 U	4 U	4 U	38 U	40 U	0.95 U	19 U	19 U	40 U	40 U
trans-1,2-Dichloroethene	100.	0.33 U	4 U	4 U	13 U	40 U	0.33 U	6.6 U	6.6 U	40 U	40 U
trans-1,3-Dichloropropene	0.4	0.81 U	4 U	4 U	32 U	40 U	0.81 U	16.2 U	16.2 U	40 U	40 U
trans-1,4-dichloro-2-butene		1 U	20 U	20 U	40 U	200 U	1 U	20 U	20 U	200 U	200 U
Trichloroethene	3.	0.5 U	4 U	4 U	20 U	40 U	0.5 U	10 U	10 U	40 U	40 U
Trichlorofluoromethane	2000.	0.39 U	4 U	4 U	16 U	40 U	0.39 U	7.8 U	7.8 U	40 U	40 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.72 U	4 U	4 U	29 U	40 U	0.72 U	14.4 U	14.4 U	40 U	40 U
Xylene (total)	500.										
Xylene,o-		0.46 U	4 U	4 U	18 U	40 U	0.46 U	9.2 U	9.2 U	40 U	40 U
Xylenes,m+p-		0.83 U	8 U	8 U	33 U	80 U	0.83 U	16.6 U	16.6 U	80 U	80 U
VOC TICs											
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-10

Chemical Parameter	NC2L 1/1/10	W-MW-10 11/5/00	W-MW-10 5/24/01	W-MW-10 11/8/01	W-MW-10 5/17/02	W-MW-10 11/18/02	W-MW-10 5/19/03	W-MW-10 11/10/03	W-MW-10 5/13/04	W-MW-10 11/16/04	W-MW-10 5/17/05
1,1,1,2-Tetrachloroethane	1.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,1,1-Trichloroethane	200.	**250**	**270**	**290**	**310**	**110**	**180**	**120**	**240**	**272**	**376**
1,1,2,2-Tetrachloroethane	0.2	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,1,2-Trichloroethane	0.6	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	**2.93**	**3.58**
1,1-Dichloroethane	6.	40 U	20 U	20 U	20 U	11	10 U	10 U	10 U	12.8	9.61
1,1-Dichloroethene	350.	**390**	**400**	**440**	**550**	**230**	**330**	**220**	**394**	**394**	**508**
1,1-Dichloropropene		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2,3-Trichlorobenzene		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2,3-Trichloropropane	0.005	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2-Dichlorobenzene	20.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,2-Dichloroethane	0.4	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	**5.2**	**6.01**
1,2-Dichloropropane	0.6	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,3-Dichlorobenzene	200.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,3-Dichloropropane		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
1,4-Dichlorobenzene	6.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
2,2-Dichloropropane		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
2-Butanone (MEK)	4000.	1000 U	500 U	500 U	500 U	250 U	250 U	250 U	250 U	25 U	25 U
2-Chloroethyl Vinyl Ether		200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
2-Chlorotoluene	100.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
2-Hexanone	40.	200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
4-Chlorotoluene	24.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
4-Methyl-2-pentanone		200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
Acetone	6000.	1000 U	500 U	500 U	500 U	250 U	250 U	250 U	250 U	25 U	25 U
Acrolein	4.	4000 U	2000 U	2000 U	2000 U	1000 U	1000 U				
Acrylonitrile		4000 U	2000 U	2000 U	2000 U	1000 U	1000 U				
Benzene	1.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Bromobenzene		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Bromochloromethane		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Bromodichloromethane	0.6	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Bromoform	4.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Bromomethane	10.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Carbon Disulfide	700.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Carbon Tetrachloride	0.3	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Chlorobenzene	50.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Chloroethane	3000.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Chloroform	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Chloromethane	3.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
cis-1,2-Dichloroethene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Dibromochloromethane	0.4	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Dibromomethane	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Dichlorodifluoromethane	1000.	200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Ethylbenzene	600.	40 U	20 U	20 U	20 U	50 U	50 U	50 U	50 U	1 U	1 U
Hexachlorobutadiene	0.4	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Iodomethane		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Methyl Tert-butyl Ether	20.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Methylene chloride	5.	200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
Naphthalene	6.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
N-Butylbenzene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
N-Propylbenzene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	40 U	20 U	20 U	20 U	50 U	50 U	50 U	50 U	1 U	1 U
Sec-butylbenzene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Styrene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Tert-butylbenzene	70.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Tetrachloroethene	0.7	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Toluene	600.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
trans-1,2-Dichloroethene	100.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
trans-1,4-dichloro-2-butene		200 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U	5 U	5 U
Trichloroethene	3.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Trichlorofluoromethane	2000.	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		40 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	1 U	1 U
Xylenes,m+p-		80 U	40 U	40 U	40 U	20 U	20 U	20 U	20 U	2 U	2 U
VOC TICs											
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-10

Chemical Parameter	NC2L 1/1/10	W-MW-10 11/14/05	W-MW-10 5/16/06	W-MW-10 11/14/06	W-MW-10 5/21/07	W-MW-10 11/5/07	W-MW-10 5/14/08	W-MW-10 11/4/08	W-MW-10 5/19/09	W-MW-10 11/3/09	W-MW-10 5/3/10
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**262**	**262**	**267**	**366**	**168**	**143**	**174**	**213**	**123**	**136**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	**2.66**	**3.34**	20 U	**3.84**	**2.25**	**2.14**	**2.28**	**2.56**	**1.9**	**2.25**
1,1-Dichloroethane	6.	9.15	12.3	20 U	12.6	8.11	8.0	**8.45**	**8.23**	**7.39**	**6.73**
1,1-Dichloroethene	350.	**447**	**483**	**441**	**492**	**332**	**319**	**341**	**412**	**321**	**322**
1,1-Dichloropropene		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	**3.89**	**5.34**	20 U	**6.67**	**3.63**	**3.5**	**4.01**	**3.94**	**3.21**	**3.52**
1,2-Dichloropropane	0.6	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	500 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	500 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	20 U	1.15	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
VOC TICs										None detected	
1,4-Dioxane (p-dioxane)	3.									**6.17** J	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-10

Chemical Parameter	NC2L 1/1/10	W-MW-10 11/1/10	W-MW-10 5/13/11	W-MW-10 11/1/11	W-MW-10 5/9/12	W-MW-10 (dup 5/9/12	W-MW-10 11/6/12	W-MW-10 (dup 11/6/12	W-MW-10 5/14/13	W-MW-10 11/4/13		W-MW-10 5/5/14	
1,1,1,2-Tetrachloroethane	1.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,1,1-Trichloroethane	200.	**120**	**140**	**92**	**81**	**91**	**91**	**100**	**74**	**150**	D	**130**	D
1,1,2,2-Tetrachloroethane	0.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,1,2-Trichloroethane	0.6	**2.0 J**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,1-Dichloroethane	6.	**5.80**	**6.70**	**4.0 J**	**8.00**	**8.40**	**6.80**	**6.2**	**5.9 D**	**5.1**	D	**6.5**	D
1,1-Dichloroethene	350.	**300**	**330**	**260**	**270**	**310**	**310**	**320**	**320**	**380**	D	**370**	D
1,1-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2,3-Trichlorobenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2,3-Trichloropropane	0.005	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2,4-Trichlorobenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2,4-Trimethylbenzene	400.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2-Dibromo-3-chloropropane	0.04	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2-Dichlorobenzene	20.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,2-Dichloroethane	0.4	25 U	25 U	25 U	**3.4**	5 U	5 U	5 U	5 U	**2.4**	JD	**4.0**	JD
1,2-Dichloropropane	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,3,5-Trimethylbenzene	400.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,3-Dichlorobenzene	200.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,3-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
1,4-Dichlorobenzene	6.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
2,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	
2-Chloroethyl Vinyl Ether		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	
2-Chlorotoluene	100.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
2-Hexanone	40.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	
4-Chlorotoluene	24.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
4-Methyl-2-pentanone		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	
Acrolein	4.												
Acrylonitrile													
Benzene	1.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Bromobenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Bromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Bromodichloromethane	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Bromoform	4.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Bromomethane	10.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Carbon Disulfide	700.	5 U	5 U	5 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	
Carbon Tetrachloride	0.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Chlorobenzene	50.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Chloroethane	3000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Chloroform	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Chloromethane	3.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
cis-1,2-Dichloroethene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Dibromochloromethane	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Dibromomethane	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Dichlorodifluoromethane	1000.	25 U	25 U	25 U	**2.1**	5 U	5 U	5 U	5 U	5 U		5 U	
Diisopropyl ether (DIPE) (Isopro	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Ethylbenzene	600.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Hexachlorobutadiene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Iodomethane		5 U	5 U										
Isopropylbenzene (Cumene)	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Methyl Tert-butyl Ether	20.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Methylene chloride	5.	25 U	25 U	5 U	5 U	5 U	**2.7 J**	5 U	5 U	5 U		5 U	
Naphthalene	6.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
N-Butylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
N-Propylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
p-Isopropyltoluene (4-Isopropylt	25.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Sec-butylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Styrene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Tert-butylbenzene	70.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Tetrachloroethene	0.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Toluene	600.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
trans-1,2-Dichloroethene	100.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
trans-1,4-dichloro-2-butene		25 U	25 U										
Trichloroethene	3.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Trichlorofluoromethane	2000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Vinyl Acetate	88.												
Vinyl Chloride	0.03	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Xylene (total)	500.				15 U	15 U	15 U	15 U	15 U	15 U		15 U	
Xylene,o-		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	
Xylenes,m+p-		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	
VOC TICs													
1,4-Dioxane (p-dioxane)	3.											**16.8**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-10

Chemical Parameter	NC2L 1/1/10	W-MW-10 11/3/14		W-MW-100 11/3/14		MW-10 5/4/15		MW-10 11/3/15		MW-10 5/2/16	
1,1,1,2-Tetrachloroethane	1.	5 U		5 U		5 U		5 U		5 U	
1,1,1-Trichloroethane	200.	**220**	D	**200**	D	**150**	D	**140**	D	**150**	D
1,1,2,2-Tetrachloroethane	0.2	5 U		5 U		5 U		5 U		5 U	
1,1,2-Trichloroethane	0.6	5 U		5 U		5 U		5 U		5 U	
1,1-Dichloroethane	6.	**8.4**	D	**6.9**	D	**7.1**	D	**5.0**	D	**5.6**	D
1,1-Dichloroethene	350.	**620**	D	**540**	D	**450**	D	**350**	D	**410**	D
1,1-Dichloropropene		5 U		5 U		5 U		5 U		5 U	
1,2,3-Trichlorobenzene		5 U		5 U		5 U		5 U		5 U	
1,2,3-Trichloropropane	0.005	5 U		5 U		5 U		5 U		5 U	
1,2,4-Trichlorobenzene	70.	5 U		5 U		5 U		5 U		5 U	
1,2,4-Trimethylbenzene	400.	5 U		5 U		5 U		5 U		5 U	
1,2-Dibromo-3-chloropropane	0.04	5 U		5 U		5 U		5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	5 U		5 U		5 U		5 U		5 U	
1,2-Dichlorobenzene	20.	5 U		5 U		5 U		5 U		5 U	
1,2-Dichloroethane	0.4	**4.4**	JD	**2.8**	JD	5 U		5 U		**3.0**	JD
1,2-Dichloropropane	0.6	5 U		5 U		5 U		5 U		5 U	
1,3,5-Trimethylbenzene	400.	5 U		5 U		5 U		5 U		5 U	
1,3-Dichlorobenzene	200.	5 U		5 U		5 U		5 U		5 U	
1,3-Dichloropropane		5 U		5 U		5 U		5 U		5 U	
1,4-Dichlorobenzene	6.	5 U		5 U		5 U		5 U		5 U	
2,2-Dichloropropane		5 U		5 U		5 U		5 U		5 U	
2-Butanone (MEK)	4000.	25 U		25 U		25 U		25 U		25 U	
2-Chloroethyl Vinyl Ether		25 U		25 U		25 U		25 U		25 U	
2-Chlorotoluene	100.	5 U		5 U		5 U		5 U		5 U	
2-Hexanone	40.	25 U		25 U		25 U		25 U		25 U	
4-Chlorotoluene	24.	5 U		5 U		5 U		5 U		5 U	
4-Methyl-2-pentanone		25 U		25 U		25 U		25 U		25 U	
Acetone	6000.	25 U		25 U		25 U		25 U		25 U	
Acrolein	4.										
Acrylonitrile											
Benzene	1.	5 U		5 U		5 U		5 U		5 U	
Bromobenzene		5 U		5 U		5 U		5 U		5 U	
Bromochloromethane		5 U		5 U		5 U		5 U		5 U	
Bromodichloromethane	0.6	5 U		5 U		5 U		5 U		5 U	
Bromoform	4.	5 U		5 U		5 U		5 U		5 U	
Bromomethane	10.	5 U		5 U		5 U		5 U		5 U	
Carbon Disulfide	700.	25 U		25 U		25 U		25 U		25 U	
Carbon Tetrachloride	0.3	5 U		5 U		5 U		5 U		5 U	
Chlorobenzene	50.	5 U		5 U		5 U		5 U		5 U	
Chloroethane	3000.	5 U		5 U		5 U		5 U		5 U	
Chloroform	70.	5 U		5 U		5 U		5 U		5 U	
Chloromethane	3.	5 U		5 U		5 U		5 U		5 U	
cis-1,2-Dichloroethene	70.	5 U		5 U		5 U		5 U		5 U	
cis-1,3-Dichloropropene	0.4	5 U		5 U		5 U		5 U		5 U	
Dibromochloromethane	0.4	5 U		5 U		5 U		5 U		5 U	
Dibromomethane	70.	5 U		5 U		5 U		5 U		5 U	
Dichlorodifluoromethane	1000.	5 U		5 U		5 U		5 U		5 U	
Diisopropyl ether (DIPE) (Isopro	70.	5 U		5 U		5 U		5 U		5 U	
Ethylbenzene	600.	5 U		5 U		5 U		5 U		5 U	
Hexachlorobutadiene	0.4	5 U		5 U		5 U		5 U		5 U	
Iodomethane											
Isopropylbenzene (Cumene)	70.	5 U		5 U		5 U		5 U		5 U	
Methyl Tert-butyl Ether	20.	5 U		5 U		5 U		5 U		5 U	
Methylene chloride	5.	5 U		5 U		5 U		5 U		5 U	
Naphthalene	6.	5 U		5 U		5 U		5 U		5 U	
N-Butylbenzene	70.	5 U		5 U		5 U		5 U		5 U	
N-Propylbenzene	70.	5 U		5 U		5 U		5 U		5 U	
p-Isopropyltoluene (4-Isopropylt	25.	5 U		5 U		5 U		5 U		5 U	
Sec-butylbenzene	70.	5 U		5 U		5 U		5 U		5 U	
Styrene	70.	5 U		5 U		5 U		5 U		5 U	
Tert-butylbenzene	70.	5 U		5 U		5 U		5 U		5 U	
Tetrachloroethene	0.7	5 U		5 U		5 U		5 U		5 U	
Toluene	600.	5 U		5 U		5 U		5 U		5 U	
trans-1,2-Dichloroethene	100.	5 U		5 U		5 U		5 U		5 U	
trans-1,3-Dichloropropene	0.4	5 U		5 U		5 U		5 U		5 U	
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	5 U		5 U		5 U		5 U		5 U	
Trichlorofluoromethane	2000.	5 U		5 U		5 U		5 U		5 U	
Vinyl Acetate	88.										
Vinyl Chloride	0.03	5 U		5 U		5 U		5 U		5 U	
Xylene (total)	500.	15 U		15 U		15 U		15 U		15 U	
Xylene,o-		5 U		5 U		5 U		5 U		5 U	
Xylenes,m+p-		10 U		10 U		10 U		10 U		10 U	
VOC TICs											
1,4-Dioxane (p-dioxane)	3.	**17.6**		**16.9**		**17.9**		**18.3**		**18**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-11

Chemical Parameter	NC2L 1/1/10	W-MW-11 10/15/93	W-MW-11 8/5/94	W-MW-11 11/15/94	W-MW-11 8/1/95	W-MW-11 10/17/96	W-MW-11 3/20/97	W-MW-11 11/22/97	W-MW-11 2/24/98	W-MW-11 5/27/98	/W-11-Duplic 5/27/98
1,1,1,2-Tetrachloroethane	1.							5 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	**3**	**5.8**	**7.3**	5 U	5 U	**9**	**24**	**38**	**46**
1,1,2,2-Tetrachloroethane	0.2							5 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	**0.89**	**0.95**	**1.3**	5 U	5 U	5 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	**11**	**14**	**18**	**23**	**18 J**	**11**	**5 J**	**6**	**5**	**6**
1,1-Dichloroethene	350.	**44**	**83**	**170**	**180**	**140**	**77**	**34**	**64**	**94**	**100**
1,1-Dichloropropene								5 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04							25 U	1.2 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02							5 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.							5 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	**0.74**	**0.77**	**1.6 B**	5 U	5 U	5 U	**0.9 J**	**1**	**1**
1,2-Dichloropropane	0.6							5 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.							5 U	0.67 U	1 U	1 U
1,3-Dichloropropane								5 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.							5 U	0.75 U	1 U	1 U
2,2-Dichloropropane								5 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.							120 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether								25 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.							5 U	0.51 U	1 U	1 U
2-Hexanone	40.							25 U	4.1 U	5 U	5 U
4-Chlorotoluene	24.							5 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone								25 U	3.1 U	5 U	5 U
Acetone	6000.					50 U	100 U	120 U	3.9 U	25 U	25 U
Acrolein	4.							250 U	25 U	50 U	50 U
Acrylonitrile								250 U	25 U	50 U	50 U
Benzene	1.	1 U	**1.1**	**0.88**	**1**	5 U	5 U	**2 J**	**2 J**	**0 J**	1 U
Bromobenzene								5 U	0.69 U	1 U	1 U
Bromochloromethane								5 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6							5 U	0.91 U	1 U	1 U
Bromoform	4.							5 U	0.84 U	1 U	1 U
Bromomethane	10.							5 U	0.58 U	1 U	1 U
Carbon Disulfide	700.					5 U	75	5 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	5 U	5 U	0.62 U	1 U	1 U
Chlorobenzene	50.							5 U	0.54 U	1 U	1 U
Chloroethane	3000.							5 U	0.69 U	1 U	1 U
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	5 U	5 U	0.67 U	1 U	1 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	10 U	5 U	5 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.		0.79	0.88	1.5	5 U	5 U	5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4							5 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4							5 U	0.79 U	1 U	1 U
Dibromomethane	70.							5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.		**1200**	**2700**	**2400**	**1400**	**1700**	25 U	**7**	**10**	**15**
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4							5 U	0.81 U	1 U	1 U
Iodomethane								5 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		0.53	0.78	0.5 U	5 U	5 U	5 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.					5 U	5 U	5 U	1	1 U	1 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	10 U	50 U	25 U	5 U	5 U	5 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	1 U	1 U	1 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.54 U	1 U	1 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.		0.73	1.2	1.1	5 U	5 U	5 U	0.47 U	1 U	1 U
Styrene	70.							5 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	1 U	**1.8**	**2.2**	**2.8**	5 U	5 U	5 U	0.51 U	1 U	1 U
Toluene	600.	1 U	**0.91**	0.5 U	0.5 U	5 U	5 U	5 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4							5 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene								25 U	1 U	5 U	5 U
Trichloroethene	3.	1 U	**1.9**	**3**	**5.1**	5 U	5 U	5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.							5 U	0.39 U	1 U	1 U
Vinyl Acetate	88.					10 U	5 U				
Vinyl Chloride	0.03	1 U	0.015 U	0.5 U	0.5 U	10 U	5 U	5 U	0.72 U	1 U	1 U
Xylene (total)	500.	1 U	**0.51**	0.5 U	0.5 U	5 U	15 U				
Xylene,o-								5 U	0.46 U	1 U	1 U
Xylenes,m+p-								10 U	0.83 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-11

Chemical Parameter	NC2L 1/1/10	M-MW-11 8/27/98	V-MW-11 DU 11/19/98	W-MW-11 11/19/98	W-MW-11 2/22/99	W-MW-11 8/26/99	W-MW-11 2/19/00	W-MW-11 5/31/00	W-MW-11 8/19/00	W-MW-11 11/5/00	W-MW-11-25 3/22/01
1,1,1,2-Tetrachloroethane	1.	66 U	100 U	100 U	0.66 U	0.66 U	40 U	50 U	50 U	50 U	40 U
1,1,1-Trichloroethane	200.	54 U	100 U	100 U	0.54 U	0.54 U	40 U	50 U	50 U	50 U	3 U
1,1,2,2-Tetrachloroethane	0.2	80 U	100 U	100 U	0.8 U	0.8 U	40 U	50 U	50 U	50 U	40 U
1,1,2-Trichloroethane	0.6	89 U	100 U	100 U	0.89 U	0.89 U	40 U	50 U	50 U	50 U	40 U
1,1-Dichloroethane	6.	45 U	100 U	100 U	**0.6 J**	0.45 U	40 U	50 U	50 U	50 U	**35 J**
1,1-Dichloroethene	350.	**100**	**140**	**130**	**4**	**1**	**140**	**120**	**180**	**130**	**230**
1,1-Dichloropropene		74 U	100 U	100 U	0.74 U	0.74 U	40 U	50 U	50 U	50 U	40 U
1,2,3-Trichlorobenzene		120 U	100 U	100 U	1.18 U	1.18 U	40 U	50 U	50 U	50 U	40 U
1,2,3-Trichloropropane	0.005	87 U	100 U	100 U	0.87 U	0.87 U	40 U	50 U	50 U	50 U	40 U
1,2,4-Trichlorobenzene	70.	100 U	100 U	100 U	1.02 U	1.02 U	40 U	50 U	50 U	50 U	40 U
1,2,4-Trimethylbenzene	400.	51 U	100 U	100 U	0.51 U	0.51 U	40 U	50 U	50 U	50 U	40 U
1,2-Dibromo-3-chloropropane	0.04	120 U	500 U	500 U	1.24 U	1.24 U	200 U	250 U	250 U	250 U	200 U
1,2-Dibromoethane (Ethylene di	0.02	48 U	100 U	100 U	0.48 U	0.48 U	40 U	50 U	50 U	50 U	40 U
1,2-Dichlorobenzene	20.	78 U	100 U	100 U	0.78 U	0.78 U	40 U	50 U	50 U	50 U	40 U
1,2-Dichloroethane	0.4	64 U	100 U	100 U	0.64 U	0.64 U	40 U	50 U	50 U	50 U	40 U
1,2-Dichloropropane	0.6	48 U	100 U	100 U	0.48 U	0.48 U	40 U	50 U	50 U	50 U	40 U
1,3,5-Trimethylbenzene	400.	50 U	100 U	100 U	0.5 U	0.5 U	40 U	50 U	50 U	50 U	40 U
1,3-Dichlorobenzene	200.	67 U	100 U	100 U	0.67 U	0.67 U	40 U	50 U	50 U	50 U	40 U
1,3-Dichloropropane		73 U	100 U	100 U	0.73 U	0.73 U	40 U	50 U	50 U	50 U	40 U
1,4-Dichlorobenzene	6.	75 U	100 U	100 U	0.75 U	0.75 U	40 U	50 U	50 U	50 U	40 U
2,2-Dichloropropane		56 U	100 U	100 U	0.56 U	0.56 U	40 U	50 U	50 U	50 U	40 U
2-Butanone (MEK)	4000.	1000	2500 U	2500 U	3.1 U	3.1 U	1000 U	1200 U	1200 U	1200 U	1000 U
2-Chloroethyl Vinyl Ether		89 U	500 U	500 U	0.89 U	0.89 U	200 U	250 U	250 U	250 U	200 U
2-Chlorotoluene	100.	51 U	100 U	100 U	0.51 U	0.51 U	40 U	50 U	50 U	50 U	40 U
2-Hexanone	40.	410 U	500 U	500 U	4.08 U	4.08 U	200 U	250 U	250 U	250 U	200 U
4-Chlorotoluene	24.	53 U	100 U	100 U	0.53 U	0.53 U	40 U	50 U	50 U	50 U	40 U
4-Methyl-2-pentanone		310 U	500 U	500 U	3.15 U	3.15 U	200 U	250 U	250 U	250 U	200 U
Acetone	6000.	390 U	2500 U	2500 U	3.9 U	3.9 U	1000 U	1200 U	1200 U	1200 U	1000 U
Acrolein	4.	2500 U	10000 U	10000 U	25 U	25 U	4000 U	5000 U	5000 U	5000 U	4000 U
Acrylonitrile		2500 U	10000 U	10000 U	25 U	25 U	4000 U	5000 U	5000 U	5000 U	4000 U
Benzene	1.	40 U	100 U	100 U	0.4 U	0.4 U	40 U	50 U	50 U	50 U	40 U
Bromobenzene		69 U	100 U	100 U	0.69 U	0.69 U	40 U	50 U	50 U	50 U	40 U
Bromochloromethane		75 U	100 U	100 U	0.75 U	0.75 U	40 U	50 U	50 U	50 U	40 U
Bromodichloromethane	0.6	91 U	100 U	100 U	0.91 U	0.91 U	40 U	50 U	50 U	50 U	40 U
Bromoform	4.	84 U	100 U	100 U	0.84 U	0.84 U	40 U	50 U	50 U	50 U	40 U
Bromomethane	10.	58 U	100 U	100 U	0.58 U	0.58 U	40 U	50 U	50 U	50 U	40 U
Carbon Disulfide	700.	100 U	100 U	100 U	1 U	1 U	40 U	50 U	50 U	50 U	40 U
Carbon Tetrachloride	0.3	62 U	100 U	100 U	0.62 U	0.62 U	40 U	50 U	50 U	50 U	40 U
Chlorobenzene	50.	54 U	100 U	100 U	0.54 U	0.54 U	40 U	50 U	50 U	50 U	40 U
Chloroethane	3000.	69 U	100 U	100 U	0.69 U	0.69 U	40 U	50 U	50 U	50 U	3 U
Chloroform	70.	67 U	100 U	100 U	0.67 U	0.67 U	40 U	50 U	50 U	50 U	40 U
Chloromethane	3.	86 U	100 U	100 U	0.86 U	0.86 U	40 U	50 U	50 U	50 U	40 U
cis-1,2-Dichloroethene	70.	50 U	100 U	100 U	0.5 U	0.5 U	40 U	50 U	50 U	50 U	40 U
cis-1,3-Dichloropropene	0.4	67 U	100 U	100 U	0.67 U	0.67 U	40 U	50 U	50 U	50 U	40 U
Dibromochloromethane	0.4	79 U	100 U	100 U	0.79 U	0.79 U	40 U	50 U	50 U	50 U	40 U
Dibromomethane	70.	50 U	100 U	100 U	0.5 U	0.5 U	40 U	50 U	50 U	50 U	40 U
Dichlorodifluoromethane	1000.	**320**	**230**	**2000**	0.81 U	0.81 U	**700**	**890**	**1200**	**570**	**640**
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	81 U	100 U	100 U	0.81 U	0.81 U	40 U	50 U	50 U	50 U	40 U
Hexachlorobutadiene	0.4	81 U	100 U	100 U	0.81 U	0.81 U	40 U	50 U	50 U	50 U	40 U
Iodomethane		100 U	100 U	100 U	1 U	1 U	40 U	50 U	50 U	50 U	40 U
Isopropylbenzene (Cumene)	70.	42 U	100 U	100 U	0.42 U	0.42 U	40 U	50 U	50 U	50 U	40 U
Methyl Tert-butyl Ether	20.	170 U	100 U	100 U	1.67 U	1.67 U	40 U	50 U	50 U	50 U	40 U
Methylene chloride	5.	970 U	500 U	500 U	9.7 U	9.7 U	200 U	250 U	250 U	250 U	200 U
Naphthalene	6.	170 U	100 U	100 U	1.67 U	1.67 U	40 U	50 U	50 U	50 U	40 U
N-Butylbenzene	70.	54 U	100 U	100 U	0.54 U	0.54 U	40 U	50 U	50 U	50 U	40 U
N-Propylbenzene	70.	44 U	100 U	100 U	0.44 U	0.44 U	40 U	50 U	50 U	50 U	40 U
p-Isopropyltoluene (4-Isopropylt	25.	55 U	100 U	100 U	0.55 U	0.55 U	40 U	50 U	50 U	50 U	40 U
Sec-butylbenzene	70.	47 U	100 U	100 U	0.47 U	0.47 U	40 U	50 U	50 U	50 U	40 U
Styrene	70.	69 U	100 U	100 U	0.69 U	0.69 U	40 U	50 U	50 U	50 U	40 U
Tert-butylbenzene	70.	46 U	100 U	100 U	0.46 U	0.46 U	40 U	50 U	50 U	50 U	40 U
Tetrachloroethene	0.7	51 U	100 U	100 U	0.51 U	0.51 U	40 U	50 U	50 U	50 U	40 U
Toluene	600.	95 U	100 U	100 U	0.95 U	0.95 U	40 U	50 U	50 U	50 U	40 U
trans-1,2-Dichloroethene	100.	33 U	100 U	100 U	0.33 U	0.33 U	40 U	50 U	50 U	50 U	40 U
trans-1,3-Dichloropropene	0.4	81 U	100 U	100 U	0.81 U	0.81 U	40 U	50 U	50 U	50 U	40 U
trans-1,4-dichloro-2-butene		100 U	500 U	500 U	1 U	1 U	200 U	250 U	250 U	250 U	200 U
Trichloroethene	3.	50 U	100 U	100 U	0.5 U	0.5 U	40 U	50 U	50 U	50 U	40 U
Trichlorofluoromethane	2000.	39 U	100 U	100 U	0.39 U	0.39 U	40 U	50 U	50 U	50 U	40 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	72 U	100 U	100 U	0.72 U	0.72 U	40 U	50 U	50 U	50 U	5 U
Xylene (total)	500.										
Xylene,o-		46 U	100 U	100 U	0.46 U	0.46 U	40 U	50 U	50 U	50 U	40 U
Xylenes,m+p-		83 U	200 U	200 U	0.83 U	0.83 U	80 U	100 U	100 U	100 U	80 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-11

Chemical Parameter	NC2L 1/1/10	W-MW-11-31 3/22/01	W-MW-11 5/24/01	W-MW-11 7/16/01	W-MW-11 9/20/01	W-MW-11 11/2/01	W-MW-11 12/13/01	W-MW-11 1/26/02	W-MW-11 5/21/02	W-MW-11 11/21/02	W-MW-11 5/21/03
1,1,1,2-Tetrachloroethane	1.	40 U	50 U	20 U							40 U
1,1,1-Trichloroethane	200.	3 U	50 U	20 U	1.7	5 U	1.2	1.4	1 U	5 U	3 U
1,1,2,2-Tetrachloroethane	0.2	40 U	50 U	20 U							40 U
1,1,2-Trichloroethane	0.6	40 U	50 U	20 U							40 U
1,1-Dichloroethane	6.	32 J	50 U	27	31.4	34.2	33.3	38	40	39	47
1,1-Dichloroethene	350.	210	150	150	169	194	185	206	212	190	180
1,1-Dichloropropene		40 U	50 U	20 U							40 U
1,2,3-Trichlorobenzene		40 U	50 U	20 U							40 U
1,2,3-Trichloropropane	0.005	40 U	50 U	20 U							40 U
1,2,4-Trichlorobenzene	70.	40 U	50 U	20 U							40 U
1,2,4-Trimethylbenzene	400.	40 U	50 U	20 U							40 U
1,2-Dibromo-3-chloropropane	0.04	200 U	250 U	100 U							200 U
1,2-Dibromoethane (Ethylene di	0.02	40 U	50 U	20 U							40 U
1,2-Dichlorobenzene	20.	40 U	50 U	20 U							40 U
1,2-Dichloroethane	0.4	40 U	50 U	20 U	1.1	5 U	1	1 U	1.2	5 U	40 U
1,2-Dichloropropane	0.6	40 U	50 U	20 U							40 U
1,3,5-Trimethylbenzene	400.	40 U	50 U	20 U							40 U
1,3-Dichlorobenzene	200.	40 U	50 U	20 U							40 U
1,3-Dichloropropane		40 U	50 U	20 U							40 U
1,4-Dichlorobenzene	6.	40 U	50 U	20 U							40 U
2,2-Dichloropropane		40 U	50 U	20 U							40 U
2-Butanone (MEK)	4000.	1000 U	1200 U	500 U							1000 U
2-Chloroethyl Vinyl Ether		200 U	250 U	100 U							200 U
2-Chlorotoluene	100.	40 U	50 U	20 U							40 U
2-Hexanone	40.	200 U	250 U	100 U							200 U
4-Chlorotoluene	24.	40 U	50 U	20 U							40 U
4-Methyl-2-pentanone		200 U	250 U	100 U							200 U
Acetone	6000.	1000 U	1200 U	500 U							1000 U
Acrolein	4.	4000 U	5000 U	2000 U							4000 U
Acrylonitrile		4000 U	5000 U	2000 U							4000 U
Benzene	1.	40 U	50 U	20 U							40 U
Bromobenzene		40 U	50 U	20 U							40 U
Bromochloromethane		40 U	50 U	20 U							40 U
Bromodichloromethane	0.6	40 U	50 U	20 U							40 U
Bromoform	4.	40 U	50 U	20 U							40 U
Bromomethane	10.	40 U	50 U	20 U							40 U
Carbon Disulfide	700.	40 U	50 U	20 U							40 U
Carbon Tetrachloride	0.3	40 U	50 U	20 U							40 U
Chlorobenzene	50.	40 U	50 U	20 U							40 U
Chloroethane	3000.	3 U	50 U	20 U			1 U		1 U	10 U	3 U
Chloroform	70.	40 U	50 U	20 U							40 U
Chloromethane	3.	40 U	50 U	20 U							40 U
cis-1,2-Dichloroethene	70.	40 U	50 U	20 U	2.6	5 U	2.5	3.2	3.3	4	40 U
cis-1,3-Dichloropropene	0.4	40 U	50 U	20 U							40 U
Dibromochloromethane	0.4	40 U	50 U	20 U							40 U
Dibromomethane	70.	40 U	50 U	20 U							40 U
Dichlorodifluoromethane	1000.	680	780	480	621	828	569	1 U	1 U	5 U	690
Diisopropyl ether (DIPE) (Isopro	70.		50 U	20 U							
Ethylbenzene	600.	40 U	50 U	20 U							40 U
Hexachlorobutadiene	0.4	40 U	50 U	20 U							40 U
Iodomethane		40 U	50 U	20 U							40 U
Isopropylbenzene (Cumene)	70.	40 U	50 U	20 U							40 U
Methyl Tert-butyl Ether	20.	40 U	50 U	20 U							40 U
Methylene chloride	5.	200 U	250 U	100 U							200 U
Naphthalene	6.	40 U	50 U	20 U							40 U
N-Butylbenzene	70.	40 U	50 U	20 U							40 U
N-Propylbenzene	70.	40 U	50 U	20 U							40 U
p-Isopropyltoluene (4-Isopropylt	25.	40 U	50 U	20 U							40 U
Sec-butylbenzene	70.	40 U	50 U	20 U							40 U
Styrene	70.	40 U	50 U	20 U							40 U
Tert-butylbenzene	70.	40 U	50 U	20 U							40 U
Tetrachloroethene	0.7	40 U	50 U	20 U	3.8	8.6	3.6	3.2	3.9	5	40 U
Toluene	600.	40 U	50 U	20 U							40 U
trans-1,2-Dichloroethene	100.	40 U	50 U	20 U	1 U	5 U	1 U	1 U	1 U	5 U	40 U
trans-1,3-Dichloropropene	0.4	40 U	50 U	20 U							40 U
trans-1,4-dichloro-2-butene		200 U	250 U	100 U							200 U
Trichloroethene	3.	40 U	50 U	20 U	5.8	5.2	5.1	6.1	6.5	7	40 U
Trichlorofluoromethane	2000.	40 U	50 U	20 U							40 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	5 U	50 U	20 U	3.2	5 U	3.8	2.7	4.3	7	5 U
Xylene (total)	500.										
Xylene,o-		40 U	50 U	20 U							40 U
Xylenes,m+p-		80 U	100 U	40 U							80 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-11

Chemical Parameter	NC2L 1/1/10	W-MW-11 11/12/03	W-MW-11 5/13/04	W-MW-11 11/17/04	W-MW-11 5/18/05	W-MW-11 11/14/05	W-MW-11 5/16/06	W-MW-11 11/14/2006	W-MW-11 5/21/07	W-MW-11 11/5/07	W-MW-11 5/14/08
1,1,1,2-Tetrachloroethane	1.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	3 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	21	<40	14.5	14.7	15.9	19.1	14.6	17.4	20.6	22.8
1,1-Dichloroethene	350.	90	68.8	63.8	53.3	65.2	65.4	69	51.5	65.2	76.5
1,1-Dichloropropene		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	200 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	1000 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	200 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	200 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	200 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U
Acetone	6000.	25 U	1000 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromobenzene		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromochloromethane		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromoform	4.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromomethane	10.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	3 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Chloroform	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Chloromethane	3.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	2	40 U	1.6	1.44	1.61	1.85	10 U	1.55	1.85	2.22
cis-1,3-Dichloropropene	0.4	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	480	551	652	344	400	269	347	150	263	164
Diisopropyl ether (DIPE) (Isopro	70.	1 U		1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	40 U	1 U	1 U	1 U	1 U	50 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Iodomethane		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	200 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U
Naphthalene	6.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	40 U	1 U	1 U	1 U	1 U	50 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1	1 U
Styrene	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Tetrachloroethene	0.7	2	40 U	1.13	1.45	1.85	1.45	10 U	1.23	1.59	1.83
Toluene	600.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	200 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U
Trichloroethene	3.	3	40 U	2.09	1.99	2.13	2.31	10 U	1.77	2.13	2.6
Trichlorofluoromethane	2000.	1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	2	16 U	2.29	2.47	3.66	3.69	10 U	3.22	5.71	8.1
Xylene (total)	500.										
Xylene,o-		1 U	40 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	80 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-11

Chemical Parameter	NC2L 1/1/10	W-MW-11 11/4/08	W-MW-11 5/19/09	W-MW-11 11/3/09	W-MW-11 5/3/10	W-MW-11 11/1/10	W-MW-11 5/13/11	W-MW-11 11/1/11	W-MW-11 5/10/12	W-MW-11 11/6/12	W-MW-11 5/14/13
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	**0.65 J**	1 U	1 U	5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,1-Dichloroethane	6.	**22.2**	**19.7**	**23.4**	**17.9**	**18**	**20**	**17**	**23**	**19**	**20**
1,1-Dichloroethene	350.	**67.6**	**52.6**	**46.3**	**51**	**58**	**68**	**54**	**59**	**60**	**66**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	**0.64 J**	1 U	5 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
cis-1,2-Dichloroethene	70.	**2.01**	**1.87**	**1.75**	**1.5**	**1.6**	**1.5**	**1.1**	5 U	**1.2**	**1.3**
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Dichlorodifluoromethane	1000.	**138**	**96.3**	**177**	**101**	**140**	**170**	**130**	**150**	**140**	**120**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U					
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	**0.42 J**	1 U	1 U	5 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Tetrachloroethene	0.7	**1.59**	**1.77**	**1.34**	**1.02**	**1.6**	**1.8**	**1.5**	5 U	**1.7**	**1.2**
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U					
Trichloroethene	3.	**2.21**	**2.07**	**2.1**	**1.7**	**1.9**	**1.8**	**1.6**	5 U	**1.8**	**1.8**
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	**9.05**	**8.29**	**10.5**	**8.36**	**9.7**	**8.1**	**5.0**	**9.4**	**11.0**	**14.0**
Xylene (total)	500.								15 U	3 U	3 U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-11

Chemical Parameter	NC2L 1/1/10	W-MW-11 11/4/13	W-MW-11 5/5/14		W-MW-11 11/4/14	W-MW-11 5/4/15		W-MW-11 11/4/15		W-MW-11 5/3/16	
1,1,1,2-Tetrachloroethane	1.	1 U	1 U		1 U	1 U		1 U		1 U	
1,1,1-Trichloroethane	200.	1 U	1 U		1 U	1 U		1 U		1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U		1 U	1 U		1 U		1 U	
1,1,2-Trichloroethane	0.6	1 U	1 U		1 U	1 U		1 U		1 U	
1,1-Dichloroethane	6.	**16**	**15**		**21**	**14**		**13**		**12**	
1,1-Dichloroethene	350.	**47**	**39**		**57**	**35**		**35**		**28**	
1,1-Dichloropropene		1 U	1 U		1 U	1 U		1 U		1 U	
1,2,3-Trichlorobenzene		1 U	1 U		1 U	1 U		1 U		1 U	
1,2,3-Trichloropropane	0.005	1 U	1 U		1 U	1 U		1 U		1 U	
1,2,4-Trichlorobenzene	70.	1 U	1 U		1 U	1 U		1 U		1 U	
1,2,4-Trimethylbenzene	400.	1 U	1 U		1 U	1 U		1 U		1 U	
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U		5 U	5 U		5 U		5 U	
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U		1 U	1 U		1 U		1 U	
1,2-Dichlorobenzene	20.	1 U	1 U		1 U	1 U		1 U		1 U	
1,2-Dichloroethane	0.4	1 U	1 U		1 U	1 U		1 U		1 U	
1,2-Dichloropropane	0.6	1 U	1 U		1 U	1 U		1 U		1 U	
1,3,5-Trimethylbenzene	400.	1 U	1 U		1 U	1 U		1 U		1 U	
1,3-Dichlorobenzene	200.	1 U	1 U		1 U	1 U		1 U		1 U	
1,3-Dichloropropane		1 U	1 U		1 U	1 U		1 U		1 U	
1,4-Dichlorobenzene	6.	1 U	1 U		1 U	1 U		1 U		1 U	
2,2-Dichloropropane		1 U	1 U		1 U	1 U		1 U		1 U	
2-Butanone (MEK)	4000.	25 U	25 U		25 U	25 U		25 U		25 U	
2-Chloroethyl Vinyl Ether		5 U	5 U		5 U	5 U		5 U		5 U	
2-Chlorotoluene	100.	1 U	1 U		1 U	1 U		1 U		1 U	
2-Hexanone	40.	5 U	5 U		5 U	5 U		5 U		5 U	
4-Chlorotoluene	24.	1 U	1 U		1 U	1 U		1 U		1 U	
4-Methyl-2-pentanone		5 U	5 U		5 U	5 U		5 U		5 U	
Acetone	6000.	25 U	25 U		25 U	25 U		25 U		25 U	
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U		1 U	1 U		1 U		1 U	
Bromobenzene		1 U	1 U		1 U	1 U		1 U		1 U	
Bromochloromethane		1 U	1 U		1 U	1 U		1 U		1 U	
Bromodichloromethane	0.6	1 U	1 U		1 U	1 U		1 U		1 U	
Bromoform	4.	1 U	1 U		1 U	1 U		1 U		1 U	
Bromomethane	10.	1 U	1 U		1 U	1 U		1 U		1 U	
Carbon Disulfide	700.	1 U	1 U		1 U	1 U		1 U		1 U	
Carbon Tetrachloride	0.3	1 U	1 U		1 U	1 U		1 U		1 U	
Chlorobenzene	50.	1 U	1 U		1 U	1 U		1 U		1 U	
Chloroethane	3000.	1 U	1 U		1 U	1 U		1 U		1 U	
Chloroform	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Chloromethane	3.	1 U	1 U		1 U	1 U		1 U		1 U	
cis-1,2-Dichloroethene	70.	**1.2**	**0.92**	J	**1.1**	**0.72**	J	**0.59**	J	**0.73**	J
cis-1,3-Dichloropropene	0.4	1 U	1 U		1 U	1 U		1 U		1 U	
Dibromochloromethane	0.4	1 U	1 U		1 U	1 U		1 U		1 U	
Dibromomethane	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Dichlorodifluoromethane	1000.	**120**	**140**		**180**	**130**		**93**		**110**	
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Ethylbenzene	600.	1 U	1 U		1 U	1 U		1 U		1 U	
Hexachlorobutadiene	0.4	1 U	1 U		1 U	1 U		1 U		1 U	
Iodomethane											
Isopropylbenzene (Cumene)	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Methyl Tert-butyl Ether	20.	1 U	1 U		1 U	1 U		1 U		1 U	
Methylene chloride	5.	5 U	5 U		5 U	5 U		5 U		5 U	
Naphthalene	6.	1 U	1 U		1 U	1 U		1 U		1 U	
N-Butylbenzene	70.	1 U	1 U		1 U	1 U		1 U		1 U	
N-Propylbenzene	70.	1 U	1 U		1 U	1 U		1 U		1 U	
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U		1 U	1 U		1 U		1 U	
Sec-butylbenzene	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Styrene	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Tert-butylbenzene	70.	1 U	1 U		1 U	1 U		1 U		1 U	
Tetrachloroethene	0.7	**1.4**	**1.0**		**1.1**	**0.62**	J	**0.87**	J	**0.69**	J
Toluene	600.	1 U	1 U		1 U	1 U		1 U		1 U	
trans-1,2-Dichloroethene	100.	1 U	1 U		1 U	1 U		1 U		1 U	
trans-1,3-Dichloropropene	0.4	1 U	1 U		1 U	1 U		1 U		1 U	
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	**1.4**	**1.3**		**1.4**	**0.75**	J	**1.2**	J	**0.74**	J
Trichlorofluoromethane	2000.	1 U	1 U		1 U	1 U		1 U		1 U	
Vinyl Acetate	88.										
Vinyl Chloride	0.03	**7.9**	**6.4**		**14.0**	**8.1**		**7.7**		**7.0**	
Xylene (total)	500.	3 U	3 U		3 U	3 U		3 U		3 U	
Xylene,o-		1 U	1 U		1 U	1 U		1 U		1 U	
Xylenes,m+p-		2 U	2 U		2 U	2 U		2 U		2 U	
1,4-Dioxane (p-dioxane)	3.		**12.6**		**13.7**	**10.7**		**13.6**		**12**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-12

Chemical Parameter	NC2L 1/1/10	W-MW-12 10/15/1993	W-MW-12 8/4/1994	W-MW-12 11/15/1994	W-MW-12 7/31/1995	W-MW-12 10/17/1996	W-MW-12-IEA8260 12/27/1996	W-MW-12-IEA8260-Dup 12/27/1996	W-MW-12-PAL6210 12/27/1996
1,1,1,2-Tetrachloroethane	1.								
1,1,1-Trichloroethane	200.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2								
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,1-Dichloroethane	6.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,1-Dichloroethene	350.	1 U	0.5 U	0.5 U	0.5 U	**2** J	**3.9**	**2.7**	**4**
1,1-Dichloropropene									
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04								
1,2-Dibromoethane (Ethylene di	0.02								
1,2-Dichlorobenzene	20.								
1,2-Dichloroethane	0.4	1 U	0.38 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,2-Dichloropropane	0.6								
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
1,3-Dichlorobenzene	200.								
1,3-Dichloropropane									
1,4-Dichlorobenzene	6.								
2,2-Dichloropropane									
2-Butanone (MEK)	4000.								
2-Chloroethyl Vinyl Ether									
2-Chlorotoluene	100.								
2-Hexanone	40.								
4-Chlorotoluene	24.								
4-Methyl-2-pentanone									
Acetone	6000.					50 U	5 U	5 U	
Acrolein	4.								
Acrylonitrile									
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	0.6								
Bromoform	4.								
Bromomethane	10.								
Carbon Disulfide	700.					5 U	1 U	1 U	
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Chlorobenzene	50.								
Chloroethane	3000.								
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	10 U	1 U	1 U	0.5 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
cis-1,3-Dichloropropene	0.4								
Dibromochloromethane	0.4								
Dibromomethane	70.								
Dichlorodifluoromethane	1000.		0.5 U	0.5 U	0.5 U	10 U	1 U	1 U	0.5 U
Diisopropyl ether (DIPE) (Isopro	70.								
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Hexachlorobutadiene	0.4								
Iodomethane									
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Methyl Tert-butyl Ether	20.					5 U	1 U	1 U	0.5 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	10 U	1 U	1 U	0.5 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Styrene	70.								
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
trans-1,3-Dichloropropene	0.4								
trans-1,4-dichloro-2-butene									
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U	1 U	0.5 U
Trichlorofluoromethane	2000.								
Vinyl Acetate	88.					10 U	1 U	1 U	
Vinyl Chloride	0.03	1 U	0.015 U	0.5 U	0.5 U	10 U	1 U	1 U	0.5 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	3 U	3 U	0.5 U
Xylene,o-									
Xylenes,m+p-									

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-12

Chemical Parameter	NC2L 1/1/10	W-MW-12-PAL8260 12/27/1996	W-MW-12-PAL8260-Duplicate 12/27/1996	W-MW-12 3/20/1997	W-MW-12 3/31/1997	W-MW-12 11/22/1997	W-MW-12 2/24/1998	W-MW-12 5/27/1998	M-MW-12 8/24/98
1,1,1,2-Tetrachloroethane	1.					1 U	0.66 U	1 U	0.66 U
1,1,1-Trichloroethane	200.	1 U	1 U	**2**	**3**	1 U	0.54 U	1 U	0.54 U
1,1,2,2-Tetrachloroethane	0.2					1 U	0.8 U	1 U	0.8 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	0.89 U	1 U	0.89 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	**0.4 J**	1 U	0.45 U	1 U	0.45 U
1,1-Dichloroethene	350.	**4**	**6**	**24**	**31**	1 U	**1**	**5**	**1**
1,1-Dichloropropene						1 U	0.74 U	1 U	0.74 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	0.87 U	1 U	0.87 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04					5 U	1.2 U	5 U	1.2 U
1,2-Dibromoethane (Ethylene di	0.02					1 U	0.48 U	1 U	0.48 U
1,2-Dichlorobenzene	20.					1 U	0.78 U	1 U	0.78 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	0.55 U	1 U	0.64 U
1,2-Dichloropropane	0.6					1 U	0.48 U	1 U	0.48 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U
1,3-Dichlorobenzene	200.					1 U	0.67 U	1 U	0.67 U
1,3-Dichloropropane						1 U	0.73 U	1 U	0.73 U
1,4-Dichlorobenzene	6.					1 U	0.75 U	1 U	0.75 U
2,2-Dichloropropane						1 U	0.56 U	1 U	0.56 U
2-Butanone (MEK)	4000.					25 U	3.1 U	25 U	3.1 U
2-Chloroethyl Vinyl Ether						5 U	0.89 U	5 U	0.89 U
2-Chlorotoluene	100.					1 U	0.51 U	1 U	0.51 U
2-Hexanone	40.					5 U	4.1 U	5 U	4.1 U
4-Chlorotoluene	24.					1 U	0.53 U	1 U	0.53 U
4-Methyl-2-pentanone						5 U	3.1 U	5 U	3.1 U
Acetone	6000.	25 U	25 U	20 U	50 U	25 U	3.9 U	25 U	3.9 U
Acrolein	4.					50 U	25 U	50 U	25 U
Acrylonitrile						50 U	25 U	50 U	25 U
Benzene	1.	1 U	1 U	1 U	**2**	1 U	0.4 U	1 U	0.4 U
Bromobenzene						1 U	0.69 U	1 U	0.69 U
Bromochloromethane						1 U	0.75 U	1 U	0.75 U
Bromodichloromethane	0.6					1 U	0.91 U	1 U	0.91 U
Bromoform	4.					1 U	0.84 U	1 U	0.84 U
Bromomethane	10.					1 U	0.58 U	1 U	0.58 U
Carbon Disulfide	700.	1 U	18	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	0.62 U	1 U	0.62 U
Chlorobenzene	50.					1 U	0.54 U	1 U	0.54 U
Chloroethane	3000.					1 U	0.69 U	1 U	0.69 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	0.67 U	1 U	0.67 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	0.86 U	1 U	0.86 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U
cis-1,3-Dichloropropene	0.4					1 U	0.67 U	1 U	0.67 U
Dibromochloromethane	0.4					1 U	0.79 U	1 U	0.79 U
Dibromomethane	70.					1 U	0.5 U	1 U	0.5 U
Dichlorodifluoromethane	1000.	5 U	5 U	1 U	5 U	5 U	0.81 U	5 U	0.81 U
Diisopropyl ether (DIPE) (Isopro	70.								
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	0.81 U	1 U	0.81 U
Hexachlorobutadiene	0.4					1 U	0.81 U	1 U	0.81 U
Iodomethane						1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	0.42 U	1 U	0.42 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7 U
Methylene chloride	5.	5 U	5 U	4 U	5 U	5 U	5 U	5 U	9.7 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	0.54 U	1 U	0.54 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	0.44 U	1 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	0.55 U	1 U	0.55 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	0.47 U	1 U	0.47 U
Styrene	70.					1 U	0.69 U	1 U	0.69 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	0.46 U	1 U	0.46 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U	0.51 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	0.95 U	1 U	0.95 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	0.33 U	1 U	0.33 U
trans-1,3-Dichloropropene	0.4					1 U	0.81 U	1 U	0.81 U
trans-1,4-dichloro-2-butene						5 U	1 U	5 U	1 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Trichlorofluoromethane	2000.					1 U	0.39 U	1 U	0.39 U
Vinyl Acetate	88.	1 U	1 U	1 U	1 U				
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	0.72 U	1 U	0.72 U
Xylene (total)	500.	1 U	1 U	2 U	3 U				
Xylene,o-						1 U	0.46 U	1 U	0.46 U
Xylenes,m+p-						2 U	0.83 U	2 U	0.83 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-12

Chemical Parameter	NC2L 1/1/10	W-MW-12 11/18/98	W-MW-12 2/22/99	W-MW-12 8/24/99	W-MW-12 2/20/00	W-MW-12 8/18/00	W-MW-12 11/8/00	W-MW-12 5/21/01	W-MW-12 11/6/01
1,1,1,2-Tetrachloroethane	1.	1 U	0.66 U	0.66 U	1 U	2 U	2 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.54 U	0.54 U	1 U	2 U	2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	0.8 U	0.8 U	1 U	2 U	2 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.89 U	0.89 U	1 U	2 U	2 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.45 U	0.45 U	1 U	2 U	2 U	**1**	1 U
1,1-Dichloroethene	350.	**4**	**4**	**3**	**6**	**26**	**16**	**44**	**20**
1,1-Dichloropropene		1 U	0.74 U	0.74 U	1 U	2 U	2 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1.18 U	1.18 U	1 U	2 U	2 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	0.87 U	0.87 U	1 U	2 U	2 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1.02 U	1.02 U	1 U	2 U	2 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	0.51 U	0.51 U	1 U	2 U	2 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	1.24 U	1.24 U	5 U	10 U	10 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	0.48 U	0.48 U	1 U	2 U	2 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	0.78 U	0.78 U	1 U	2 U	2 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.64 U	0.64 U	1 U	2 U	2 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.48 U	0.48 U	1 U	2 U	2 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	0.5 U	0.5 U	1 U	2 U	2 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	0.67 U	0.67 U	1 U	2 U	2 U	1 U	1 U
1,3-Dichloropropane		1 U	0.73 U	0.73 U	1 U	2 U	2 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	0.75 U	0.75 U	1 U	2 U	2 U	1 U	1 U
2,2-Dichloropropane		1 U	0.56 U	0.56 U	1 U	2 U	2 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	3.1 U	3.1 U	25 U	50 U	50 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	0.89 U	0.89 U	5 U	10 U	10 U	5 U	5 U
2-Chlorotoluene	100.	1 U	0.51 U	0.51 U	1 U	2 U	2 U	1 U	1 U
2-Hexanone	40.	5 U	4.08 U	4.08 U	5 U	10 U	10 U	5 U	5 U
4-Chlorotoluene	24.	1 U	0.53 U	0.53 U	1 U	2 U	2 U	1 U	1 U
4-Methyl-2-pentanone		5 U	3.15 U	3.15 U	5 U	10 U	10 U	5 U	5 U
Acetone	6000.	25 U	3.9 U	3.9 U	25 U	50 U	50 U	25 U	25 U
Acrolein	4.	100 U	25 U	25 U	100 U	200 U	200 U	100 U	100 U
Acrylonitrile		100 U	25 U	25 U	100 U	200 U	200 U	100 U	100 U
Benzene	1.	1 U	**2**	**2**	**3**	**4**	**4**	**7**	**5**
Bromobenzene		1 U	0.69 U	0.69 U	1 U	2 U	2 U	1 U	1 U
Bromochloromethane		1 U	0.75 U	0.75 U	1 U	2 U	2 U	1 U	1 U
Bromodichloromethane	0.6	1 U	0.91 U	0.91 U	1 U	2 U	2 U	1 U	1 U
Bromoform	4.	1 U	0.84 U	0.84 U	1 U	2 U	2 U	1 U	1 U
Bromomethane	10.	1 U	0.58 U	0.58 U	1 U	2 U	2 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.62 U	0.62 U	1 U	2 U	2 U	1 U	1 U
Chlorobenzene	50.	1 U	0.54 U	0.54 U	1 U	2 U	2 U	1 U	1 U
Chloroethane	3000.	1 U	0.69 U	0.69 U	1 U	2 U	2 U	1 U	1 U
Chloroform	70.	1 U	0.67 U	0.67 U	1 U	2 U	2 U	1 U	1 U
Chloromethane	3.	1 U	0.86 U	0.86 U	1 U	2 U	2 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	0.5 U	1 U	2 U	2 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	0.67 U	0.67 U	1 U	2 U	2 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.79 U	0.79 U	1 U	2 U	2 U	1 U	1 U
Dibromomethane	70.	1 U	0.5 U	0.5 U	1 U	2 U	2 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	0.81 U	0.81 U	5 U	10 U	10 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.							1 U	1 U
Ethylbenzene	600.	1 U	0.81 U	0.81 U	1 U	2 U	2 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	0.81 U	0.81 U	1 U	2 U	2 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	0.42 U	0.42 U	1 U	2 U	2 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1.67 U	1.67 U	1 U	2 U	2 U	1 U	1 U
Methylene chloride	5.	5 U	9.7 U	9.7 U	5 U	10 U	10 U	5 U	5 U
Naphthalene	6.	1 U	1.67 U	1.67 U	1 U	2 U	2 U	1 U	1 U
N-Butylbenzene	70.	1 U	0.54 U	0.54 U	1 U	2 U	2 U	1 U	1 U
N-Propylbenzene	70.	1 U	0.44 U	0.44 U	1 U	2 U	2 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	0.55 U	0.55 U	1 U	2 U	2 U	1 U	1 U
Sec-butylbenzene	70.	1 U	0.47 U	0.47 U	1 U	2 U	2 U	1 U	1 U
Styrene	70.	1 U	0.69 U	0.69 U	1 U	2 U	2 U	1 U	1 U
Tert-butylbenzene	70.	1 U	0.46 U	0.46 U	1 U	2 U	2 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.51 U	0.51 U	1 U	2 U	2 U	1 U	1 U
Toluene	600.	1 U	0.95 U	0.95 U	1 U	2 U	2 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.33 U	0.33 U	1 U	2 U	2 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.81 U	0.81 U	1 U	2 U	2 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	1 U	1 U	5 U	10 U	10 U	5 U	5 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	1 U	2 U	2 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.39 U	0.39 U	1 U	2 U	2 U	1 U	1 U
Vinyl Acetate	88.								
Vinyl Chloride	0.03	1 U	0.72 U	0.72 U	1 U	2 U	2 U	1 U	1 U
Xylene (total)	500.								
Xylene,o-		1 U	0.46 U	0.46 U	1 U	2 U	2 U	1 U	1 U
Xylenes,m+p-		2 U	0.83 U	0.83 U	2 U	4 U	4 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-13

Chemical Parameter	NC2L 1/1/10	W-MW-13 10/15/93	W-MW-13 8/4/94
1,1,1,2-Tetrachloroethane	1.		
1,1,1-Trichloroethane	200.	1 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2		
1,1,2-Trichloroethane	0.6	1 U	**0.6**
1,1-Dichloroethane	6.	**10**	**6.7**
1,1-Dichloroethene	350.	**32**	**20**
1,1-Dichloropropene			
1,2,3-Trichlorobenzene			0.5 U
1,2,3-Trichloropropane	0.005		0.5 U
1,2,4-Trichlorobenzene	70.		0.5 U
1,2,4-Trimethylbenzene	400.		8.3
1,2-Dibromo-3-chloropropa	0.04		
1,2-Dibromoethane (Ethyle	0.02		
1,2-Dichlorobenzene	20.		
1,2-Dichloroethane	0.4	1 U	0.38 U
1,2-Dichloropropane	0.6		
1,3,5-Trimethylbenzene	400.		2.3
1,3-Dichlorobenzene	200.		
1,3-Dichloropropane			
1,4-Dichlorobenzene	6.		
2,2-Dichloropropane			
2-Butanone (MEK)	4000.		
2-Chloroethyl Vinyl Ether			
2-Chlorotoluene	100.		
2-Hexanone	40.		
4-Chlorotoluene	24.		
4-Methyl-2-pentanone			
Acetone	6000.		
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	0.5 U
Bromobenzene			
Bromochloromethane			
Bromodichloromethane	0.6		
Bromoform	4.		
Bromomethane	10.		
Carbon Disulfide	700.		
Carbon Tetrachloride	0.3		
Chlorobenzene	50.		
Chloroethane	3000.		
Chloroform	70.	1 U	0.19 U
Chloromethane	3.		
cis-1,2-Dichloroethene	70.		1.3
cis-1,3-Dichloropropene	0.4		
Dibromochloromethane	0.4		
Dibromomethane	70.		
Dichlorodifluoromethane	1000.		0.5 U
Diisopropyl ether (DIPE) (Is	70.		
Ethylbenzene	600.	**10**	0.5 U
Hexachlorobutadiene	0.4		
Iodomethane			
Isopropylbenzene (Cumene	70.		1.7
Methyl Tert-butyl Ether	20.		
Methylene chloride	5.	1 U	0.5 U
Naphthalene	6.		7.6
N-Butylbenzene	70.		2.1
N-Propylbenzene	70.		1.9
p-Isopropyltoluene (4-Isopr	25.		1.1
Sec-butylbenzene	70.		2.3
Styrene	70.		
Tert-butylbenzene	70.		0.5 U
Tetrachloroethene	0.7	**1**	**1.9**
Toluene	600.	1 U	0.5 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U
trans-1,3-Dichloropropene	0.4		
trans-1,4-dichloro-2-butene			
Trichloroethene	3.	1 U	**0.58**
Trichlorofluoromethane	2000.		
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	0.015 U
Xylene (total)	500.	**14**	0.5 U
Xylene,o-			
Xylenes,m+p-			
SVOCs			
Fluorene		12	
Phenanthrene		21	
SVOC TICs			
Substituted benzene		26	
Tetrahydronaphthalene isomer		27	
Unknown		29	
Tetrahydronaphthalene isomer		36	
Dihydrodimethylindene		25	
Unknown hydrocarbon		25	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-13

Chemical Parameter	NC2L 1/1/10	W-MW-13 10/15/93	W-MW-13 8/4/94
Tetrahydronaphthalene isomer		26	
Unknown hydrocarbon		20	
Unknown hydrocarbon		22	
Unknown hydrocarbon		21	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-14

Chemical Parameter	NC2L 1/1/10	W-MW-14 10/15/93	W-MW-14 8/4/94	W-MW-14 11/15/94	W-MW-14 8/1/95	W-MW-19 8/1/95	W-MW-14 10/17/96	MW-14-IEA8 12/27/96	MW-14-PAL6 12/27/96	MW-14-PAL8 12/27/96	W-MW-14 3/20/97
1,1,1,2-Tetrachloroethane	1.										
1,1,1-Trichloroethane	200.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2										
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
1,1-Dichloroethane	6.	**2**	**2.6**	**5.8**	**2.3**	**2.3**	**4 J**	**6.2**	**6**	**6**	**3**
1,1-Dichloroethene	350.	**4**	**7.6**	**18**	**5.7**	**5.9**	**12**	**16**	**22**	**22**	**10**
1,1-Dichloropropene											
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
1,2,3-Trichloropropane	0.005							1 U	0.5 U	1 U	
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04										
1,2-Dibromoethane (Ethylene di	0.02										
1,2-Dichlorobenzene	20.										
1,2-Dichloroethane	0.4	1 U	0.38 U	0.5 U	**0.82 B**	**1 B**	5 U	1 U	0.5 U	1 U	0.5 U
1,2-Dichloropropane	0.6										
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
1,3-Dichlorobenzene	200.										
1,3-Dichloropropane											
1,4-Dichlorobenzene	6.										
2,2-Dichloropropane											
2-Butanone (MEK)	4000.										
2-Chloroethyl Vinyl Ether											
2-Chlorotoluene	100.										
2-Hexanone	40.										
4-Chlorotoluene	24.										
4-Methyl-2-pentanone											
Acetone	6000.						50 U	5 U		25 U	10 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Bromobenzene											
Bromochloromethane											
Bromodichloromethane	0.6										
Bromoform	4.										
Bromomethane	10.										
Carbon Disulfide	700.						5 U				0.5 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Chlorobenzene	50.										
Chloroethane	3000.										
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	**0.6**
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	1 U	0.5 U	1 U	0.5 U
cis-1,2-Dichloroethene	70.		0.52	0.85	0.5 U	0.5 U	5 U	1 U	1	1 U	0.5 U
cis-1,3-Dichloropropene	0.4										
Dibromochloromethane	0.4										
Dibromomethane	70.										
Dichlorodifluoromethane	1000.		0.5 U	0.5 U	0.5 U	0.5 U	10 U	1 U	0.5 U	5 U	0.5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Hexachlorobutadiene	0.4										
Iodomethane											
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Methyl Tert-butyl Ether	20.						5 U	1 U	0.5 U	1 U	0.5 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	1 U	0.5 U	5 U	2 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Styrene	70.										
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
Tetrachloroethene	0.7	1 U	**1**	**1.6**	**0.57**	**0.56**	5 U	**1.6**	**1**	**1**	**0.9**
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	1 U	0.5 U
trans-1,3-Dichloropropene	0.4										
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	1 U	0.5 U	**0.57**	0.5 U	0.5 U	5 U	1 U	**0.5**	1 U	0.5 U
Trichlorofluoromethane	2000.										
Vinyl Acetate	88.						10 U	1 U		1 U	0.5 U
Vinyl Chloride	0.03	1 U	**0.11**	0.5 U	0.5 U	0.5 U	10 U	1 U	0.5 U	1 U	0.5 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	3 U	0.5 U	1 U	1 U
Xylene,o-											
Xylenes,m+p-											
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-14

Chemical Parameter	NC2L 1/1/10	W-MW-14 11/26/97	W-MW-14 2/24/98	W-MW-14 5/27/98	M-MW-14 8/25/98	W-MW-14 11/18/98	W-MW-14 2/22/99	W-MW-14 8/24/99	W-MW-14 2/19/00	W-MW-14 8/17/00	W-MW-14 11/5/00
1,1,1,2-Tetrachloroethane	1.		0.66 U	1 U	0.66 U	2 U	0.66 U	0.66 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.54 U	1 U	0.54 U	2 U	0.54 U	0.54 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		0.8 U	1 U	0.8 U	2 U	0.8 U	0.8 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.89 U	1 U	0.89 U	2 U	0.89 U	0.89 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	**4**	**5**	**4**	**10**	**8**	**10**	**4**	**8**	**8**
1,1-Dichloroethene	350.	**2**	**10**	**13**	**10**	**26**	**23**	**20**	**8**	**15**	**15**
1,1-Dichloropropene		1 U	0.74 U	1 U	0.74 U	2 U	0.74 U	0.74 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1.2 U	2 U	1.18 U	1.18 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	0.87 U	1 U	0.87 U	2 U	0.87 U	0.87 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	2 U	1.02 U	1.02 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	0.51 U	1 U	0.51 U	2 U	0.51 U	0.51 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	1.2 U	5 U	1.2 U	10 U	1.24 U	1.24 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	0.48 U	1 U	0.48 U	2 U	0.48 U	0.48 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	0.78 U	1 U	0.78 U	2 U	0.78 U	0.78 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.55 U	1 U	0.64 U	2 U	0.64 U	0.64 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.48 U	1 U	0.48 U	2 U	0.48 U	0.48 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	0.5 U	1 U	0.5 U	2 U	0.5 U	0.5 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	0.67 U	1 U	0.67 U	2 U	0.67 U	0.67 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	0.73 U	1 U	0.73 U	2 U	0.73 U	0.73 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	0.75 U	1 U	0.75 U	2 U	0.75 U	0.75 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	0.56 U	1 U	0.56 U	2 U	0.56 U	0.56 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	3.1 U	25 U	3.1 U	50 U	3.1 U	3.1 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	0.89 U	5 U	0.89 U	10 U	0.89 U	0.89 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	0.51 U	1 U	0.51 U	2 U	0.51 U	0.51 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	4.1 U	5 U	4.1 U	10 U	4.08 U	4.08 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	0.53 U	1 U	0.53 U	2 U	0.53 U	0.53 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	3.1 U	5 U	3.1 U	10 U	3.15 U	3.15 U	5 U	5 U	5 U
Acetone	6000.	25 U	3.9 U	25 U	3.9 U	50 U	3.9 U	3.9 U	25 U	25 U	25 U
Acrolein	4.	50 U	25 U	50 U	25 U	200 U	25 U	25 U	100 U	100 U	100 U
Acrylonitrile		50 U	25 U	50 U	25 U	200 U	25 U	25 U	100 U	100 U	100 U
Benzene	1.	1 U	0.4 U	1 U	0.4 U	2 U	0.4 U	0.4 U	1 U	1 U	1 U
Bromobenzene		1 U	0.69 U	1 U	0.69 U	2 U	0.69 U	0.69 U	1 U	1 U	1 U
Bromochloromethane		1 U	0.75 U	1 U	0.75 U	2 U	0.75 U	0.75 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	0.91 U	1 U	0.91 U	2 U	0.91 U	0.91 U	1 U	1 U	1 U
Bromoform	4.	1 U	0.84 U	1 U	0.84 U	2 U	0.84 U	0.84 U	1 U	1 U	1 U
Bromomethane	10.	1 U	0.58 U	1 U	0.58 U	2 U	0.58 U	0.58 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.62 U	1 U	0.62 U	2 U	0.62 U	0.62 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	0.54 U	1 U	0.54 U	2 U	0.54 U	0.54 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	0.69 U	1 U	0.69 U	2 U	0.69 U	0.69 U	1 U	1 U	1 U
Chloroform	70.	1 U	0.67 U	1 U	0.67 U	2 U	0.67 U	0.67 U	1 U	1 U	1 U
Chloromethane	3.	1 U	0.86 U	1 U	0.86 U	2 U	0.86 U	0.86 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	1 U	0.7 J	2 U	1	1	1 U	1 U	1
cis-1,3-Dichloropropene	0.4	1 U	0.67 U	1 U	0.67 U	2 U	0.67 U	0.67 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.79 U	1 U	0.79 U	2 U	0.79 U	0.79 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	0.5 U	1 U	0.5 U	2 U	0.5 U	0.5 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	0.81 U	5 U	0.81 U	10 U	0.81 U	0.81 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.81 U	1 U	0.81 U	2 U	0.81 U	0.81 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	0.81 U	1 U	0.81 U	2 U	0.81 U	0.81 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	0.42 U	1 U	0.42 U	2 U	0.42 U	0.42 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1.7 U	2 U	1.67 U	1.67 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	9.7 U	10 U	9.7 U	9.7 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1.7 U	2 U	1.67 U	1.67 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	0.54 U	1 U	0.54 U	2 U	0.54 U	0.54 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	0.44 U	1 U	0.44 U	2 U	0.44 U	0.44 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	0.55 U	1 U	0.55 U	2 U	0.55 U	0.55 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	0.47 U	1 U	0.47 U	2 U	0.47 U	0.47 U	1 U	1 U	1 U
Styrene	70.		0.69 U	1 U	0.69 U	2 U	0.69 U	0.69 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	0.46 U	1 U	0.46 U	2 U	0.46 U	0.46 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	**0.7 J**	1 U	**0.8 J**	2 U	**2**	**2**	1 U	1 U	**1**
Toluene	600.	1 U	0.95 U	1 U	0.95 U	2 U	0.95 U	0.95 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.33 U	1 U	0.33 U	2 U	0.33 U	0.33 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.81 U	1 U	0.81 U	2 U	0.81 U	0.81 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	1 U	5 U	1 U	10 U	1 U	1 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	0.5 U	1 U	0.5 U	2 U	**0.7 J**	**0.6 J**	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.39 U	1 U	0.39 U	2 U	0.39 U	0.39 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	0.72 U	1 U	0.72 U	2 U	0.72 U	0.72 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	0.46 U	1 U	0.46 U	2 U	0.46 U	0.46 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	0.83 U	2 U	0.83 U	4 U	0.83 U	0.83 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-14

Chemical Parameter	NC2L 1/1/10	W-MW-14 5/24/01	W-MW-14 6/14/01	W-MW-14 11/1/01	W-MW-14 11/15/01	W-MW-14 5/21/02	W-MW-14 5/21/03	W-MW-14 11/14/06	W-MW-14 5/21/07	W-MW-14 11/5/07	W-MW-14 5/13/08
1,1,1,2-Tetrachloroethane	1.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**350**	**310**	**44**	**70.8**	**39**	**7**	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	**24**	25U	1 U	**11**	**12**	**8**	**6.5**	**4.46**	**3.14**	**2.94**
1,1-Dichloroethene	350.	**17**	25U	1 U	**13.1**	**13**	**12**	**17.2**	**10.2**	**7.99**	**6.67**
1,1-Dichloropropene		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	120U	120U	5 U		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	12U	25U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	630U	630U	25 U		25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		120U	120U	5 U		5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	12U	25U	5 U		5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		120U	120U	5 U		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	630U	630U	25 U		25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	2500U	2500U	100 U		100 U					
Acrylonitrile		2500U	2500U	100 U		100 U					
Benzene	1.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	12U	25U	**7**		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	12U	25U	1 U	1 U	**1**	**1**	**1.12**	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	120U	120U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	120U	120U	5 U		5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	12U	25U	1 U	1 U	**1**	**1**	**1.56**	1 U	1 U	1 U
Toluene	600.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	12U	25U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		120U	120U	5 U		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	12U	25U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	12U	25U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		12U	25U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		25U	50U	2 U		2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-14

Chemical Parameter	NC2L 1/1/10	W-MW-14 11/3/08	W-MW-14 5/18/09	W-MW-14 11/2/09	W-MW-14 5/3/10	W-MW-14 11/1/10	W-MW-14 5/12/11	W-MW-14 10/11/11	W-MW-14 11/1/11	W-MW-14 5/11/12	W-MW-14 11/6/12
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	**2.74**	1 U	**2.41**	1 U	1 U		**1.9**	1 U	1 U
1,1-Dichloroethene	350.	1 U	**6.68**	1 U	**5.29**	**0.67 J**	1 U		**4.4**	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U		1 U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U		25 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U		25 U	5 U	5 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U					
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U					
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Xylene (total)	500.									3U	3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.							**1.75 J**			

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-14

Chemical Parameter	NC2L 1/1/10	W-MW-14 5/14/13	W-MW-14 11/5/13	W-MW-14 5/7/14	W-MW-14 11/4/14	W-MW-14 5/5/15	W-MW-14 11/4/15	W-MW-14 5/3/16
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acrolein	4.							
Acrylonitrile								
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane								
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene								
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.							
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.	3U	3U	3U	3U	3U	3U	3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.							

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-15

Chemical Parameter	NC2L 1/1/10	W-MW-15 1/21/94	W-MW-19 1/21/94	W-MW-20 1/21/94	W-MW-15 8/4/94	W-MW-15 11/15/94	W-MW-15 8/1/95	W-MW-15 10/16/96	W-MW-15 3/21/97	W-MW-15 10/6/98	W-MW-15 11/18/98
1,1,1,2-Tetrachloroethane	1.									0.66 U	2 U
1,1,1-Trichloroethane	200.	**800**	**520**	**35**	**69**	**25**	**31**	**5.7**	**4**	**13**	**16**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U						0.8 U	2 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	**0.63**	0.5 U	0.5 U	5 U	0.5 U	0.89 U	2 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	**1.8**	**1.5**	**1.1**	5 U	**0.7**	**0.5 J**	2 U
1,1-Dichloroethene	350.	**680**	**450**	**27**	**89**	**52**	**39**	**19**	**18**	**26**	**31**
1,1-Dichloropropene										0.74 U	2 U
1,2,3-Trichlorobenzene					0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.2 U	2 U
1,2,3-Trichloropropane	0.005				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.87 U	2 U
1,2,4-Trichlorobenzene	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U	2 U
1,2,4-Trimethylbenzene	400.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.51 U	2 U
1,2-Dibromo-3-chloropropane	0.04									1.2 U	10 U
1,2-Dibromoethane (Ethylene di	0.02									0.48 U	2 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U						0.78 U	2 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	**1.4**	0.5 U	**1.6 B**	5 U	0.5 U	0.64 U	2 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U						0.48 U	2 U
1,3,5-Trimethylbenzene	400.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U						0.67 U	2 U
1,3-Dichloropropane										0.73 U	2 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U						0.75 U	2 U
2,2-Dichloropropane										0.56 U	2 U
2-Butanone (MEK)	4000.									3.1 U	50 U
2-Chloroethyl Vinyl Ether		1 U	1 U	1 U						0.89 U	10 U
2-Chlorotoluene	100.									0.51 U	2 U
2-Hexanone	40.									4.1 U	10 U
4-Chlorotoluene	24.									0.53 U	2 U
4-Methyl-2-pentanone										3.1 U	10 U
Acetone	6000.							50 U	10 U	3.9 U	50 U
Acrolein	4.									25 U	200 U
Acrylonitrile										25 U	200 U
Benzene	1.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.4 U	2 U
Bromobenzene										0.69 U	2 U
Bromochloromethane										0.75 U	2 U
Bromodichloromethane	0.6	1 U	1 U	1 U						0.91 U	2 U
Bromoform	4.	1 U	1 U	1 U						0.84 U	2 U
Bromomethane	10.	1 U	1 U	1 U						0.58 U	2 U
Carbon Disulfide	700.							5 U	0.5 U	1 U	2 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	0.62 U	2 U
Chlorobenzene	50.	1 U	1 U	1 U						0.54 U	2 U
Chloroethane	3000.	1 U	1 U	1 U						0.69 U	2 U
Chloroform	70.	1 U	1 U	1 U	0.19 U	0.5 U	0.5 U	5 U	0.5 U	0.67 U	2 U
Chloromethane	3.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.86 U	2 U
cis-1,2-Dichloroethene	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U						0.67 U	2 U
Dibromochloromethane	0.4	1 U	1 U	1 U						0.79 U	2 U
Dibromomethane	70.									0.5 U	2 U
Dichlorodifluoromethane	1000.				0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.81 U	10 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.81 U	2 U
Hexachlorobutadiene	0.4									0.81 U	2 U
Iodomethane										1 U	2 U
Isopropylbenzene (Cumene)	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.42 U	2 U
Methyl Tert-butyl Ether	20.							5 U	0.5 U	1.7 U	2 U
Methylene chloride	5.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	10 U	2 U	9.7 U	10 U
Naphthalene	6.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	1.7 U	2 U
N-Butylbenzene	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.54 U	2 U
N-Propylbenzene	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.44 U	2 U
p-Isopropyltoluene (4-Isopropylt	25.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.55 U	2 U
Sec-butylbenzene	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.47 U	2 U
Styrene	70.									0.69 U	2 U
Tert-butylbenzene	70.				0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.46 U	2 U
Tetrachloroethene	0.7	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.51 U	2 U
Toluene	600.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.95 U	2 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.33 U	2 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U						0.81 U	2 U
trans-1,4-dichloro-2-butene										1 U	10 U
Trichloroethene	3.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	2 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U						0.39 U	2 U
Vinyl Acetate	88.							10 U	0.5 U		
Vinyl Chloride	0.03	1 U	1 U	1 U	0.15 U	0.5 U	0.5 U	10 U	0.5 U	0.72 U	2 U
Xylene (total)	500.	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	5 U	1 U		
Xylene,o-										0.46 U	2 U
Xylenes,m+p-										0.83 U	4 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-15

Chemical Parameter	NC2L 1/1/10	W-MW-15 Dup 2/22/99	W-MW-15 2/22/99	W-MW-15 8/24/99	M-MW-15 8/27/99	W-MW-15 2/19/00	W-MW-15Dup 2/19/00	W-MW-15 DUP 8/20/00	W-MW-15 8/20/00	W-MW-15 11/8/00
1,1,1,2-Tetrachloroethane	1.	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U	2 U
1,1,1-Trichloroethane	200.	**25**	**28**	**16**	**22**	**13**	**13**	**10**	**10**	**11**
1,1,2,2-Tetrachloroethane	0.2	0.8 U	0.8 U	0.8 U	0.8 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	0.6	0.89 U	0.89 U	0.89 U	0.89 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	6.	0.45 U	**0.9 J**	**0.7 J**	0.45 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	350.	**47**	**45**	**34**	**34**	**28**	**28**	**29**	**27**	**29**
1,1-Dichloropropene		0.74 U	0.74 U	0.74 U	0.74 U	2 U	2 U	2 U	2 U	2 U
1,2,3-Trichlorobenzene		1.18 U	1.18 U	1.18 U	1.18 U	2 U	2 U	2 U	2 U	2 U
1,2,3-Trichloropropane	0.005	0.87 U	0.87 U	0.87 U	0.87 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	70.	1.02 U	1.02 U	1.02 U	1.02 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trimethylbenzene	400.	0.51 U	0.51 U	0.51 U	0.51 U	2 U	2 U	2 U	2 U	2 U
1,2-Dibromo-3-chloropropane	0.04	1.24 U	1.24 U	1.24 U	1.24 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	0.48 U	0.48 U	0.48 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	20.	0.78 U	0.78 U	0.78 U	0.78 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	0.4	0.64 U	0.64 U	0.64 U	0.64 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	0.6	0.48 U	0.48 U	0.48 U	0.48 U	2 U	2 U	2 U	2 U	2 U
1,3,5-Trimethylbenzene	400.	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	200.	0.67 U	0.67 U	0.67 U	0.67 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichloropropane		0.73 U	0.73 U	0.73 U	0.73 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	6.	0.75 U	0.75 U	0.75 U	0.75 U	2 U	2 U	2 U	2 U	2 U
2,2-Dichloropropane		0.56 U	0.56 U	0.56 U	0.56 U	2 U	2 U	2 U	2 U	2 U
2-Butanone (MEK)	4000.	3.1 U	3.1 U	3.1 U	3.1 U	50 U	50 U	50 U	50 U	50 U
2-Chloroethyl Vinyl Ether		0.89 U	0.89 U	0.89 U	0.89 U	10 U	10 U	10 U	10 U	10 U
2-Chlorotoluene	100.	0.51 U	0.51 U	0.51 U	0.51 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	40.	4.08 U	4.08 U	4.08 U	4.08 U	10 U	10 U	10 U	10 U	10 U
4-Chlorotoluene	24.	0.53 U	0.53 U	0.53 U	0.53 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone		3.15 U	3.15 U	3.15 U	3.15 U	10 U	10 U	10 U	10 U	10 U
Acetone	6000.	3.9 U	3.9 U	3.9 U	3.9 U	50 U	50 U	50 U	50 U	50 U
Acrolein	4.	25 U	25 U	25 U	25 U	200 U	200 U	200 U	200 U	200 U
Acrylonitrile		25 U	25 U	25 U	25 U	200 U	200 U	200 U	200 U	200 U
Benzene	1.	0.4 U	0.4 U	0.4 U	0.4 U	2 U	2 U	2 U	2 U	2 U
Bromobenzene		0.69 U	0.69 U	0.69 U	0.69 U	2 U	2 U	2 U	2 U	2 U
Bromochloromethane		0.75 U	0.75 U	0.75 U	0.75 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	0.6	0.91 U	0.91 U	0.91 U	0.91 U	2 U	2 U	2 U	2 U	2 U
Bromoform	4.	0.84 U	0.84 U	0.84 U	0.84 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	10.	0.58 U	0.58 U	0.58 U	0.58 U	2 U	2 U	2 U	2 U	2 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	0.3	0.62 U	0.62 U	0.62 U	0.62 U	2 U	2 U	2 U	2 U	2 U
Chlorobenzene	50.	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U	2 U	2 U
Chloroethane	3000.	0.69 U	0.69 U	0.69 U	0.69 U	2 U	2 U	2 U	2 U	2 U
Chloroform	70.	0.67 U	0.67 U	0.67 U	0.67 U	2 U	2 U	2 U	2 U	2 U
Chloromethane	3.	0.86 U	0.86 U	0.86 U	0.86 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	70.	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	0.4	0.67 U	0.67 U	0.67 U	0.67 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	0.4	0.79 U	0.79 U	0.79 U	0.79 U	2 U	2 U	2 U	2 U	2 U
Dibromomethane	70.	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
Dichlorodifluoromethane	1000.	0.81 U	0.81 U	0.81 U	0.81 U	10 U	10 U	10 U	10 U	10 U
Diisopropyl ether (DIPE) (Isopro	70.									
Ethylbenzene	600.	0.81 U	0.81 U	0.81 U	0.81 U	2 U	2 U	2 U	2 U	2 U
Hexachlorobutadiene	0.4	0.81 U	0.81 U	0.81 U	0.81 U	2 U	2 U	2 U	2 U	2 U
Iodomethane		1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U
Isopropylbenzene (Cumene)	70.	0.42 U	0.42 U	0.42 U	0.42 U	2 U	2 U	2 U	2 U	2 U
Methyl Tert-butyl Ether	20.	1.67 U	1.67 U	1.67 U	1.67 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	5.	9.7 U	9.7 U	9.7 U	9.7 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	6.	1.67 U	1.67 U	1.67 U	1.67 U	2 U	2 U	2 U	2 U	2 U
N-Butylbenzene	70.	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U	2 U	2 U
N-Propylbenzene	70.	0.44 U	0.44 U	0.44 U	0.44 U	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	0.55 U	0.55 U	0.55 U	2 U	2 U	2 U	2 U	2 U
Sec-butylbenzene	70.	0.47 U	0.47 U	0.47 U	0.47 U	2 U	2 U	2 U	2 U	2 U
Styrene	70.	0.69 U	0.69 U	0.69 U	0.69 U	2 U	2 U	2 U	2 U	2 U
Tert-butylbenzene	70.	0.46 U	0.46 U	0.46 U	0.46 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	0.7	0.51 U	0.51 U	0.51 U	0.51 U	2 U	2 U	2 U	2 U	2 U
Toluene	600.	0.95 U	0.95 U	0.95 U	0.95 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	100.	0.33 U	0.33 U	0.33 U	0.33 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	0.4	0.81 U	0.81 U	0.81 U	0.81 U	2 U	2 U	2 U	2 U	2 U
trans-1,4-dichloro-2-butene		1 U	1 U	1 U	1 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	3.	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane	2000.	0.39 U	0.39 U	0.39 U	0.39 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	0.72 U	0.72 U	0.72 U	0.72 U	2 U	2 U	2 U	2 U	2 U
Xylene (total)	500.									
Xylene,o-		0.46 U	0.46 U	0.46 U	0.46 U	2 U	2 U	2 U	2 U	2 U
Xylenes,m+p-		0.83 U	0.83 U	0.83 U	0.83 U	4 U	4 U	4 U	4 U	4 U
1,4-Dioxane (p-dioxane)	3.									

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-15

Chemical Parameter	NC2L 1/1/10	W-MW-15 11/7/01	W-MW-15 11/2/09	W-MW-15 5/11/12	W-MW-15 11/5/12	W-MW-15 5/13/13	W-MW-15 11/5/13	W-MW-15 5/5/14	W-MW-15 11/3/14	W-MW-15 5/4/15	W-MW-15 11/2/15
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**11**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**33**	**3.79**	**1.4**	**2.2**	**2.6**	**3.6**	**2.0**	**9.6**	**5.9**	**1.9**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acrolein	4.	100 U									
Acrylonitrile		100 U									
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1U	1U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U								
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U								
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.			3U	3U	3U	3U	3U	3U	3U	3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.							2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-15

Chemical Parameter	NC2L 1/1/10	W-MW-15 5/3/16	
1,1,1,2-Tetrachloroethane	1.	1 U	
1,1,1-Trichloroethane	200.	1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	
1,1,2-Trichloroethane	0.6	1 U	
1,1-Dichloroethane	6.	1 U	
1,1-Dichloroethene	350.	**0.85**	**J**
1,1-Dichloropropene		1 U	
1,2,3-Trichlorobenzene		1 U	
1,2,3-Trichloropropane	0.005	1 U	
1,2,4-Trichlorobenzene	70.	1 U	
1,2,4-Trimethylbenzene	400.	1 U	
1,2-Dibromo-3-chloropropane	0.04	1 U	
1,2-Dibromoethane (Ethylene di	0.02	1 U	
1,2-Dichlorobenzene	20.	1 U	
1,2-Dichloroethane	0.4	1 U	
1,2-Dichloropropane	0.6	1 U	
1,3,5-Trimethylbenzene	400.	1 U	
1,3-Dichlorobenzene	200.	1 U	
1,3-Dichloropropane		1 U	
1,4-Dichlorobenzene	6.	1 U	
2,2-Dichloropropane		1 U	
2-Butanone (MEK)	4000.	5 U	
2-Chloroethyl Vinyl Ether		5 U	
2-Chlorotoluene	100.	1 U	
2-Hexanone	40.	5 U	
4-Chlorotoluene	24.	1 U	
4-Methyl-2-pentanone		5 U	
Acetone	6000.	5 U	
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	
Bromobenzene		1 U	
Bromochloromethane		1 U	
Bromodichloromethane	0.6	1 U	
Bromoform	4.	1 U	
Bromomethane	10.	1 U	
Carbon Disulfide	700.	5 U	
Carbon Tetrachloride	0.3	1 U	
Chlorobenzene	50.	1 U	
Chloroethane	3000.	1 U	
Chloroform	70.	1 U	
Chloromethane	3.	1 U	
cis-1,2-Dichloroethene	70.	1 U	
cis-1,3-Dichloropropene	0.4	1 U	
Dibromochloromethane	0.4	1 U	
Dibromomethane	70.	1 U	
Dichlorodifluoromethane	1000.	1 U	
Diisopropyl ether (DIPE) (Isopro	70.	1 U	
Ethylbenzene	600.	1 U	
Hexachlorobutadiene	0.4	1 U	
Iodomethane			
Isopropylbenzene (Cumene)	70.	1 U	
Methyl Tert-butyl Ether	20.	1 U	
Methylene chloride	5.	1 U	
Naphthalene	6.	1 U	
N-Butylbenzene	70.	1 U	
N-Propylbenzene	70.	1 U	
p-Isopropyltoluene (4-Isopropylt	25.	1 U	
Sec-butylbenzene	70.	1 U	
Styrene	70.	1 U	
Tert-butylbenzene	70.	1 U	
Tetrachloroethene	0.7	1 U	
Toluene	600.	1 U	
trans-1,2-Dichloroethene	100.	1 U	
trans-1,3-Dichloropropene	0.4	1 U	
trans-1,4-dichloro-2-butene			
Trichloroethene	3.	1 U	
Trichlorofluoromethane	2000.	1 U	
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	
Xylene (total)	500.	3U	
Xylene,o-		1 U	
Xylenes,m+p-		2 U	
1,4-Dioxane (p-dioxane)	3.	2 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16D

Chemical Parameter	NC2L 1/1/10	W-MW-16D 1/28/94	W-MW-16D 8/4/94	W-MW-16D 11/15/94	W-MW-16D 8/1/95	W-MW-16D 10/21/96	W-MW-16D 3/20/97	W-MW-16D 11/22/97	W-MW-16D 2/24/98	W-MW-16D 5/27/98
1,1,1,2-Tetrachloroethane	1.							1 U	0.66 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.54 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U						1 U	0.8 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.89 U	1 U
1,1-Dichloroethane	6.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.45 U	1 U
1,1-Dichloroethene	350.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.55 U	1 U
1,1-Dichloropropene								1 U	0.74 U	1 U
1,2,3-Trichlorobenzene			0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.87 U	1 U
1,2,4-Trichlorobenzene	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.51 U	1 U
1,2-Dibromo-3-chloropropane	0.04							5 U	1.2 U	5 U
1,2-Dibromoethane (Ethylene di	0.02							1 U	0.48 U	1 U
1,2-Dichlorobenzene	20.	1 U						1 U	0.78 U	1 U
1,2-Dichloroethane	0.4	1 U	0.38 U	5 U	**0.73 B**	5 U	0.5 U	1 U	0.55 U	1 U
1,2-Dichloropropane	0.6	1 U						1 U	0.48 U	1 U
1,3,5-Trimethylbenzene	400.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	1 U
1,3-Dichlorobenzene	200.	1 U						1 U	0.67 U	1 U
1,3-Dichloropropane								1 U	0.73 U	1 U
1,4-Dichlorobenzene	6.	1 U						1 U	0.75 U	1 U
2,2-Dichloropropane								1 U	0.56 U	1 U
2-Butanone (MEK)	4000.							25 U	3.1 U	25 U
2-Chloroethyl Vinyl Ether		1 U						5 U	0.89 U	5 U
2-Chlorotoluene	100.							1 U	0.51 U	1 U
2-Hexanone	40.							5 U	4.1 U	5 U
4-Chlorotoluene	24.							1 U	0.53 U	1 U
4-Methyl-2-pentanone								5 U	3.1 U	5 U
Acetone	6000.					50 U	10 U	25 U	3.9 U	25 U
Acrolein	4.							50 U	25 U	50 U
Acrylonitrile								50 U	25 U	50 U
Benzene	1.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.4 U	1 U
Bromobenzene								1 U	0.69 U	1 U
Bromochloromethane								1 U	0.75 U	1 U
Bromodichloromethane	0.6	1 U						1 U	0.91 U	1 U
Bromoform	4.	1 U						1 U	0.84 U	1 U
Bromomethane	10.	1 U						1 U	0.58 U	1 U
Carbon Disulfide	700.					5 U	0.5 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	5 U	0.5 U	5 U	0.5 U	1 U	0.62 U	1 U
Chlorobenzene	50.	1 U						1 U	0.54 U	1 U
Chloroethane	3000.							1 U	0.69 U	1 U
Chloroform	70.	1 U	0.19 U	5 U	0.5 U	5 U	0.5 U	1 U	0.67 U	1 U
Chloromethane	3.	1 U	0.5 U	5 U	0.5 U	10 U	0.5 U	1 U	0.86 U	1 U
cis-1,2-Dichloroethene	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4	1 U						1 U	0.67 U	1 U
Dibromochloromethane	0.4	1 U						1 U	0.79 U	1 U
Dibromomethane	70.							1 U	0.5 U	1 U
Dichlorodifluoromethane	1000.		0.5 U	5 U	0.5 U	10 U	0.5 U	5 U	0.81 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.									
Ethylbenzene	600.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.81 U	1 U
Hexachlorobutadiene	0.4							1 U	0.81 U	1 U
Iodomethane								1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.42 U	1 U
Methyl Tert-butyl Ether	20.					5 U	0.5 U	1 U	1 U	1 U
Methylene chloride	5.	1 U	0.5 U	5 U	0.5 U	10 U	2 U	5 U	5 U	5 U
Naphthalene	6.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	1 U	1 U
N-Butylbenzene	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.54 U	1 U
N-Propylbenzene	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.44 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.55 U	1 U
Sec-butylbenzene	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.47 U	1 U
Styrene	70.							1 U	0.69 U	1 U
Tert-butylbenzene	70.		0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.46 U	1 U
Tetrachloroethene	0.7	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.51 U	1 U
Toluene	600.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.95 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.33 U	1 U
trans-1,3-Dichloropropene	0.4	1 U						1 U	0.81 U	1 U
trans-1,4-dichloro-2-butene								5 U	1 U	5 U
Trichloroethene	3.	1 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	1 U
Trichlorofluoromethane	2000.	1 U						1 U	0.39 U	1 U
Vinyl Acetate	88.					10 U	0.5 U			
Vinyl Chloride	0.03	1 U	0.5 U	5 U	0.5 U	10 U	0.5 U	1 U	0.72 U	1 U
Xylene (total)	500.	1 U	0.5 U	5 U	0.5 U	5 U	1 U			
Xylene,o-								1 U	0.46 U	1 U
Xylenes,m+p-								2 U	0.83 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16D

Chemical Parameter	NC2L 1/1/10	M-MW-16D 8/28/98	W-MW-16D 11/18/98	W-MW-16-D 2/22/99	W-MW-16D 8/24/99	W-MW-16D 2/19/00	W-MW-16D 8/17/00	W-MW-16D 11/5/00	W-MW-16D 5/21/01	W-MW-16D 11/6/01
1,1,1,2-Tetrachloroethane	1.	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		0.74 U	1 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1.2 U	1 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		0.73 U	1 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		0.56 U	1 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		0.89 U	5 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		3.1 U	5 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.								1 U	1 U
Ethylbenzene	600.	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		0.83 U	2 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16D

Chemical Parameter	NC2L 1/1/10	W-MW-16D 5/16/02	W-MW-16D 11/19/02	W-MW-16D 5/19/03	W-MW-16D 11/10/03	W-MW-16D 5/12/04	W-MW-16D 11/16/04	W-MW-16D 5/17/05	W-MW-16D 11/14/05	W-MW-16D 5/16/06	W-MW-16D 5/21/07
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U							
Acrylonitrile		100 U	100 U	100 U							
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16D

Chemical Parameter	NC2L 1/1/10	W-MW-16D 11/5/07	W-MW-16D 5/12/08	W-MW-16D 5/18/09	W-MW-16D 5/3/10	W-MW-16D 5/12/11	W-MW-16D 5/9/12	W-MW-16D 5/14/13	W-MW-16D 5/6/14	W-MW-16D 5/5/15
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	5 U
Acrolein	4.									
Acrylonitrile										
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U						
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	**0.44 J**	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U						
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.						3U	3U	3U	3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16D

Chemical Parameter	NC2L 1/1/10	W-MW-16D 5/3/16
1,1,1,2-Tetrachloroethane	1.	1 U
1,1,1-Trichloroethane	200.	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U
1,1,2-Trichloroethane	0.6	1 U
1,1-Dichloroethane	6.	1 U
1,1-Dichloroethene	350.	1 U
1,1-Dichloropropene		1 U
1,2,3-Trichlorobenzene		1 U
1,2,3-Trichloropropane	0.005	1 U
1,2,4-Trichlorobenzene	70.	1 U
1,2,4-Trimethylbenzene	400.	1 U
1,2-Dibromo-3-chloropropane	0.04	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U
1,2-Dichlorobenzene	20.	1 U
1,2-Dichloroethane	0.4	1 U
1,2-Dichloropropane	0.6	1 U
1,3,5-Trimethylbenzene	400.	1 U
1,3-Dichlorobenzene	200.	1 U
1,3-Dichloropropane		1 U
1,4-Dichlorobenzene	6.	1 U
2,2-Dichloropropane		1 U
2-Butanone (MEK)	4000.	5 U
2-Chloroethyl Vinyl Ether		5 U
2-Chlorotoluene	100.	1 U
2-Hexanone	40.	5 U
4-Chlorotoluene	24.	1 U
4-Methyl-2-pentanone		5 U
Acetone	6000.	5 U
Acrolein	4.	
Acrylonitrile		
Benzene	1.	1 U
Bromobenzene		1 U
Bromochloromethane		1 U
Bromodichloromethane	0.6	1 U
Bromoform	4.	1 U
Bromomethane	10.	1 U
Carbon Disulfide	700.	5 U
Carbon Tetrachloride	0.3	1 U
Chlorobenzene	50.	1 U
Chloroethane	3000.	1 U
Chloroform	70.	1 U
Chloromethane	3.	1 U
cis-1,2-Dichloroethene	70.	1 U
cis-1,3-Dichloropropene	0.4	1 U
Dibromochloromethane	0.4	1 U
Dibromomethane	70.	1 U
Dichlorodifluoromethane	1000.	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U
Ethylbenzene	600.	1 U
Hexachlorobutadiene	0.4	1 U
Iodomethane		
Isopropylbenzene (Cumene)	70.	1 U
Methyl Tert-butyl Ether	20.	1 U
Methylene chloride	5.	1 U
Naphthalene	6.	1 U
N-Butylbenzene	70.	1 U
N-Propylbenzene	70.	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U
Sec-butylbenzene	70.	1 U
Styrene	70.	1 U
Tert-butylbenzene	70.	1 U
Tetrachloroethene	0.7	1 U
Toluene	600.	1 U
trans-1,2-Dichloroethene	100.	1 U
trans-1,3-Dichloropropene	0.4	1 U
trans-1,4-dichloro-2-butene		
Trichloroethene	3.	1 U
Trichlorofluoromethane	2000.	1 U
Vinyl Acetate	88.	
Vinyl Chloride	0.03	1 U
Xylene (total)	500.	3U
Xylene,o-		1 U
Xylenes,m+p-		2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	W-MW-16S 1/21/94	W-MW-16S 8/4/94	W-MW-16S 11/15/94	W-MW-16S 8/1/95	W-MW-16S 10/21/96	W-MW-16S 3/20/97	W-MW-16S 11/22/97	W-MW-16S 2/24/98	W-MW-16S 5/27/98
1,1,1,2-Tetrachloroethane	1.							10 U	0.66 U	2 U
1,1,1-Trichloroethane	200.	**6**	**28**	**18**	**18**	**16**	**11**	**21**	**58**	**9**
1,1,2,2-Tetrachloroethane	0.2	1 U						10 U	0.8 U	2 U
1,1,2-Trichloroethane	0.6	1 U	**0.69**	0.5 U	0.5 U	5 U	2 U	10 U	0.89 U	2 U
1,1-Dichloroethane	6.	1 U	**6.9**	**4.2**	**4.8**	**4 J**	**2**	**5 J**	**8**	**2**
1,1-Dichloroethene	350.	**44**	**64**	**36**	**59**	**63**	**34**	**63**	**170**	**27**
1,1-Dichloropropene								10 U	0.74 U	2 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	1 U	2 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.87 U	2 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	1 U	2 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.51 U	2 U
1,2-Dibromo-3-chloropropane	0.04							50 U	1.2 U	10 U
1,2-Dibromoethane (Ethylene di	0.02							10 U	0.48 U	2 U
1,2-Dichlorobenzene	20.	1 U						10 U	0.78 U	2 U
1,2-Dichloroethane	0.4	1 U	**0.87**	0.5 U	**1.2 B**	5 U	2 U	10 U	**1**	2 U
1,2-Dichloropropane	0.6	1 U						10 U	0.48 U	2 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.5 U	2 U
1,3-Dichlorobenzene	200.	1 U						10 U	0.67 U	2 U
1,3-Dichloropropane								10 U	0.73 U	2 U
1,4-Dichlorobenzene	6.	1 U						10 U	0.75 U	2 U
2,2-Dichloropropane								10 U	0.56 U	2 U
2-Butanone (MEK)	4000.							250 U	3.1 U	50 U
2-Chloroethyl Vinyl Ether		1 U						50 U	0.89 U	10 U
2-Chlorotoluene	100.							10 U	0.51 U	2 U
2-Hexanone	40.							50 U	4.1 U	10 U
4-Chlorotoluene	24.							10 U	0.53 U	2 U
4-Methyl-2-pentanone								50 U	3.1 U	10 U
Acetone	6000.					50 U	40 U	250 U	3.9 U	50 U
Acrolein	4.							500 U	25 U	100 U
Acrylonitrile								500 U	25 U	100 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.4 U	2 U
Bromobenzene								10 U	0.69 U	2 U
Bromochloromethane								10 U	0.75 U	2 U
Bromodichloromethane	0.6	1 U						10 U	0.91 U	2 U
Bromoform	4.	1 U						10 U	0.84 U	2 U
Bromomethane	10.	1 U						10 U	0.58 U	2 U
Carbon Disulfide	700.					5 U	2 U	10 U	1 U	2 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.5 U	0.5 U	5 U	2 U	10 U	0.62 U	2 U
Chlorobenzene	50.	1 U						10 U	0.54 U	2 U
Chloroethane	3000.	1 U						10 U	0.69 U	2 U
Chloroform	70.	1 U	0.19 U	0.5 U	0.5 U	5 U	2 U	10 U	0.67 U	2 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	10 U	2 U	10 U	0.86 U	2 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.5 U	2 U
cis-1,3-Dichloropropene	0.4	1 U						10 U	0.67 U	2 U
Dibromochloromethane	0.4	1 U						10 U	0.79 U	2 U
Dibromomethane	70.							10 U	0.5 U	2 U
Dichlorodifluoromethane	1000.		**190**	**71**	**71**	**110**	**48**	**120**	**210**	**23**
Diisopropyl ether (DIPE) (Isopro	70.									
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.81 U	2 U
Hexachlorobutadiene	0.4							10 U	0.81 U	2 U
Iodomethane								10 U	1 U	2 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.42 U	2 U
Methyl Tert-butyl Ether	20.					5 U	2 U	10 U	1 U	2 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	10 U	8 U	50 U	5 U	10 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	1 U	2 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.54 U	2 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.44 U	2 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.55 U	2 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.47 U	2 U
Styrene	70.							10 U	0.69 U	2 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.46 U	2 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.51 U	2 U
Toluene	600.	1 U	0.5 U	**0.59**	0.5 U	5 U	2 U	10 U	0.95 U	2 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	2 U	10 U	0.33 U	2 U
trans-1,3-Dichloropropene	0.4	1 U						10 U	0.81 U	2 U
trans-1,4-dichloro-2-butene								50 U	1 U	10 U
Trichloroethene	3.	1 U	**0.56**	0.5 U	0.5 U	5 U	2 U	10 U	**0.5 J**	2 U
Trichlorofluoromethane	2000.	1 U						10 U	0.39 U	2 U
Vinyl Acetate	88.					10 U	2 U			
Vinyl Chloride	0.03	1 U	0.015 U	0.5 U	0.5 U	10 U	2 U	10 U	0.72 U	2 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	4 U			
Xylene,o-								10 U	0.46 U	2 U
Xylenes,m+p-								2 U	0.83 U	4 U
1,4-Dioxane (p-dioxane)	3.									

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	M-MW-16S 8/28/98	W-MW-16S 11/18/98	W-MW-16-S 2/22/99		W-MW-16S 8/24/99	W-MW-16 2/19/00	W-MW-16s 5/31/00	W-MW-16S 8/17/00	W-MW-16S 11/5/00	W-MW-16S-26 3/22/01
1,1,1,2-Tetrachloroethane	1.	3.3 U	5 U	0.66 U		0.66 U	10 U	8 U	8 U	8 U	2.5 U
1,1,1-Trichloroethane	200.	**16**	**52**	**67**	E	**53**	**36**	**21**	**46**	**50**	**9**
1,1,2,2-Tetrachloroethane	0.2	4 U	5 U	0.8 U		0.8 U	10 U	8 U	8 U	8 U	2.5 U
1,1,2-Trichloroethane	0.6	4.4 U	5 U	**1**		0.89 U	10 U	8 U	8 U	8 U	2.5 U
1,1-Dichloroethane	6.	**3 J**	**8**	**10**		**9**	10 U	8 U	**8**	**8**	2.5 U
1,1-Dichloroethene	350.	**37**	**120**	**170**	E	**140**	**100**	**75**	**170**	**150**	**40**
1,1-Dichloropropene		3.7 U	5 U	0.74 U		0.74 U	10 U	8 U	8 U	8 U	2.5 U
1,2,3-Trichlorobenzene		5.9 U	5 U	1.18 U		1.18 U	10 U	8 U	8 U	8 U	2.5 U
1,2,3-Trichloropropane	0.005	4.4 U	5 U	0.87 U		0.87 U	10 U	8 U	8 U	8 U	2.5 U
1,2,4-Trichlorobenzene	70.	5.1 U	5 U	1.02 U		1.02 U	10 U	8 U	8 U	8 U	2.5 U
1,2,4-Trimethylbenzene	400.	2.5 U	5 U	0.51 U		0.51 U	10 U	8 U	8 U	8 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	6.2 U	25 U	1.24 U		1.24 U	50 U	40 U	40 U	40 U	12 U
1,2-Dibromoethane (Ethylene di	0.02	2.4 U	5 U	0.48 U		0.48 U	10 U	8 U	8 U	8 U	2.5 U
1,2-Dichlorobenzene	20.	3.9 U	5 U	0.78 U		0.78 U	10 U	8 U	8 U	8 U	2.5 U
1,2-Dichloroethane	0.4	3.2 U	5 U	0.64 U		**2**	10 U	8 U	8 U	8 U	2.5 U
1,2-Dichloropropane	0.6	2.4 U	5 U	0.48 U		0.48 U	10 U	8 U	8 U	8 U	2.5 U
1,3,5-Trimethylbenzene	400.	2.5 U	5 U	0.5 U		0.5 U	10 U	8 U	8 U	8 U	2.5 U
1,3-Dichlorobenzene	200.	3.3 U	5 U	0.67 U		0.67 U	10 U	8 U	8 U	8 U	2.5 U
1,3-Dichloropropane		3.6 U	5 U	0.73 U		0.73 U	10 U	8 U	8 U	8 U	2.5 U
1,4-Dichlorobenzene	6.	3.8 U	5 U	0.75 U		0.75 U	10 U	8 U	8 U	8 U	2.5 U
2,2-Dichloropropane		2.8 U	5 U	0.56 U		0.56 U	10 U	8 U	8 U	8 U	2.5 U
2-Butanone (MEK)	4000.	15 U	120 U	3.1 U		3.1 U	250 U	200 U	200 U	200 U	62 U
2-Chloroethyl Vinyl Ether		4.4 U	25 U	0.89 U		0.89 U	50 U	40 U	40 U	40 U	12 U
2-Chlorotoluene	100.	2.5 U	5 U	0.51 U		0.51 U	10 U	8 U	8 U	8 U	2.5 U
2-Hexanone	40.	20 U	25 U	4.08 U		4.08 U	50 U	40 U	40 U	40 U	12 U
4-Chlorotoluene	24.	2.7 U	5 U	0.53 U		0.53 U	10 U	8 U	8 U	8 U	2.5 U
4-Methyl-2-pentanone		16 U	25 U	3.15 U		3.15 U	50 U	40 U	40 U	40 U	12 U
Acetone	6000.	20 U	120 U	3.9 U		3.9 U	250 U	200 U	200 U	200 U	62 U
Acrolein	4.	120 U	500 U	25 U		25 U	1000 U	800 U	800 U	800 U	250 U
Acrylonitrile		120 U	500 U	25 U		25 U	1000 U	800 U	800 U	800 U	250 U
Benzene	1.	2 U	5 U	**0.5 J**		**0.5 J**	**38**	8 U	8 U	8 U	2.5 U
Bromobenzene		3.4 U	5 U	0.69 U		0.69 U	10 U	8 U	8 U	8 U	2.5 U
Bromochloromethane		3.8 U	5 U	0.75 U		0.75 U	10 U	8 U	8 U	8 U	2.5 U
Bromodichloromethane	0.6	4.6 U	5 U	0.91 U		0.91 U	10 U	8 U	8 U	8 U	2.5 U
Bromoform	4.	4.2 U	5 U	0.84 U		0.84 U	10 U	8 U	8 U	8 U	2.5 U
Bromomethane	10.	2.9 U	5 U	0.58 U		0.58 U	10 U	8 U	8 U	8 U	2.5 U
Carbon Disulfide	700.	5 U	5 U	1 U		1 U	10 U	8 U	8 U	8 U	2.5 U
Carbon Tetrachloride	0.3	3.1 U	5 U	0.62 U		0.62 U	10 U	8 U	8 U	8 U	2.5 U
Chlorobenzene	50.	2.7 U	5 U	0.54 U		0.54 U	10 U	8 U	8 U	8 U	2.5 U
Chloroethane	3000.	3.4 U	5 U	0.69 U		0.69 U	10 U	8 U	8 U	8 U	2.5 U
Chloroform	70.	3.3 U	5 U	0.67 U		0.67 U	10 U	8 U	8 U	8 U	2.5 U
Chloromethane	3.	4.3 U	5 U	0.86 U		0.86 U	10 U	8 U	8 U	8 U	2.5 U
cis-1,2-Dichloroethene	70.	2.5 U	5 U	0.5 U		0.5 U	10 U	8 U	8 U	8 U	2.5 U
cis-1,3-Dichloropropene	0.4	3.3 U	5 U	0.67 U		0.67 U	10 U	8 U	8 U	8 U	2.5 U
Dibromochloromethane	0.4	3.9 U	5 U	0.79 U		0.79 U	10 U	8 U	8 U	8 U	2.5 U
Dibromomethane	70.	2.5 U	5 U	0.5 U		0.5 U	10 U	8 U	8 U	8 U	2.5 U
Dichlorodifluoromethane	1000.	**83**	**100**	**240**	E	**71**	**56**	**59**	**77**	**66**	**19**
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	4.1 U	5 U	0.81 U		0.81 U	10 U	8 U	8 U	8 U	2.5 U
Hexachlorobutadiene	0.4	4.1 U	5 U	0.81 U		0.81 U	10 U	8 U	8 U	8 U	2.5 U
Iodomethane		5 U	5 U	1 U		1 U	10 U	8 U	8 U	8 U	2.5 U
Isopropylbenzene (Cumene)	70.	2.1 U	5 U	0.42 U		0.42 U	10 U	8 U	8 U	8 U	2.5 U
Methyl Tert-butyl Ether	20.	8.3 U	5 U	1.67 U		1.67 U	10 U	8 U	8 U	8 U	2.5 U
Methylene chloride	5.	49 U	25 U	9.7 U		9.7 U	50 U	40 U	40 U	40 U	12 U
Naphthalene	6.	8.3 U	5 U	1.67 U		1.67 U	10 U	8 U	8 U	8 U	2.5 U
N-Butylbenzene	70.	2.7 U	5 U	0.54 U		0.54 U	10 U	8 U	8 U	8 U	2.5 U
N-Propylbenzene	70.	2.2 U	5 U	0.44 U		0.44 U	10 U	8 U	8 U	8 U	2.5 U
p-Isopropyltoluene (4-Isopropylt	25.	2.8 U	5 U	0.55 U		0.55 U	10 U	8 U	8 U	8 U	2.5 U
Sec-butylbenzene	70.	2.4 U	5 U	0.47 U		0.47 U	10 U	8 U	8 U	8 U	2.5 U
Styrene	70.	3.4 U	5 U	0.69 U		0.69 U	10 U	8 U	8 U	8 U	2.5 U
Tert-butylbenzene	70.	2.3 U	5 U	0.46 U		0.46 U	10 U	8 U	8 U	8 U	2.5 U
Tetrachloroethene	0.7	2.5 U	5 U	0.51 U		0.51 U	10 U	8 U	8 U	8 U	2.5 U
Toluene	600.	4.7 U	5 U	0.95 U		0.95 U	10 U	8 U	8 U	8 U	2.5 U
trans-1,2-Dichloroethene	100.	1.7 U	5 U	0.33 U		0.33 U	10 U	8 U	8 U	8 U	2.5 U
trans-1,3-Dichloropropene	0.4	4.1 U	5 U	0.81 U		0.81 U	10 U	8 U	8 U	8 U	2.5 U
trans-1,4-dichloro-2-butene		5 U	25 U	1 U		1 U	50 U	40 U	40 U	40 U	12 U
Trichloroethene	3.	2.5 U	5 U	**0.6 J**		0.5 U	10 U	8 U	8 U	8 U	2.5 U
Trichlorofluoromethane	2000.	2 U	5 U	0.39 U		0.39 U	10 U	8 U	8 U	8 U	2.5 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	3.6 U	5 U	0.72 U		0.72 U	10 U	8 U	8 U	8 U	2.5 U
Xylene (total)	500.										
Xylene,o-		2.3 U	5 U	0.46 U		0.46 U	10 U	8 U	8 U	8 U	2.5 U
Xylenes,m+p-		4.1 U	10 U	0.83 U		0.83 U	20 U	16 U	16 U	16 U	5 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	W-MW-16S-40 3/22/01	W-MW-16S 5/21/01	W-MW-16S 7/16/01	W-MW-16S 9/19/01	W-MW-16S 11/1/01	W-MW-16S 12/12/01	W-MW-16S 1/25/02	W-MW-16S 5/20/02	W-MW-16S 11/21/02
1,1,1,2-Tetrachloroethane	1.	2.5 U	5 U	8 U						
1,1,1-Trichloroethane	200.	**7**	**27**	**29**	**2.7**	1 U	1 U	**2**	1 U	5 U
1,1,2,2-Tetrachloroethane	0.2	2.5 U	5 U	8 U						
1,1,2-Trichloroethane	0.6	2.5 U	5 U	8 U						
1,1-Dichloroethane	6.	2.5 U	**6**	8 U	**2.5**	**2.5**	**3.2**	**20.9**	**15.8**	**6.6**
1,1-Dichloroethene	350.	**32**	**110**	**110**	**21.6**	**15.2**	**18.1**	**98.7**	**82.3**	**28**
1,1-Dichloropropene		2.5 U	5 U	8 U						
1,2,3-Trichlorobenzene		2.5 U	5 U	8 U						
1,2,3-Trichloropropane	0.005	2.5 U	5 U	8 U						
1,2,4-Trichlorobenzene	70.	2.5 U	5 U	8 U						
1,2,4-Trimethylbenzene	400.	2.5 U	5 U	8 U						
1,2-Dibromo-3-chloropropane	0.04	12 U	25 U	40 U						
1,2-Dibromoethane (Ethylene di	0.02	2.5 U	5 U	8 U						
1,2-Dichlorobenzene	20.	2.5 U	5 U	8 U						
1,2-Dichloroethane	0.4	2.5 U	5 U	8 U	1 U	1 U	1 U	**1.1**	1 U	5 U
1,2-Dichloropropane	0.6	2.5 U	5 U	8 U						
1,3,5-Trimethylbenzene	400.	2.5 U	5 U	8 U						
1,3-Dichlorobenzene	200.	2.5 U	5 U	8 U						
1,3-Dichloropropane		2.5 U	5 U	8 U						
1,4-Dichlorobenzene	6.	2.5 U	5 U	8 U						
2,2-Dichloropropane		2.5 U	5 U	8 U						
2-Butanone (MEK)	4000.	62 U	120 U	200 U						
2-Chloroethyl Vinyl Ether		12 U	25 U	40 U						
2-Chlorotoluene	100.	2.5 U	5 U	8 U						
2-Hexanone	40.	12 U	25 U	40 U						
4-Chlorotoluene	24.	2.5 U	5 U	8 U						
4-Methyl-2-pentanone		12 U	25 U	40 U						
Acetone	6000.	62 U	120 U	200 U						
Acrolein	4.	250 U	500 U	800 U						
Acrylonitrile		250 U	500 U	800 U						
Benzene	1.	2.5 U	5 U	8 U						
Bromobenzene		2.5 U	5 U	8 U						
Bromochloromethane		2.5 U	5 U	8 U						
Bromodichloromethane	0.6	2.5 U	5 U	8 U						
Bromoform	4.	2.5 U	5 U	8 U						
Bromomethane	10.	2.5 U	5 U	8 U						
Carbon Disulfide	700.	2.5 U	5 U	8 U						
Carbon Tetrachloride	0.3	2.5 U	5 U	8 U						
Chlorobenzene	50.	2.5 U	5 U	8 U						
Chloroethane	3000.	2.5 U	5 U	8 U			1 U		1 U	10 U
Chloroform	70.	2.5 U	5 U	8 U						
Chloromethane	3.	2.5 U	5 U	8 U						
cis-1,2-Dichloroethene	70.	2.5 U	5 U	8 U	1 U	1 U	1 U	1 U	1 U	5 U
cis-1,3-Dichloropropene	0.4	2.5 U	5 U	8 U						
Dibromochloromethane	0.4	2.5 U	5 U	8 U						
Dibromomethane	70.	2.5 U	5 U	8 U						
Dichlorodifluoromethane	1000.	**15**	**42**	**80**	**14**	**10.2**	**10.4**	1 U	1 U	18
Diisopropyl ether (DIPE) (Isopro	70.		5 U	8 U						
Ethylbenzene	600.	2.5 U	5 U	8 U						
Hexachlorobutadiene	0.4	2.5 U	5 U	8 U						
Iodomethane		2.5 U	5 U	8 U						
Isopropylbenzene (Cumene)	70.	2.5 U	5 U	8 U						
Methyl Tert-butyl Ether	20.	2.5 U	5 U	8 U						
Methylene chloride	5.	12 U	25 U	40 U						
Naphthalene	6.	2.5 U	5 U	8 U						
N-Butylbenzene	70.	2.5 U	5 U	8 U						
N-Propylbenzene	70.	2.5 U	5 U	8 U						
p-Isopropyltoluene (4-Isopropylt	25.	2.5 U	5 U	8 U						
Sec-butylbenzene	70.	2.5 U	5 U	8 U						
Styrene	70.	2.5 U	5 U	8 U						
Tert-butylbenzene	70.	2.5 U	5 U	8 U						
Tetrachloroethene	0.7	2.5 U	5 U	8 U	1 U	1 U	1 U	1 U	1 U	5 U
Toluene	600.	2.5 U	5 U	8 U						
trans-1,2-Dichloroethene	100.	2.5 U	5 U	8 U	1 U	1 U	1 U	1 U	1 U	5 U
trans-1,3-Dichloropropene	0.4	2.5 U	5 U	8 U						
trans-1,4-dichloro-2-butene		12 U	25 U	40 U						
Trichloroethene	3.	2.5 U	5 U	8 U	1 U	1 U	1 U	1 U	1 U	5 U
Trichlorofluoromethane	2000.	2.5 U	5 U	8 U						
Vinyl Acetate	88.									
Vinyl Chloride	0.03	2.5 U	5 U	8 U	1 U	1 U	1 U	1 U	**2.4**	10 U
Xylene (total)	500.									
Xylene,o-		2.5 U	5 U	8 U						
Xylenes,m+p-		5 U	10 U	16 U						
1,4-Dioxane (p-dioxane)	3.									

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	W-MW-16S 5/21/03	W-MW-16S 11/13/03	W-MW-16S 5/12/04	W-MW-16S 11/17/04	W-MW-16S 5/18/05	W-MW-16S 11/14/05	W-MW-16S 5/16/06	W-MW-16S 11/14/06	W-MW-16S 5/21/07	W-MW-16S 11/5/07
1,1,1,2-Tetrachloroethane	1.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	**2.45**	**2.45**
1,1,2,2-Tetrachloroethane	0.2	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	**6**	**5**	4 U	1 U	**3.19**	**2.22**	**5.13**	**3.67**	**6.09**	**3.07**
1,1-Dichloroethene	350.	**29**	**21**	**9**	**5.81**	**8.71**	<1	9.16	1.85	**19.6**	1 U
1,1-Dichloropropene		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	20 U	5 U	20 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	**160**	**330**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		20 U	5 U	20 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	20U	5 U	20U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		20 U	5 U	20 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	**190**	**520**	**520**	25 U	67.6	31	94.6	25 U	25 U	25 U
Acrolein	4.	400 U									
Acrylonitrile		400 U									
Benzene	1.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	4 U	1 U	4 U	1 U	1.1	1.1	1	1	2.38	1 U
Carbon Tetrachloride	0.3	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	4 U	**5**	**6.72**	**7.26**	**2.14**	**4.7**	**1.34**	**2.48**	1 U	**2.33**
Chloroform	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	20 U	5 U	20 U	5 U	5 U	5 U	5 U	5 U	**11.3**	1 U
Diisopropyl ether (DIPE) (Isopro	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	20 U	5 U	20 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		20 U	5 U	20 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	**4**	**16**	4 U	**1.14**	1 U	**2.19**	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	**11**	**19**	**28.8**	**39.9**	**27.9**	**29.2**	**35.9**	**31.2**	**28.8**	**18.5**
Xylene (total)	500.										
Xylene,o-		4 U	1 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		8 U	2 U	8 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	W-MW-16S 5/13/08	W-MW-16S 11/3/08	W-MW-16S 5/18/09	W-MW-16S 11/2/09	W-MW-16S 5/3/10	W-MW-16S 11/1/10	W-MW-16S 5/12/11	W-MW-16S 10/11/11	MW-16S dup 10/11/11	W-MW-16S 11/1/11
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	**2.82**	1 U	1 U			1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,1-Dichloroethane	6.	**4.37**	**3.67**	**3.83**	**2.14**	**5.11**	**3.3**	**4.7**			**1.4**
1,1-Dichloroethene	350.	**2.83**	**5.3**	**15.8**	1 U	**33.7**	1 U	**22**			1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U			5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U			25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U			5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U			5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U			5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U			25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	**0.90 J**	1 U			1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Dichlorodifluoromethane	1000.	**5.33**	1 U	1 U	1 U	**10.2**	1 U	**7.6**			**2.0**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U				
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U			5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Toluene	600.	1.41	1.41	1 U	1 U	1 U	1 U	1 U			1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U				
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	**30.9**	**27.3**	**20.3**	**10.7**	**27**	**19**	**23**			**6.2**
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U			1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U			2 U
1,4-Dioxane (p-dioxane)	3.								**3.22**	**2.63**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	W-MW-16S 5/8/12	W-MW-16S 11/5/12	W-MW-16S 5/13/13	W-MW-16S Dup 5/13/13	W-MW-16S 11/5/13	W-MW-16S 5/6/14		W-MW-16S 11/4/14	W-MW-16S 5/5/15		W-MW-16S 11/3/15
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	**0.60**	J	1 U	1 U		1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,1-Dichloroethane	6.	**1.1**	**1.7**	**2.2**	**2.5**	**1.5**	**3.2**		**2.4**	**3.6**		**2.3**
1,1-Dichloroethene	350.	**1.4**	**1.4**	**2.4**	**2.1**	**1.4**	**22**		**1.7**	**3.8**		**1.3**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2-Dibromo-3-chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2-Butanone (MEK)	4000.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Acetone	6000.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Acrolein	4.											
Acrylonitrile												
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Carbon Disulfide	700.	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Dichlorodifluoromethane	1000.	1 U	**3.4**	**2.8**	**2.4**	**3.9**	**7.5**		**3.1**	**5.4**		**2.7**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Iodomethane												
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Methylene chloride	5.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
trans-1,4-dichloro-2-butene												
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	**6.6**	**8.8**	**16**	**14**	**8.8**	**15**		**15**	**32**		**12**
Xylene (total)	500.	3U	3U	3U	3U	3U	3U		3U	3U		3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U		2 U
1,4-Dioxane (p-dioxane)	3.						**2.55**		**2.31**	**1.96**	J	**2.48**

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-16S

Chemical Parameter	NC2L 1/1/10	W-MW-16S 5/3/16
1,1,1,2-Tetrachloroethane	1.	1 U
1,1,1-Trichloroethane	200.	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U
1,1,2-Trichloroethane	0.6	1 U
1,1-Dichloroethane	6.	**5.2**
1,1-Dichloroethene	350.	**7**
1,1-Dichloropropene		1 U
1,2,3-Trichlorobenzene		1 U
1,2,3-Trichloropropane	0.005	1 U
1,2,4-Trichlorobenzene	70.	1 U
1,2,4-Trimethylbenzene	400.	1 U
1,2-Dibromo-3-chloropropane	0.04	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U
1,2-Dichlorobenzene	20.	1 U
1,2-Dichloroethane	0.4	1 U
1,2-Dichloropropane	0.6	1 U
1,3,5-Trimethylbenzene	400.	1 U
1,3-Dichlorobenzene	200.	1 U
1,3-Dichloropropane		1 U
1,4-Dichlorobenzene	6.	1 U
2,2-Dichloropropane		1 U
2-Butanone (MEK)	4000.	5 U
2-Chloroethyl Vinyl Ether		5 U
2-Chlorotoluene	100.	1 U
2-Hexanone	40.	5 U
4-Chlorotoluene	24.	1 U
4-Methyl-2-pentanone		5 U
Acetone	6000.	5 U
Acrolein	4.	
Acrylonitrile		
Benzene	1.	1 U
Bromobenzene		1 U
Bromochloromethane		1 U
Bromodichloromethane	0.6	1 U
Bromoform	4.	1 U
Bromomethane	10.	1 U
Carbon Disulfide	700.	5 U
Carbon Tetrachloride	0.3	1 U
Chlorobenzene	50.	1 U
Chloroethane	3000.	1 U
Chloroform	70.	1 U
Chloromethane	3.	1 U
cis-1,2-Dichloroethene	70.	1 U
cis-1,3-Dichloropropene	0.4	1 U
Dibromochloromethane	0.4	1 U
Dibromomethane	70.	1 U
Dichlorodifluoromethane	1000.	**7.4**
Diisopropyl ether (DIPE) (Isopro	70.	1 U
Ethylbenzene	600.	1 U
Hexachlorobutadiene	0.4	1 U
Iodomethane		
Isopropylbenzene (Cumene)	70.	1 U
Methyl Tert-butyl Ether	20.	1 U
Methylene chloride	5.	1 U
Naphthalene	6.	1 U
N-Butylbenzene	70.	1 U
N-Propylbenzene	70.	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U
Sec-butylbenzene	70.	1 U
Styrene	70.	1 U
Tert-butylbenzene	70.	1 U
Tetrachloroethene	0.7	1 U
Toluene	600.	1 U
trans-1,2-Dichloroethene	100.	1 U
trans-1,3-Dichloropropene	0.4	1 U
trans-1,4-dichloro-2-butene		
Trichloroethene	3.	1 U
Trichlorofluoromethane	2000.	1 U
Vinyl Acetate	88.	
Vinyl Chloride	0.03	**47**
Xylene (total)	500.	3U
Xylene,o-		1 U
Xylenes,m+p-		2 U
1,4-Dioxane (p-dioxane)	3.	**3.4**

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-17D

Chemical Parameter	NC2L 1/1/10	W-MW-17D 1/28/94	W-MW-17D 8/5/94	W-MW-21 8/5/94	W-MW-17D 9/27/94	-MW-17D-Du 9/27/94	W-MW-17D 11/14/94	W-MW-17D 8/1/95	W-MW-17D 10/21/96	W-MW-17D 3/20/97	W-MW-17D 11/22/97
1,1,1,2-Tetrachloroethane	1.										1 U
1,1,1-Trichloroethane	200.	1 U	**0.68**	**0.51**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**20**	**4**
1,1,2,2-Tetrachloroethane	0.2	1 U									1 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,1-Dichloroethane	6.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.9**	**0.5 J**
1,1-Dichloroethene	350.	1 U	**1.6**	**1.4**	0.5 U	0.5 U	0.5 U	**2**	**4 J**	**24**	**7**
1,1-Dichloropropene											1 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,2-Dibromo-3-chloropropane	0.04										5 U
1,2-Dibromoethane (Ethylene di	0.02										1 U
1,2-Dichlorobenzene	20.	1 U									1 U
1,2-Dichloroethane	0.4	1 U	0.38 U	0.38 U	0.38 U	0.38 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,2-Dichloropropane	0.6	1 U									1 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
1,3-Dichlorobenzene	200.	1 U									1 U
1,3-Dichloropropane											1 U
1,4-Dichlorobenzene	6.	1 U									1 U
2,2-Dichloropropane											1 U
2-Butanone (MEK)	4000.										25 U
2-Chloroethyl Vinyl Ether		1 U									5 U
2-Chlorotoluene	100.										1 U
2-Hexanone	40.										5 U
4-Chlorotoluene	24.										1 U
4-Methyl-2-pentanone											5 U
Acetone	6000.								50 U	10 U	25 U
Acrolein	4.										50 U
Acrylonitrile											50 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.7**	1 U
Bromobenzene											1 U
Bromochloromethane											1 U
Bromodichloromethane	0.6	1 U									1 U
Bromoform	4.	1 U									1 U
Bromomethane	10.	1 U									1 U
Carbon Disulfide	700.		0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	5 U	**1**	1 U
Carbon Tetrachloride	0.3	1 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Chlorobenzene	50.	1 U									1 U
Chloroethane	3000.										1 U
Chloroform	70.	1 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	5 U	**1**	1 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	1 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4	1 U									1 U
Dibromochloromethane	0.4	1 U									1 U
Dibromomethane	70.										1 U
Dichlorodifluoromethane	1000.		31	31	12	12	4.4	94	23	7	11
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Hexachlorobutadiene	0.4										1 U
Iodomethane											1 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Methyl Tert-butyl Ether	20.								5 U	0.5 U	1 U
Methylene chloride	5.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	5 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.94	5 U	0.5 U	1 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Styrene	70.										1 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Toluene	600.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**2**	1 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
trans-1,3-Dichloropropene	0.4	1 U									1 U
trans-1,4-dichloro-2-butene											5 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	1 U
Trichlorofluoromethane	2000.										1 U
Vinyl Acetate	88.								10 U	0.5 U	1 U
Vinyl Chloride	0.03	1 U	0.015 U	0.015 U	0.015 U	0.015 U	0.5 U	0.5 U	10 U	0.5 U	1 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	
Xylene,o-											1 U
Xylenes,m+p-											2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-17D

Chemical Parameter	NC2L 1/1/10	W-MW-17D 2/24/98	W-MW-17D 5/28/98	M-MW-17 8/27/98	W-MW-17 11/18/98	W-MW-17 2/22/99	W-MW-17 8/23/99	W-MW-17 2/19/00	W-MW-17 8/19/00	W-MW-17 11/5/00	W-MW-17 5/23/01
1,1,1,2-Tetrachloroethane	1.	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**54**	**20**	**2**	**2**	**0.6 J**	0.54 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	**2**	**3**	**1**	**1**	**2**	**1**	**1**	**1**	**1**	**1**
1,1-Dichloroethene	350.	**50**	**24**	**6**	**6**	**6**	**3**	**4**	**5**	**4**	**4**
1,1-Dichloropropene		0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	**1**	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U
Acetone	6000.	3.9 U	25 U	3.9 U	25 U	3.9 U	18	25 U	25 U	25 U	25 U
Acrolein	4.	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U
Acrylonitrile		25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U	100 U
Benzene	1.	0.4 U	1 U	0.4 U	**1**	**3**	**4**	**5**	**8**	**7**	**8**
Bromobenzene		0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U
Bromochloromethane		0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U
Bromoform	4.	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U
Bromomethane	10.	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	**6**	**2**	**6**	**2**	**3**	**8**	**6**	**3**
Carbon Tetrachloride	0.3	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U
Chloroform	70.	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U
Chloromethane	3.	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	13	5	4	6	6	0.81 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										1 U
Ethylbenzene	600.	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U
Styrene	70.	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U
Toluene	600.	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-17D

Chemical Parameter	NC2L 1/1/10	W-MW-17 11/7/01	W-MW-17 5/17/02	W-MW-17 11/19/02	W-MW-17 5/19/03	W-MW-17 11/10/03	W-MW-17 5/12/04	W-MW-17 11/16/04	W-MW-17 5/17/05	W-MW-17 11/14/05	W-MW-17 5/16/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	**1**	**2**	**2**	**1**	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**4**	**3**	**2**	**1**	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U						
Acrylonitrile		100 U	100 U	100 U	100 U						
Benzene	1.	**11**	**11**	**6**	**2**	1 U	1 U	**1.9**	**1.23**	**1.35**	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	**3**	**3**	**4**	**5**	**2**	**2.14**	**2.81**	**2.87**	**3.78**	**2.63**
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	**2**	**2**	**2**	**1.03**	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-17D

Chemical Parameter	NC2L 1/1/10	W-MW-17 11/14/06	W-MW-17 5/21/07	W-MW-17 11/5/07	W-MW-17 5/13/08	W-MW-17 11/3/08	W-MW-17 5/19/09	W-MW-17 11/2/09	W-MW-17 5/3/10	W-MW-17 11/1/10	W-MW-17 5/12/11
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**12**	**5.8**
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	**1.47**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	**2.13**	1 U	**1.86**	**1.2**	**1.08**	**1.08**	**1.11**	**1.47**	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-17D

Chemical Parameter	NC2L 1/1/10	W-MW-17 11/1/11	W-MW-17 11/1/11	W-MW-17 5/10/12	W-MW-17 11/5/12	W-MW-17 5/13/13	W-MW-17 11/4/13	W-MW-17 5/5/14	W-MW-17 11/3/14	W-MW-17 5/4/15	W-MW-17 11/2/15	
1,1,1,2-Tetrachloroethane	1.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	200.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	0.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	6.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethene	350.		1 U	**1.0**	**1.5**	**1.3**	**1.5**	**1.5**	**1.8**	**1.6**	**0.94**	J
1,1-Dichloropropene			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichloropropane	0.005		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,4-Trimethylbenzene	400.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dibromo-3-chloropropane	0.04		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dibromoethane (Ethylene di	0.02		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichlorobenzene	20.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloropropane	0.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	400.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3-Dichlorobenzene	200.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3-Dichloropropane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	6.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2,2-Dichloropropane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2-Butanone (MEK)	4000.		25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Chloroethyl Vinyl Ether			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Chlorotoluene	100.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2-Hexanone	40.		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
4-Chlorotoluene	24.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
4-Methyl-2-pentanone			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acetone	6000.		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acrolein	4.											
Acrylonitrile												
Benzene	1.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromobenzene			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromochloromethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform	4.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	10.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Disulfide	700.		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Carbon Tetrachloride	0.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	50.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroethane	3000.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloromethane	3.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromomethane	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dichlorodifluoromethane	1000.		5 U	1 U	**0.44 J**	1 U	1 U	1 U	1 U	**0.49**	J 1 U	
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	600.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Hexachlorobutadiene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Iodomethane												
Isopropylbenzene (Cumene)	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Tert-butyl Ether	20.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene chloride	5.		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Naphthalene	6.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
N-Butylbenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
N-Propylbenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
p-Isopropyltoluene (4-Isopropylt	25.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Sec-butylbenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Styrene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tert-butylbenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	0.7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Toluene	600.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	100.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,4-dichloro-2-butene												
Trichloroethene	3.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Trichlorofluoromethane	2000.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl Acetate	88.											
Vinyl Chloride	0.03		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Xylene (total)	500.			3U	3U	3U	3U	3U	3U	3U	3U	
Xylene,o-			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Xylenes,m+p-			2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
1,4-Dioxane (p-dioxane)	3.	2 U						2 U	2 U	2 U	2 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-17D

Chemical Parameter	NC2L 1/1/10	W-MW-17 5/2/16	
1,1,1,2-Tetrachloroethane	1.	1 U	
1,1,1-Trichloroethane	200.	1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	
1,1,2-Trichloroethane	0.6	1 U	
1,1-Dichloroethane	6.	1 U	
1,1-Dichloroethene	350.	**1.5**	**J**
1,1-Dichloropropene		1 U	
1,2,3-Trichlorobenzene		1 U	
1,2,3-Trichloropropane	0.005	1 U	
1,2,4-Trichlorobenzene	70.	1 U	
1,2,4-Trimethylbenzene	400.	1 U	
1,2-Dibromo-3-chloropropane	0.04	1 U	
1,2-Dibromoethane (Ethylene di	0.02	1 U	
1,2-Dichlorobenzene	20.	1 U	
1,2-Dichloroethane	0.4	1 U	
1,2-Dichloropropane	0.6	1 U	
1,3,5-Trimethylbenzene	400.	1 U	
1,3-Dichlorobenzene	200.	1 U	
1,3-Dichloropropane		1 U	
1,4-Dichlorobenzene	6.	1 U	
2,2-Dichloropropane		1 U	
2-Butanone (MEK)	4000.	5 U	
2-Chloroethyl Vinyl Ether		5 U	
2-Chlorotoluene	100.	1 U	
2-Hexanone	40.	5 U	
4-Chlorotoluene	24.	1 U	
4-Methyl-2-pentanone		5 U	
Acetone	6000.	5 U	
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	
Bromobenzene		1 U	
Bromochloromethane		1 U	
Bromodichloromethane	0.6	1 U	
Bromoform	4.	1 U	
Bromomethane	10.	1 U	
Carbon Disulfide	700.	5 U	
Carbon Tetrachloride	0.3	1 U	
Chlorobenzene	50.	1 U	
Chloroethane	3000.	1 U	
Chloroform	70.	1 U	
Chloromethane	3.	1 U	
cis-1,2-Dichloroethene	70.	1 U	
cis-1,3-Dichloropropene	0.4	1 U	
Dibromochloromethane	0.4	1 U	
Dibromomethane	70.	1 U	
Dichlorodifluoromethane	1000.	1 U	
Diisopropyl ether (DIPE) (Isopro	70.	1 U	
Ethylbenzene	600.	1 U	
Hexachlorobutadiene	0.4	1 U	
Iodomethane			
Isopropylbenzene (Cumene)	70.	1 U	
Methyl Tert-butyl Ether	20.	1 U	
Methylene chloride	5.	1 U	
Naphthalene	6.	1 U	
N-Butylbenzene	70.	1 U	
N-Propylbenzene	70.	1 U	
p-Isopropyltoluene (4-Isopropylt	25.	1 U	
Sec-butylbenzene	70.	1 U	
Styrene	70.	1 U	
Tert-butylbenzene	70.	1 U	
Tetrachloroethene	0.7	1 U	
Toluene	600.	1 U	
trans-1,2-Dichloroethene	100.	1 U	
trans-1,3-Dichloropropene	0.4	1 U	
trans-1,4-dichloro-2-butene			
Trichloroethene	3.	1 U	
Trichlorofluoromethane	2000.	1 U	
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	
Xylene (total)	500.	3U	
Xylene,o-		1 U	
Xylenes,m+p-		2 U	
1,4-Dioxane (p-dioxane)	3.	2 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-18

Chemical Parameter	NC2L 1/1/10	W-MW-18 1/28/94	W-MW-18 8/5/94	W-MW-18 9/27/94	W-MW-18 11/14/94	W-MW-22 11/14/94	W-MW-18 8/2/95	W-MW-18 10/17/96	W-MW-18 3/20/97	W-MW-18 11/22/97
1,1,1,2-Tetrachloroethane	1.									2 U
1,1,1-Trichloroethane	200.	1 U	**0.64**	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,1,2,2-Tetrachloroethane	0.2	1 U								2 U
1,1,2-Trichloroethane	0.6	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,1-Dichloroethane	6.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,1-Dichloroethene	350.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,1-Dichloropropene										2 U
1,2,3-Trichlorobenzene			0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,2,3-Trichloropropane	0.005		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,2,4-Trichlorobenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,2,4-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,2-Dibromo-3-chloropropane	0.04									10 U
1,2-Dibromoethane (Ethylene dibromide)	0.02									2 U
1,2-Dichlorobenzene	20.	1 U								2 U
1,2-Dichloroethane	0.4	1 U	0.38 U	0.38 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,2-Dichloropropane	0.6	1 U								2 U
1,3,5-Trimethylbenzene	400.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
1,3-Dichlorobenzene	200.	1 U								2 U
1,3-Dichloropropane										2 U
1,4-Dichlorobenzene	6.	1 U								2 U
2,2-Dichloropropane										2 U
2-Butanone (MEK)	4000.									50 U
2-Chloroethyl Vinyl Ether		1 U								10 U
2-Chlorotoluene	100.									2 U
2-Hexanone	40.									10 U
4-Chlorotoluene	24.									2 U
4-Methyl-2-pentanone										10 U
Acetone	6000.							50 U	20 U	50 U
Acrolein	4.									100 U
Acrylonitrile										100 U
Benzene	1.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Bromobenzene										2 U
Bromochloromethane										2 U
Bromodichloromethane	0.6	1 U								2 U
Bromoform	4.	1 U								2 U
Bromomethane	10.	1 U								2 U
Carbon Disulfide	700.							5 U	**22**	**17**
Carbon Tetrachloride	0.3	1 U	0.5 U	0.3 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Chlorobenzene	50.	1 U								2 U
Chloroethane	3000.									2 U
Chloroform	70.	1 U	**6.7**	**5**	**0.8**	5 U	0.5 U	5 U	1 U	2 U
Chloromethane	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	10 U	1 U	2 U
cis-1,2-Dichloroethene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
cis-1,3-Dichloropropene	0.4	1 U								2 U
Dibromochloromethane	0.4	1 U								2 U
Dibromomethane	70.									2 U
Dichlorodifluoromethane	1000.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	10 U	1 U	10 U
Diisopropyl ether (DIPE) (Isopropyl ether)	70.									
Ethylbenzene	600.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Hexachlorobutadiene	0.4									2 U
Iodomethane										2 U
Isopropylbenzene (Cumene)	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Methyl Tert-butyl Ether	20.							5 U	1 U	2 U
Methylene chloride	5.	1 U	**0.62**	**0.8**	**0.6**	5 U	0.5 U	10 U	4 U	10 U
Naphthalene	6.		0.5 U	0.5 U	0.5 U	5 U	1	5 U	1 U	2 U
N-Butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
N-Propylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Sec-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Styrene	70.									2 U
Tert-butylbenzene	70.		0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Tetrachloroethene	0.7	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Toluene	600.	1 U	0.5 U	0.5 U	**0.51**	5 U	0.5 U	5 U	1 U	2 U
trans-1,2-Dichloroethene	100.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
trans-1,3-Dichloropropene	0.4	1 U								2 U
trans-1,4-dichloro-2-butene										10 U
Trichloroethene	3.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	1 U	2 U
Trichlorofluoromethane	2000.									2 U
Vinyl Acetate	88.							10 U	1 U	
Vinyl Chloride	0.03	1 U	0.015 U	0.015 U	0.5 U	5 U	0.5 U	10 U	1 U	2 U
Xylene (total)	500.	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	2 U	
Xylene,o-										2 U
Xylenes,m+p-										4 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-18

Chemical Parameter	NC2L 1/1/10	W-MW-18 2/24/98	W-MW-18 5/27/98	M-MW-18 8/28/98	W-MW-18 11/19/98	W-MW-18 2/23/99	W-MW-18 8/26/99	W-MW-18 2/20/00	W-MW-18 8/19/00	W-MW-18 11/5/00
1,1,1,2-Tetrachloroethane	1.	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	10 U	5 U
1,1,1-Trichloroethane	200.	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	10 U	5 U
1,1,2,2-Tetrachloroethane	0.2	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	10 U	5 U
1,1,2-Trichloroethane	0.6	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	10 U	5 U
1,1-Dichloroethane	6.	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	10 U	5 U
1,1-Dichloroethene	350.	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	10 U	5 U
1,1-Dichloropropene		0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	10 U	5 U
1,2,3-Trichlorobenzene		1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	10 U	5 U
1,2,3-Trichloropropane	0.005	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	10 U	5 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	10 U	5 U
1,2,4-Trimethylbenzene	400.	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	10 U	5 U
1,2-Dibromo-3-chloropropane	0.04	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	50 U	25 U
1,2-Dibromoethane (Ethylene dibromide)	0.02	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	10 U	5 U
1,2-Dichlorobenzene	20.	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	10 U	5 U
1,2-Dichloroethane	0.4	0.55 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	10 U	5 U
1,2-Dichloropropane	0.6	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	10 U	5 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	10 U	5 U
1,3-Dichlorobenzene	200.	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	10 U	5 U
1,3-Dichloropropane		0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	10 U	5 U
1,4-Dichlorobenzene	6.	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	10 U	5 U
2,2-Dichloropropane		0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	10 U	5 U
2-Butanone (MEK)	4000.	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	250 U	120 U
2-Chloroethyl Vinyl Ether		0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	50 U	25 U
2-Chlorotoluene	100.	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	10 U	5 U
2-Hexanone	40.	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	50 U	25 U
4-Chlorotoluene	24.	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	10 U	5 U
4-Methyl-2-pentanone		3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	50 U	25 U
Acetone	6000.	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	250 U	120 U
Acrolein	4.	25 U	50 U	25 U	100 U	25 U	25 U	100 U	1000 U	500 U
Acrylonitrile		25 U	50 U	25 U	100 U	25 U	25 U	100 U	1000 U	500 U
Benzene	1.	0.4 U	1 U	0.4 U	1 U	0.4 U	**0.6 J**	1 U	10 U	5 U
Bromobenzene		0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	10 U	5 U
Bromochloromethane		0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	10 U	5 U
Bromodichloromethane	0.6	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	10 U	5 U
Bromoform	4.	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	10 U	5 U
Bromomethane	10.	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	10 U	5 U
Carbon Disulfide	700.	**3**	**16**	**2**	**3**	**12**	**2**	**9**	**89**	**52**
Carbon Tetrachloride	0.3	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	10 U	5 U
Chlorobenzene	50.	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	10 U	5 U
Chloroethane	3000.	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	10 U	5 U
Chloroform	70.	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	10 U	5 U
Chloromethane	3.	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	10 U	5 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	10 U	5 U
cis-1,3-Dichloropropene	0.4	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	10 U	5 U
Dibromochloromethane	0.4	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	10 U	5 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	10 U	5 U
Dichlorodifluoromethane	1000.	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	50 U	25 U
Diisopropyl ether (DIPE) (Isopropyl ether)	70.									
Ethylbenzene	600.	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	10 U	5 U
Hexachlorobutadiene	0.4	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	10 U	5 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	5 U
Isopropylbenzene (Cumene)	70.	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	10 U	5 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	10 U	5 U
Methylene chloride	5.	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	50 U	25 U
Naphthalene	6.	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	10 U	5 U
N-Butylbenzene	70.	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	10 U	5 U
N-Propylbenzene	70.	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	10 U	5 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	10 U	5 U
Sec-butylbenzene	70.	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	10 U	5 U
Styrene	70.	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	10 U	5 U
Tert-butylbenzene	70.	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	10 U	5 U
Tetrachloroethene	0.7	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	10 U	5 U
Toluene	600.	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	10 U	5 U
trans-1,2-Dichloroethene	100.	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	10 U	5 U
trans-1,3-Dichloropropene	0.4	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	10 U	5 U
trans-1,4-dichloro-2-butene		1 U	5 U	1 U	5 U	1 U	1 U	5 U	50 U	25 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	10 U	5 U
Trichlorofluoromethane	2000.	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	10 U	5 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	10 U	5 U
Xylene (total)	500.									
Xylene,o-		0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	10 U	5 U
Xylenes,m+p-		0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	20 U	10 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-18

Chemical Parameter	NC2L 1/1/10	W-MW-18 5/24/01	W-MW-18 11/8/01	W-MW-18 5/17/02	W-MW-18 11/19/02	W-MW-18 5/19/03	W-MW-18 11/10/03	W-MW-18 5/13/04	W-MW-18 11/16/04	W-MW-18 5/17/05
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U				
Acrylonitrile		100 U	100 U	100 U	100 U	100 U				
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	**4**	**9**	**5**	1 U	**1**	1 U	**1.1**	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopropyl ether)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.									
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-18

Chemical Parameter	NC2L 1/1/10	W-MW-18 11/14/05	W-MW-18 5/16/06	W-MW-18 5/21/07	W-MW-18 5/13/08	W-MW-18 5/19/09	W-MW-18 5/3/10	W-MW-18 5/12/11	W-MW-18 5/9/12	W-MW-18 5/14/13
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U
Acrolein	4.									
Acrylonitrile										
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopropyl ether)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U				
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.83 J**	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U				
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.									
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.								3U	3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-18

Chemical Parameter	NC2L 1/1/10	W-MW-18 5/5/14	W-MW-18 5/4/15	W-MW-18 5/3/16
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	0.02	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U
2-Butanone (MEK)	4000.	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U
Acetone	6000.	5 U	5 U	5 U
Acrolein	4.			
Acrylonitrile				
Benzene	1.	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U
Carbon Disulfide	700.	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopropyl ether)	70.	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U
Iodomethane				
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U
Methylene chloride	5.	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropyltoluene)	25.	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				
Trichloroethene	3.	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U
Vinyl Acetate	88.			
Vinyl Chloride	0.03	1 U	1 U	1 U
Xylene (total)	500.	3U	3U	3U
Xylene,o-		1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-19

Chemical Parameter	NC2L 1/1/10	W-MW-19 10/17/96	W-MW-19 3/31/97	W-MW-19 11/19/98	W-MW-19 2/23/99	W-MW-19 8/26/99	W-MW-19 2/19/00	W-MW-19 8/19/00	W-MW-19 11/5/00	W-MW-19 3/23/01	W-MW-19 5/24/01
1,1,1,2-Tetrachloroethane	1.			1 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**17**	**8**	**1**	**24**	**24**	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2			1 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	5 U	1 U	1 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	**4.2 J**	**3**	1 U	**2**	**3**	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**73**	**28**	**7**	**46**	**67**	**4**	**4**	**3**	**3**	1 U
1,1-Dichloropropene				1 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		5 U	1 U	1 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	5 U	1 U	1 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	5 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	5 U	1 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04			5 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02			1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.			1 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	5 U	**0.5 J**	1 U	0.64 U	**0.9 J**	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6			1 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.			1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane				1 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.			1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane				1 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.			25 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether				5 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.			1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.			5 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.			1 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone				5 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	50 U	25 U	25 U	3.9 U	3.9 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.			100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile				100 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	5 U	**0.5 J**	1 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene				1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane				1 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6			1 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.			1 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.			1 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	5 U	1 U	1 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.			1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.			1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	5 U	1 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	10 U	**0.6 J**	1 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4			1 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4			1 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.			1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	**6.2 J**	**5**	5 U	**26**	**20**	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										1 U
Ethylbenzene	600.	5 U	1 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4			1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
Iodomethane				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	5 U	1 U	1 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	5 U	**0.6 J**	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	10 U	5 U	5 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	5 U	1 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	5 U	1 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	5 U	1 U	1 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	5 U	1 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	5 U	1 U	1 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.			1 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	5 U	1 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	5 U	1 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	5 U	1 U	1 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	5 U	1 U	1 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene				5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.			1 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.	10 U	1 U								
Vinyl Chloride	0.03	10 U	1 U	1 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.	5 U	3 U								
Xylene,o-				1 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-				2 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-19

Chemical Parameter	NC2L 1/1/10	W-MW-19 11/8/01	W-MW-19 11/2/09
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	**2**	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	25 U	25 U
Acrolein	4.	100 U	
Acrylonitrile		100 U	
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1 U
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-20

Chemical Parameter	NC2L 1/1/10	W-MW-20 11/1/01	MW-20 5/12/11	D-MW-20 5/12/11	MW-20 11/1/11	MW-20 5/11/12	MW-20 (dup) 5/11/12	MW-20 11/6/12	MW-20 5/14/13	MW-20 11/6/13	MW-20 5/7/14	
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	6.	12	10	11	9.3	8.7	7.2	5.9	7.5	6.8	6.2	
1,1-Dichloroethene	350.	41	1.3	1.1	0.91J	1.2	0.56 J	2.1	3.5	4.1	3.9	
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,4-Trimethylbenzene	400.	23	4.2	4.3	1 U	1 U	1 U	1 U	2.0	1 U	2.0	
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dibromoethane (Ethylene dibromic	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	400.	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acetone	6000.	25 U	25 U	25 U	25 U	5 U	5 U	2.8 J	5 U	5 U	5 U	
Acrolein	4.	100 U										
Acrylonitrile		100 U										
Benzene	1.	1 U	1.9	2	1.9	1.6	1.1	1.0	1.6	1.6	1.1	
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	70.	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	
Diisopropyl ether (DIPE) (Isopropyl eth	70.		1.3	1.4	0.77 J	1.0	0.80 J	0.41 J	0.68 J	0.58 J	0.48	J
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Iodomethane		1 U	1 U									
Isopropylbenzene (Cumene)	70.	7	9.7	9.4	8.2	3.0	0.83 J	1.1	1 U	1 U	1 U	
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene chloride	5.	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	
Naphthalene	6.	34	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
N-Butylbenzene	70.	5	1.9	1 U	1 U	0.83 J	1 U	1 U	0.46 J	0.85 J	1 U	
N-Propylbenzene	70.	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
p-Isopropyltoluene (4-Isopropyltoluene	25.	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Sec-butylbenzene	70.	8	5.8	5.1	4.1	2.2	1 U	0.74 J	1 U	1 U	1 U	
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tert-butylbenzene	70.	1 U	0.9 J	0.81 J	1 U	0.67 J	1 U	0.46 J	0.40 J	0.44 J	1 U	
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,4-dichloro-2-butene		5 U	5 U									
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl Acetate	88.											
Vinyl Chloride	0.03	1 U	12	12	10	8.7	8.3	7.8	7.7	8.6	6.3	
Xylene (total)	500.					3U	3U	3U	3U	3U	3U	
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
1,4-Dioxane (p-dioxane)	3.										4.97	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-20

Chemical Parameter	NC2L 1/1/10	MW-20 11/4/14		MW-20 5/5/15		MW-20 11/4/15		MW-20 5/3/16	
1,1,1,2-Tetrachloroethane	1.	1 U		1 U		1 U		1 U	
1,1,1-Trichloroethane	200.	1 U		1 U		1 U		1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U		1 U		1 U		1 U	
1,1,2-Trichloroethane	0.6	1 U		1 U		1 U		1 U	
1,1-Dichloroethane	6.	**4.9**		**5.2**		**4.6**		**5.2**	
1,1-Dichloroethene	350.	**2.3**		**3.2**		**2.8**		**3.1**	
1,1-Dichloropropene		1 U		1 U		1 U		1 U	
1,2,3-Trichlorobenzene		1 U		1 U		1 U		1 U	
1,2,3-Trichloropropane	0.005	1 U		1 U		1 U		1 U	
1,2,4-Trichlorobenzene	70.	1 U		1 U		1 U		1 U	
1,2,4-Trimethylbenzene	400.	**0.87**	J	**0.84**	J				
1,2-Dibromo-3-chloropropane	0.04	1 U		1 U		1 U		1 U	
1,2-Dibromoethane (Ethylene dibromic	0.02	1 U		1 U		1 U		1 U	
1,2-Dichlorobenzene	20.	1 U		1 U		1 U		1 U	
1,2-Dichloroethane	0.4	1 U		1 U		1 U		1 U	
1,2-Dichloropropane	0.6	1 U		1 U		1 U		1 U	
1,3,5-Trimethylbenzene	400.	1 U		1 U		1 U		1 U	
1,3-Dichlorobenzene	200.	1 U		1 U		1 U		1 U	
1,3-Dichloropropane		1 U		1 U		1 U		1 U	
1,4-Dichlorobenzene	6.	1 U		1 U		1 U		1 U	
2,2-Dichloropropane		1 U		1 U		1 U		1 U	
2-Butanone (MEK)	4000.	5 U		5 U		5 U		5 U	
2-Chloroethyl Vinyl Ether		5 U		5 U		5 U		5 U	
2-Chlorotoluene	100.	1 U		1 U		1 U		1 U	
2-Hexanone	40.	5 U		5 U		5 U		5 U	
4-Chlorotoluene	24.	1 U		1 U		1 U		1 U	
4-Methyl-2-pentanone		5 U		5 U		5 U		5 U	
Acetone	6000.	**2.9**	J	5 U		5 U		5 U	
Acrolein	4.								
Acrylonitrile									
Benzene	1.	**0.78**	J	**0.77**	J				
Bromobenzene		1 U		1 U		1 U		1 U	
Bromochloromethane		1 U		1 U		1 U		1 U	
Bromodichloromethane	0.6	1 U		1 U		1 U		1 U	
Bromoform	4.	1 U		1 U		1 U		1 U	
Bromomethane	10.	1 U		1 U		1 U		1 U	
Carbon Disulfide	700.	5 U		5 U		5 U		5 U	
Carbon Tetrachloride	0.3	1 U		1 U		1 U		1 U	
Chlorobenzene	50.	1 U		1 U		1 U		1 U	
Chloroethane	3000.	1 U		1 U		1 U		1 U	
Chloroform	70.	1 U		1 U		1 U		1 U	
Chloromethane	3.	1 U		1 U		1 U		1 U	
cis-1,2-Dichloroethene	70.	1 U		1 U		**0.55**	J	**0.64**	J
cis-1,3-Dichloropropene	0.4	1 U		1 U		1 U		1 U	
Dibromochloromethane	0.4	1 U		1 U		1 U		1 U	
Dibromomethane	70.	1 U		1 U		1 U		1 U	
Dichlorodifluoromethane	1000.	1 U		1 U		1 U		1 U	
Diisopropyl ether (DIPE) (Isopropyl eth	70.	**0.46**	J	**0.51**	J				
Ethylbenzene	600.	1 U		1 U					
Hexachlorobutadiene	0.4	1 U		1 U		1 U		1 U	
Iodomethane									
Isopropylbenzene (Cumene)	70.	1 U		1 U					
Methyl Tert-butyl Ether	20.	1 U		1 U					
Methylene chloride	5.	1 U		1 U		1 U		1 U	
Naphthalene	6.	1 U		1 U					
N-Butylbenzene	70.	1 U		1 U					
N-Propylbenzene	70.	1 U		1 U					
p-Isopropyltoluene (4-Isopropyltoluene	25.	1 U		1 U					
Sec-butylbenzene	70.	1 U		1 U					
Styrene	70.	1 U		1 U		1 U		1 U	
Tert-butylbenzene	70.	1 U		1 U					
Tetrachloroethene	0.7	1 U		1 U		1 U		1 U	
Toluene	600.	1 U		1 U					
trans-1,2-Dichloroethene	100.	1 U		1 U		1 U		1 U	
trans-1,3-Dichloropropene	0.4	1 U		1 U		1 U		1 U	
trans-1,4-dichloro-2-butene									
Trichloroethene	3.	1 U		1 U		1 U		1 U	
Trichlorofluoromethane	2000.	1 U		1 U		1 U		1 U	
Vinyl Acetate	88.								
Vinyl Chloride	0.03	**5.5**		**4.8**		**5.0**		**6.1**	
Xylene (total)	500.	3U		3U					
Xylene,o-		1 U		1 U					
Xylenes,m+p-		2 U		2 U					
1,4-Dioxane (p-dioxane)	3.	**5.06**		**5.60**		**5.5**		**5.4**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-21

Chemical Parameter	NC2L 1/1/10	W-MW-21 11/1/01
1,1,1,2-Tetrachloroethane	1.	1 U
1,1,1-Trichloroethane	200.	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U
1,1,2-Trichloroethane	0.6	1 U
1,1-Dichloroethane	6.	**3**
1,1-Dichloroethene	350.	**6**
1,1-Dichloropropene		1 U
1,2,3-Trichlorobenzene		1 U
1,2,3-Trichloropropane	0.005	1 U
1,2,4-Trichlorobenzene	70.	1 U
1,2,4-Trimethylbenzene	400.	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U
1,2-Dichlorobenzene	20.	1 U
1,2-Dichloroethane	0.4	1 U
1,2-Dichloropropane	0.6	1 U
1,3,5-Trimethylbenzene	400.	1 U
1,3-Dichlorobenzene	200.	1 U
1,3-Dichloropropane		1 U
1,4-Dichlorobenzene	6.	1 U
2,2-Dichloropropane		1 U
2-Butanone (MEK)	4000.	25 U
2-Chloroethyl Vinyl Ether		5 U
2-Chlorotoluene	100.	1 U
2-Hexanone	40.	5 U
4-Chlorotoluene	24.	1 U
4-Methyl-2-pentanone		5 U
Acetone	6000.	25 U
Acrolein	4.	100 U
Acrylonitrile		100 U
Benzene	1.	1 U
Bromobenzene		1 U
Bromochloromethane		1 U
Bromodichloromethane	0.6	1 U
Bromoform	4.	1 U
Bromomethane	10.	1 U
Carbon Disulfide	700.	1 U
Carbon Tetrachloride	0.3	1 U
Chlorobenzene	50.	1 U
Chloroethane	3000.	1 U
Chloroform	70.	1 U
Chloromethane	3.	1 U
cis-1,2-Dichloroethene	70.	1 U
cis-1,3-Dichloropropene	0.4	1 U
Dibromochloromethane	0.4	1 U
Dibromomethane	70.	1 U
Dichlorodifluoromethane	1000.	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U
Ethylbenzene	600.	1 U
Hexachlorobutadiene	0.4	1 U
Iodomethane		1 U
Isopropylbenzene (Cumene)	70.	1 U
Methyl Tert-butyl Ether	20.	1 U
Methylene chloride	5.	5 U
Naphthalene	6.	1 U
N-Butylbenzene	70.	1 U
N-Propylbenzene	70.	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U
Sec-butylbenzene	70.	1 U
Styrene	70.	1 U
Tert-butylbenzene	70.	1 U
Tetrachloroethene	0.7	1 U
Toluene	600.	1 U
trans-1,2-Dichloroethene	100.	1 U
trans-1,3-Dichloropropene	0.4	1 U
trans-1,4-dichloro-2-butene		5 U
Trichloroethene	3.	1 U
Trichlorofluoromethane	2000.	1 U
Vinyl Acetate	88.	
Vinyl Chloride	0.03	1 U
Xylene (total)	500.	
Xylene,o-		1 U
Xylenes,m+p-		2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-MW-22

Chemical Parameter	NC2L 1/1/10	W-MW-22 11/1/01
1,1,1,2-Tetrachloroethane	1.	1 U
1,1,1-Trichloroethane	200.	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U
1,1,2-Trichloroethane	0.6	1 U
1,1-Dichloroethane	6.	1 U
1,1-Dichloroethene	350.	1 U
1,1-Dichloropropene		1 U
1,2,3-Trichlorobenzene		1 U
1,2,3-Trichloropropane	0.005	1 U
1,2,4-Trichlorobenzene	70.	1 U
1,2,4-Trimethylbenzene	400.	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U
1,2-Dichlorobenzene	20.	1 U
1,2-Dichloroethane	0.4	1 U
1,2-Dichloropropane	0.6	1 U
1,3,5-Trimethylbenzene	400.	1 U
1,3-Dichlorobenzene	200.	1 U
1,3-Dichloropropane		1 U
1,4-Dichlorobenzene	6.	1 U
2,2-Dichloropropane		1 U
2-Butanone (MEK)	4000.	25 U
2-Chloroethyl Vinyl Ether		5 U
2-Chlorotoluene	100.	1 U
2-Hexanone	40.	5 U
4-Chlorotoluene	24.	1 U
4-Methyl-2-pentanone		5 U
Acetone	6000.	25 U
Acrolein	4.	100 U
Acrylonitrile		100 U
Benzene	1.	**2**
Bromobenzene		1 U
Bromochloromethane		1 U
Bromodichloromethane	0.6	1 U
Bromoform	4.	1 U
Bromomethane	10.	1 U
Carbon Disulfide	700.	1 U
Carbon Tetrachloride	0.3	1 U
Chlorobenzene	50.	1 U
Chloroethane	3000.	1 U
Chloroform	70.	1 U
Chloromethane	3.	1 U
cis-1,2-Dichloroethene	70.	1 U
cis-1,3-Dichloropropene	0.4	1 U
Dibromochloromethane	0.4	1 U
Dibromomethane	70.	1 U
Dichlorodifluoromethane	1000.	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U
Ethylbenzene	600.	1 U
Hexachlorobutadiene	0.4	1 U
Iodomethane		1 U
Isopropylbenzene (Cumene)	70.	1 U
Methyl Tert-butyl Ether	20.	1 U
Methylene chloride	5.	5 U
Naphthalene	6.	1 U
N-Butylbenzene	70.	1 U
N-Propylbenzene	70.	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U
Sec-butylbenzene	70.	1 U
Styrene	70.	1 U
Tert-butylbenzene	70.	1 U
Tetrachloroethene	0.7	1 U
Toluene	600.	1 U
trans-1,2-Dichloroethene	100.	1 U
trans-1,3-Dichloropropene	0.4	1 U
trans-1,4-dichloro-2-butene		5 U
Trichloroethene	3.	1 U
Trichlorofluoromethane	2000.	1 U
Vinyl Acetate	88.	
Vinyl Chloride	0.03	1 U
Xylene (total)	500.	
Xylene,o-		1 U
Xylenes,m+p-		2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well W-PW-01

Chemical Parameter	NC2L 1/1/10	W-PW-01 8/5/94	W-MW-8 10/6/98	W-MW-8 11/18/98	W-MW-8 2/22/99
1,1,1,2-Tetrachloroethane	1.		0.66 U	40 U	0.66 U
1,1,1-Trichloroethane	200.	**440**	**290**	**450**	**380**
1,1,2,2-Tetrachloroethane	0.2		0.8 U	40 U	0.8 U
1,1,2-Trichloroethane	0.6	**3.4**	**2**	40 U	0.89 U
1,1-Dichloroethane	6.	**16**	**7**	40 U	**6**
1,1-Dichloroethene	350.	**540**	**330**	**470**	**450**
1,1-Dichloropropene			0.74 U	40 U	0.74 U
1,2,3-Trichlorobenzene		0.5 U	1.2 U	40 U	1.18 U
1,2,3-Trichloropropane	0.005	0.5 U	0.87 U	40 U	0.87 U
1,2,4-Trichlorobenzene	70.	0.5 U	1 U	40 U	1.02 U
1,2,4-Trimethylbenzene	400.	0.5 U	0.51 U	40 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04		1.2 U	200 U	1.24 U
1,2-Dibromoethane (Ethylene di	0.02		0.48 U	40 U	0.48 U
1,2-Dichlorobenzene	20.		0.78 U	40 U	0.78 U
1,2-Dichloroethane	0.4	**7.7**	**4**	40 U	0.64 U
1,2-Dichloropropane	0.6		0.48 U	40 U	0.48 U
1,3,5-Trimethylbenzene	400.	0.5 U	0.5 U	40 U	0.5 U
1,3-Dichlorobenzene	200.		0.67 U	40 U	0.67 U
1,3-Dichloropropane			0.73 U	40 U	0.73 U
1,4-Dichlorobenzene	6.		0.75 U	40 U	0.75 U
2,2-Dichloropropane			0.56 U	40 U	0.56 U
2-Butanone (MEK)	4000.		3.1 U	1000 U	3.1 U
2-Chloroethyl Vinyl Ether			0.89 U	200 U	0.89 U
2-Chlorotoluene	100.		0.51 U	40 U	0.51 U
2-Hexanone	40.		4.1 U	200 U	4.08 U
4-Chlorotoluene	24.		0.53 U	40 U	0.53 U
4-Methyl-2-pentanone			3.1 U	200 U	3.15 U
Acetone	6000.		3.9 U	1000 U	3.9 U
Acrolein	4.		25 U	4000 U	25 U
Acrylonitrile			25 U	4000 U	25 U
Benzene	1.	0.5 U	0.4 U	40 U	0.4 U
Bromobenzene			0.69 U	40 U	0.69 U
Bromochloromethane			0.75 U	40 U	0.75 U
Bromodichloromethane	0.6		0.91 U	40 U	0.91 U
Bromoform	4.		0.84 U	40 U	0.84 U
Bromomethane	10.		0.58 U	40 U	0.58 U
Carbon Disulfide	700.		1 U	40 U	1 U
Carbon Tetrachloride	0.3		0.62 U	40 U	0.62 U
Chlorobenzene	50.		0.54 U	40 U	0.54 U
Chloroethane	3000.		0.69 U	40 U	0.69 U
Chloroform	70.	**0.5**	0.67 U	40 U	0.67 U
Chloromethane	3.		0.86 U	40 U	0.86 U
cis-1,2-Dichloroethene	70.	**1.6**	**0.6 J**	40 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.67 U	40 U	0.67 U
Dibromochloromethane	0.4		0.79 U	40 U	0.79 U
Dibromomethane	70.		0.5 U	40 U	0.5 U
Dichlorodifluoromethane	1000.	**120**	32 U	200 U	**35**
Diisopropyl ether (DIPE) (Isopro	70.				
Ethylbenzene	600.	0.5 U	0.81 U	40 U	0.81 U
Hexachlorobutadiene	0.4		0.81 U	40 U	0.81 U
Iodomethane			1 U	40 U	1 U
Isopropylbenzene (Cumene)	70.	0.5 U	0.42 U	40 U	0.42 U
Methyl Tert-butyl Ether	20.		1.7 U	40 U	1.67 U
Methylene chloride	5.	0.5 U	9.7 U	200 U	9.7 U
Naphthalene	6.	0.5 U	1.7 U	40 U	1.67 U
N-Butylbenzene	70.	0.5 U	0.54 U	40 U	0.54 U
N-Propylbenzene	70.	0.5 U	0.44 U	40 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.	0.5 U	0.55 U	40 U	0.55 U
Sec-butylbenzene	70.	0.5 U	0.47 U	40 U	0.47 U
Styrene	70.		0.69 U	40 U	0.69 U
Tert-butylbenzene	70.	0.5 U	0.46 U	40 U	0.46 U
Tetrachloroethene	0.7	**0.91**	0.51 U	40 U	0.51 U
Toluene	600.	0.5 U	0.95 U	40 U	0.95 U
trans-1,2-Dichloroethene	100.	**0.67**	0.33 U	40 U	0.33 U
trans-1,3-Dichloropropene	0.4		0.81 U	40 U	0.81 U
trans-1,4-dichloro-2-butene			1 U	200 U	1 U
Trichloroethene	3.	**0.5**	0.5 U	40 U	0.5 U
Trichlorofluoromethane	2000.		0.39 U	40 U	0.39 U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	**0.22**	0.72 U	40 U	0.72 U
Xylene (total)	500.	0.5 U			
Xylene,o-			0.46 U	40 U	0.46 U
Xylenes,m+p-			0.83 U	80 U	0.83 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-1

Chemical Parameter	NC2L 1/1/10	OW-1 9/19/01	OW-1 11/21/01	OW-1 12/13/01	OW-1 1/25/02	OW-1 3/13/02	OW-1 5/20/02	OW-1 11/21/02	OW-1 5/23/03	OW-1 11/12/03	OW-1 5/12/04	OW-1 11/17/04
1,1,1,2-Tetrachloroethane	1.											
1,1,1-Trichloroethane	200.	9.4	10.8	7.4	7.8	5U	5U	11U	2.	1U		
1,1,2,2-Tetrachloroethane	0.2											
1,1,2-Trichloroethane	0.6											
1,1-Dichloroethane	6.									5.		5.73
1,1-Dichloroethene	350.	50.5	61.7	52.8	55.1	43.2	39.6	8.	29.	14.	13.	20.3
1,1-Dichloropropene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	0.005											
1,2,4-Trichlorobenzene	70.											
1,2,4-Trimethylbenzene	400.											
1,2-Dibromo-3-chloropropane	0.04											
1,2-Dibromoethane (Ethylene dit	0.02											
1,2-Dichlorobenzene	20.											
1,2-Dichloroethane	0.4											
1,2-Dichloropropane	0.6											
1,3,5-Trimethylbenzene	400.											
1,3-Dichlorobenzene	200.											
1,3-Dichloropropane												
1,4-Dichlorobenzene	6.											
2,2-Dichloropropane												
2-Butanone (MEK)	4000.									480.	1250U	
2-Chloroethyl Vinyl Ether												
2-Chlorotoluene	100.											
2-Hexanone	40.											
4-Chlorotoluene	24.											
4-Methyl-2-pentanone												
Acetone	6000.									4500.	7240.	6640.
Acrolein	4.											
Acrylonitrile												
Benzene	1.									1.		
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	0.6											
Bromoform	4.											
Bromomethane	10.											
Carbon Disulfide	700.											
Carbon Tetrachloride	0.3											
Chlorobenzene	50.											
Chloroethane	3000.											
Chloroform	70.											
Chloromethane	3.											
cis-1,2-Dichloroethene	70.											
cis-1,3-Dichloropropene	0.4											
Dibromochloromethane	0.4											
Dibromomethane	70.											
Dichlorodifluoromethane	1000.											
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.											
Hexachlorobutadiene	0.4											
Iodomethane												
Isopropylbenzene (Cumene)	70.											
Methyl Tert-butyl Ether	20.											
Methylene chloride	5.											
Naphthalene	6.											
N-Butylbenzene	70.											
N-Propylbenzene	70.											
p-Isopropyltoluene (4-Isopropylto	25.											
Sec-butylbenzene	70.											
Styrene	70.											
Tert-butylbenzene	70.											
Tetrachloroethene	0.7											
Toluene	600.									1.		
trans-1,2-Dichloroethene	100.											
trans-1,3-Dichloropropene	0.4											
trans-1,4-dichloro-2-butene												
Trichloroethene	3.											68.
Trichlorofluoromethane	2000.											
Vinyl Acetate	88.											
Vinyl Chloride	0.03	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	500.											
Xylene,o-												
Xylenes,m+p-												

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-1

Chemical Parameter	NC2L 1/1/10	OW-1 5/18/05	OW-1 11/14/05	OW-1 5/17/06	OW-1 11/14/06	OW-1 5/21/07	OW-1 11/6/07	OW-1 5/13/08	OW-1 11/4/08	OW-1 5/19/09	OW-1 11/3/09	OW-1 5/3/10
1,1,1,2-Tetrachloroethane	1.									2U	2U	2U
1,1,1-Trichloroethane	200.						1U		2U	2U	2U	2U
1,1,2,2-Tetrachloroethane	0.2									2U	2U	2U
1,1,2-Trichloroethane	0.6									2U	2U	2U
1,1-Dichloroethane	6.	4.06	4.57	4.86		3.9	2.94	2.02	2.24	**2.1**	2U	2U
1,1-Dichloroethene	350.	14.5	15.8	12.7		8.56	7.91	2U	7.9	**8.94**	2U	**6.08**
1,1-Dichloropropene										2U	2U	2U
1,2,3-Trichlorobenzene										2U	2U	2U
1,2,3-Trichloropropane	0.005									2U	2U	2U
1,2,4-Trichlorobenzene	70.									2U	2U	2U
1,2,4-Trimethylbenzene	400.									2U	2U	2U
1,2-Dibromo-3-chloropropane	0.04									10U	10U	10U
1,2-Dibromoethane (Ethylene dit	0.02									2U	2U	2U
1,2-Dichlorobenzene	20.									2U	2U	2U
1,2-Dichloroethane	0.4									2U	2U	2U
1,2-Dichloropropane	0.6									2U	2U	2U
1,3,5-Trimethylbenzene	400.									2U	2U	2U
1,3-Dichlorobenzene	200.									2U	2U	2U
1,3-Dichloropropane										2U	2U	2U
1,4-Dichlorobenzene	6.									2U	2U	2U
2,2-Dichloropropane										2U	2U	2U
2-Butanone (MEK)	4000.	321.	182.	257.	510 J	728.	2000U	951.	223.	**200**	**227**	**208**
2-Chloroethyl Vinyl Ether												
2-Chlorotoluene	100.									2U	2U	2U
2-Hexanone	40.						22.1			10U	**64.9**	10U
4-Chlorotoluene	24.									2U	2U	2U
4-Methyl-2-pentanone										10U	10U	10U
Acetone	6000.	1470.	5540.	1360.	4950.	6990.	10100.	13300.	6560.	**5450**	**2910**	**6940**
Acrolein	4.											
Acrylonitrile												
Benzene	1.									2U	2U	2U
Bromobenzene										2U	2U	2U
Bromochloromethane										2U	2U	2U
Bromodichloromethane	0.6									2U	2U	2U
Bromoform	4.									2U	2U	2U
Bromomethane	10.									2U	2U	2U
Carbon Disulfide	700.		1.33							2U	2U	2U
Carbon Tetrachloride	0.3									2U	2U	2U
Chlorobenzene	50.									2U	2U	2U
Chloroethane	3000.									2U	2U	2U
Chloroform	70.									2U	2U	2U
Chloromethane	3.									2U	2U	2U
cis-1,2-Dichloroethene	70.									2U	2U	2U
cis-1,3-Dichloropropene	0.4									2U	2U	2U
Dibromochloromethane	0.4									2U	2U	2U
Dibromomethane	70.									2U	2U	2U
Dichlorodifluoromethane	1000.									10U	10U	10U
Diisopropyl ether (DIPE) (Isopro	70.									2U	2U	2U
Ethylbenzene	600.									2U	2U	2U
Hexachlorobutadiene	0.4									2U	2U	2U
Iodomethane										2U	2U	2U
Isopropylbenzene (Cumene)	70.									2U	2U	2U
Methyl Tert-butyl Ether	20.									2U	2U	2U
Methylene chloride	5.									10U	10U	10U
Naphthalene	6.									2U	2U	2U
N-Butylbenzene	70.									2U	2U	2U
N-Propylbenzene	70.											
p-Isopropyltoluene (4-Isopropylto	25.									2U	2U	2U
Sec-butylbenzene	70.									2U	2U	2U
Styrene	70.									2U	2U	2U
Tert-butylbenzene	70.									2U	2U	2U
Tetrachloroethene	0.7									2U	2U	2U
Toluene	600.									2U	2U	2U
										2U	2U	2U
trans-1,2-Dichloroethene	100.									2U	2U	2U
trans-1,3-Dichloropropene	0.4									2U	2U	2U
trans-1,4-dichloro-2-butene										10U	10U	10U
Trichloroethene	3.	97.	94.4						2U	2U	2U	2U
Trichlorofluoromethane	2000.									2U	2U	2U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	1U	1U	1.3	1U	1.35	1U	2U	3.6	**4.54**	2U	2U
Xylene (total)	500.											
Xylene,o-										2U	2U	2U
Xylenes,m+p-										4U	4U	4U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-1

Chemical Parameter	NC2L 1/1/10	OW-1 11/1/10	OW-1 5/13/11	OW-1 11/1/11
1,1,1,2-Tetrachloroethane	1.	20 U	20 U	50 U
1,1,1-Trichloroethane	200.	20 U	20 U	50 U
1,1,2,2-Tetrachloroethane	0.2	20 U	20 U	50 U
1,1,2-Trichloroethane	0.6	20 U	20 U	50 U
1,1-Dichloroethane	6.	20 U	20 U	50 U
1,1-Dichloroethene	350.	**10 J**	20 U	50 U
1,1-Dichloropropene		20 U	20 U	50 U
1,2,3-Trichlorobenzene		20 U	20 U	50 U
1,2,3-Trichloropropane	0.005	20 U	20 U	50 U
1,2,4-Trichlorobenzene	70.	20 U	20 U	50 U
1,2,4-Trimethylbenzene	400.	20 U	20 U	50 U
1,2-Dibromo-3-chloropropane	0.04	100 U	100 U	50 U
1,2-Dibromoethane (Ethylene dit	0.02	20 U	20 U	50 U
1,2-Dichlorobenzene	20.	20 U	20 U	50 U
1,2-Dichloroethane	0.4	20 U	20 U	50 U
1,2-Dichloropropane	0.6	20 U	20 U	50 U
1,3,5-Trimethylbenzene	400.	20 U	20 U	50 U
1,3-Dichlorobenzene	200.	20 U	20 U	50 U
1,3-Dichloropropane		20 U	20 U	50 U
1,4-Dichlorobenzene	6.	20 U	20 U	50 U
2,2-Dichloropropane		20 U	20 U	50 U
2-Butanone (MEK)	4000.	**210**	**270**	**200 J**
2-Chloroethyl Vinyl Ether				
2-Chlorotoluene	100.	20 U	20 U	50 U
2-Hexanone	40.	100 U	**260**	250 U
4-Chlorotoluene	24.	20 U	20 U	50 U
4-Methyl-2-pentanone		100 U	100 U	250 U
Acetone	6000.	**5700**	**5800**	**12000**
Acrolein	4.			
Acrylonitrile				
Benzene	1.	20 U	20 U	50 U
Bromobenzene		20 U	20 U	50 U
Bromochloromethane		20 U	20 U	50 U
Bromodichloromethane	0.6	20 U	20 U	50 U
Bromoform	4.	20 U	20 U	50 U
Bromomethane	10.	20 U	20 U	50 U
Carbon Disulfide	700.	20 U	20 U	50 U
Carbon Tetrachloride	0.3	20 U	20 U	50 U
Chlorobenzene	50.	20 U	20 U	50 U
Chloroethane	3000.	20 U	20 U	50 U
Chloroform	70.	20 U	20 U	50 U
Chloromethane	3.	20 U	20 U	50 U
cis-1,2-Dichloroethene	70.	20 U	20 U	50 U
cis-1,3-Dichloropropene	0.4	20 U	20 U	50 U
Dibromochloromethane	0.4	20 U	20 U	50 U
Dibromomethane	70.	20 U	20 U	50 U
Dichlorodifluoromethane	1000.	100 U	100 U	50 U
Diisopropyl ether (DIPE) (Isopro	70.	20 U	20 U	50 U
Ethylbenzene	600.	20 U	20 U	50 U
Hexachlorobutadiene	0.4	20 U	20 U	50 U
Iodomethane		20 U	20 U	50 U
Isopropylbenzene (Cumene)	70.	20 U	20 U	50 U
Methyl Tert-butyl Ether	20.	20 U	20 U	50 U
Methylene chloride	5.	10U	10U	50 U
Naphthalene	6.	20 U	20 U	50 U
N-Butylbenzene	70.	20 U	20 U	50 U
N-Propylbenzene	70.			
p-Isopropyltoluene (4-Isopropylto	25.	20 U	20 U	50 U
Sec-butylbenzene	70.	20 U	20 U	50 U
Styrene	70.	20 U	20 U	50 U
Tert-butylbenzene	70.	20 U	20 U	50 U
Tetrachloroethene	0.7	20 U	20 U	50 U
Toluene	600.	20 U	20 U	50 U
		20 U	20 U	50 U
trans-1,2-Dichloroethene	100.	20 U	20 U	50 U
trans-1,3-Dichloropropene	0.4	20 U	20 U	50 U
trans-1,4-dichloro-2-butene		100 U		
Trichloroethene	3.	20 U	20 U	50 U
Trichlorofluoromethane	2000.	20 U	20 U	50 U
Vinyl Acetate	88.			
Vinyl Chloride	0.03	20 U	20 U	50 U
Xylene (total)	500.			
Xylene,o-		20 U	20 U	50 U
Xylenes,m+p-		40 U	40 U	150 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-2

Chemical Parameter	NC2L 1/1/10	OW-2 9/19/01	OW-2 11/21/01	OW-2 12/13/01	OW-2 1/25/02	OW-2 3/13/02	OW-2 5/20/02	OW-2 11/21/02	OW-2 5/23/03	OW-2 11/12/03	OW-2 11/12/03	OW-2 5/12/04
1,1,1,2-Tetrachloroethane	1.											
1,1,1-Trichloroethane	200.	15.6	21.4	10.	13.	12.7	6.75	13.	4.	3.	3.	
1,1,2,2-Tetrachloroethane	0.2											
1,1,2-Trichloroethane	0.6											
1,1-Dichloroethane	6.	11.2	14.9	17.	20.5	18.	17.15	18.	11.	11.	12.	
1,1-Dichloroethene	350.	91.6	124.	106.	123.	120.	137.	28.	18.	10.	15.	1.76
1,1-Dichloropropene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	0.005											
1,2,4-Trichlorobenzene	70.											
1,2,4-Trimethylbenzene	400.											
1,2-Dibromo-3-chloropropane	0.04											
1,2-Dibromoethane (Ethylene dit	0.02											
1,2-Dichlorobenzene	20.											
1,2-Dichloroethane	0.4											
1,2-Dichloropropane	0.6											
1,3,5-Trimethylbenzene	400.											
1,3-Dichlorobenzene	200.											
1,3-Dichloropropane												
1,4-Dichlorobenzene	6.											
2,2-Dichloropropane												
2-Butanone (MEK)	4000.									230.	170.	100U
2-Chloroethyl Vinyl Ether												
2-Chlorotoluene	100.											
2-Hexanone	40.											
4-Chlorotoluene	24.											
4-Methyl-2-pentanone												
Acetone	6000.									440.	330.	176.
Acrolein	4.											
Acrylonitrile												
Benzene	1.											
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	0.6											
Bromoform	4.											
Bromomethane	10.											
Carbon Disulfide	700.											
Carbon Tetrachloride	0.3											
Chlorobenzene	50.											
Chloroethane	3000.											
Chloroform	70.											
Chloromethane	3.											
cis-1,2-Dichloroethene	70.											
cis-1,3-Dichloropropene	0.4											
Dibromochloromethane	0.4											
Dibromomethane	70.											
Dichlorodifluoromethane	1000.									22.	28.	
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.											
Hexachlorobutadiene	0.4											
Iodomethane												
Isopropylbenzene (Cumene)	70.											
Methyl Tert-butyl Ether	20.											
Methylene chloride	5.											
Naphthalene	6.											
N-Butylbenzene	70.											
N-Propylbenzene	70.											
p-Isopropyltoluene (4-Isopropylto	25.											
Sec-butylbenzene	70.											
Styrene	70.											
Tert-butylbenzene	70.											
Tetrachloroethene	0.7											
Toluene	600.											
trans-1,2-Dichloroethene	100.											
trans-1,3-Dichloropropene	0.4											
trans-1,4-dichloro-2-butene												
Trichloroethene	3.											
Trichlorofluoromethane	2000.											
Vinyl Acetate	88.											
Vinyl Chloride	0.03	1U	1U	1U	1U	1U	1U	58.	41.	47.	47.	21.2
Xylene (total)	500.											
Xylene,o-												
Xylenes,m+p-												

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-2

Chemical Parameter	NC2L 1/1/10	OW-2 11/17/04	OW-2 5/18/05	OW-2 11/14/05	OW-2 5/17/06	OW-2 11/14/06	OW-2 5/21/07	OW-2 11/6/07	OW-2 5/13/08	OW-2 11/3/08	OW-2 5/19/09	OW-2 11/2/09
1,1,1,2-Tetrachloroethane	1.										1U	1U
1,1,1-Trichloroethane	200.					0.33 J	1U		1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	0.2										1U	1U
1,1,2-Trichloroethane	0.6										1U	1U
1,1-Dichloroethane	6.	2.49				1.25	1U	1.98	1U	1U	1U	1U
1,1-Dichloroethene	350.	1.52				0.76 J	1U	1U	1U	1U	1U	1U
1,1-Dichloropropene											1U	1U
1,2,3-Trichlorobenzene											1U	1U
1,2,3-Trichloropropane	0.005										1U	1U
1,2,4-Trichlorobenzene	70.										1U	1U
1,2,4-Trimethylbenzene	400.										1U	1U
1,2-Dibromo-3-chloropropane	0.04										5U	5U
1,2-Dibromoethane (Ethylene dit	0.02										1U	1U
1,2-Dichlorobenzene	20.										1U	1U
1,2-Dichloroethane	0.4										1U	1U
1,2-Dichloropropane	0.6										1U	1U
1,3,5-Trimethylbenzene	400.										1U	1U
1,3-Dichlorobenzene	200.										1U	1U
1,3-Dichloropropane											1U	1U
1,4-Dichlorobenzene	6.										1U	1U
2,2-Dichloropropane											1U	1U
2-Butanone (MEK)	4000.		25U	25U				25U			25U	25U
2-Chloroethyl Vinyl Ether												
2-Chlorotoluene	100.										1U	1U
2-Hexanone	40.										5U	5U
4-Chlorotoluene	24.										1U	1U
4-Methyl-2-pentanone											5U	5U
Acetone	6000.		38.1	1040.		4.92		25U			25U	25U
Acrolein	4.											
Acrylonitrile												
Benzene	1.										1U	1U
Bromobenzene											1U	1U
Bromochloromethane											1U	1U
Bromodichloromethane	0.6										1U	1U
Bromoform	4.										1U	1U
Bromomethane	10.										1U	1U
Carbon Disulfide	700.										1U	1U
Carbon Tetrachloride	0.3										1U	1U
Chlorobenzene	50.										1U	1U
Chloroethane	3000.	6.47	4.68	2.8	1.63	3.62		2.43	1U	1U	1U	1U
Chloroform	70.										1U	1U
Chloromethane	3.										1U	1U
cis-1,2-Dichloroethene	70.										1U	1U
cis-1,3-Dichloropropene	0.4										1U	1U
Dibromochloromethane	0.4										1U	1U
Dibromomethane	70.										1U	1U
Dichlorodifluoromethane	1000.					0.55 J				1U	5U	5U
Diisopropyl ether (DIPE) (Isopro	70.										1U	1U
Ethylbenzene	600.										1U	1U
Hexachlorobutadiene	0.4										1U	1U
Iodomethane											1U	1U
Isopropylbenzene (Cumene)	70.										1U	1U
Methyl Tert-butyl Ether	20.										1U	1U
Methylene chloride	5.										5U	5U
Naphthalene	6.										1U	1U
N-Butylbenzene	70.										1U	1U
N-Propylbenzene	70.										1U	1U
p-Isopropyltoluene (4-Isopropylto	25.										1U	1U
Sec-butylbenzene	70.										1U	1U
Styrene	70.										1U	1U
Tert-butylbenzene	70.										1U	1U
Tetrachloroethene	0.7										1U	1U
Toluene	600.					0.68 J					1U	1U
trans-1,2-Dichloroethene	100.										1U	1U
trans-1,3-Dichloropropene	0.4										1U	1U
trans-1,4-dichloro-2-butene											5U	5U
Trichloroethene	3.	2.87	2.99	5.58			1U		1U	1U	1U	1U
Trichlorofluoromethane	2000.										1U	1U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	31.6	12.7	9.96	4.77	16.8	3.89	11.7	1.63	1U	3.23	1.48
Xylene (total)	500.											
Xylene,o-											1U	1U
Xylenes,m+p-											2U	2U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-2

Chemical Parameter	NC2L 1/1/10	OW-2 5/3/10	OW-2 11/1/10	OW-2 5/12/11	OW-2 11/1/11
1,1,1,2-Tetrachloroethane	1.	1U	1U	1U	1U
1,1,1-Trichloroethane	200.	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	0.2	1U	1U	1U	1U
1,1,2-Trichloroethane	0.6	1U	1U	1U	1U
1,1-Dichloroethane	6.	**1.85**	1U	1U	**0.47 J**
1,1-Dichloroethene	350.	1U	1U	1U	1U
1,1-Dichloropropene		1U	1U	1U	1U
1,2,3-Trichlorobenzene		1U	1U	1U	1U
1,2,3-Trichloropropane	0.005	1U	1U	1U	1U
1,2,4-Trichlorobenzene	70.	1U	1U	1U	1U
1,2,4-Trimethylbenzene	400.	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	0.04	5U	5U	5U	5U
1,2-Dibromoethane (Ethylene dit	0.02	1U	1U	1U	1U
1,2-Dichlorobenzene	20.	1U	1U	1U	1U
1,2-Dichloroethane	0.4	1U	1U	1U	1U
1,2-Dichloropropane	0.6	1U	1U	1U	1U
1,3,5-Trimethylbenzene	400.	1U	1U	1U	1U
1,3-Dichlorobenzene	200.	1U	1U	1U	1U
1,3-Dichloropropane		1U	1U	1U	1U
1,4-Dichlorobenzene	6.	1U	1U	1U	1U
2,2-Dichloropropane		1U	1U	1U	1U
2-Butanone (MEK)	4000.	25U	25U	25U	5U
2-Chloroethyl Vinyl Ether					
2-Chlorotoluene	100.	1U	1U	1U	1U
2-Hexanone	40.	5U	5U	5U	5U
4-Chlorotoluene	24.	1U	1U	1U	1U
4-Methyl-2-pentanone		5U	5U	5U	5U
Acetone	6000.	25U	**3.2 J**	5U	**63**
Acrolein	4.				
Acrylonitrile					
Benzene	1.	1U	1U	1U	1U
Bromobenzene		1U	1U	1U	1U
Bromochloromethane		1U	1U	1U	1U
Bromodichloromethane	0.6	1U	1U	1U	1U
Bromoform	4.	1U	1U	1U	1U
Bromomethane	10.	1U	1U	1U	1U
Carbon Disulfide	700.	1U	1U	1U	1U
Carbon Tetrachloride	0.3	1U	1U	1U	1U
Chlorobenzene	50.	1U	1U	1U	1U
Chloroethane	3000.	1U	1U	1U	1U
Chloroform	70.	1U	1U	1U	1U
Chloromethane	3.	1U	1U	1U	1U
cis-1,2-Dichloroethene	70.	1U	1U	1U	1U
cis-1,3-Dichloropropene	0.4	1U	1U	1U	1U
Dibromochloromethane	0.4	1U	1U	1U	1U
Dibromomethane	70.	1U	1U	1U	1U
Dichlorodifluoromethane	1000.	5U	5U	5U	5U
Diisopropyl ether (DIPE) (Isopro	70.	1U	1U	1U	1U
Ethylbenzene	600.	1U	1U	1U	1U
Hexachlorobutadiene	0.4	1U	1U	1U	1U
Iodomethane		1U	1U	1U	1U
Isopropylbenzene (Cumene)	70.	1U	1U	1U	1U
Methyl Tert-butyl Ether	20.	1U	1U	1U	1U
Methylene chloride	5.	5U	5U	5U	5U
Naphthalene	6.	1U	1U	1U	1U
N-Butylbenzene	70.	1U	1U	1U	1U
N-Propylbenzene	70.	1U	1U	1U	1U
p-Isopropyltoluene (4-Isopropylto	25.	1U	1U	1U	1U
Sec-butylbenzene	70.	1U	1U	1U	1U
Styrene	70.	1U	1U	1U	1U
Tert-butylbenzene	70.	1U	1U	1U	1U
Tetrachloroethene	0.7	1U	1U	1U	1U
Toluene	600.	1U	1U	1U	1U
trans-1,2-Dichloroethene	100.	1U	1U	1U	1U
trans-1,3-Dichloropropene	0.4	1U	1U	1U	1U
trans-1,4-dichloro-2-butene		5U	5U	5U	5U
Trichloroethene	3.	1U	1U	1U	1U
Trichlorofluoromethane	2000.	1U	1U	1U	1U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	**8.04**	1U	1U	**1.2**
Xylene (total)	500.				
Xylene,o-		1U	1U	1U	1U
Xylenes,m+p-		2U	2U	2U	2U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-3

Chemical Parameter	NC2L 1/1/10	Chemical Parameter	NC2L	OW-3 9/18/01	OW-3 11/20/01	OW-3 12/12/01	OW-3 1/25/02	OW-3 3/13/02	OW-3 5/20/02	OW-3 11/21/02
1,1,1,2-Tetrachloroethane	1.	1,1,1,2-Tetrachloroethane								
1,1,1-Trichloroethane	200.	1,1,1-Trichloroethane	200.	26.	31.8	28.3	26.9	29.9	24.5	20.
1,1,2,2-Tetrachloroethane	0.2	1,1,2,2-Tetrachloroethane								
1,1,2-Trichloroethane	0.6	1,1,2-Trichloroethane								
1,1-Dichloroethane	6.	1,1-Dichloroethane	6.	7.8	9.1	9.2	13.1	9.9	11.6	13.
1,1-Dichloroethene	350.	1,1-Dichloroethene	7.	106.	132.	128.	140.	137.	137.	92.
1,1-Dichloropropene		1,1-Dichloropropene								
1,2,3-Trichlorobenzene		1,2,3-Trichlorobenzene								
1,2,3-Trichloropropane	0.005	1,2,3-Trichloropropane	0.005							
1,2,4-Trichlorobenzene	70.	1,2,4-Trichlorobenzene								
1,2,4-Trimethylbenzene	400.	1,2,4-Trimethylbenzene	400.							
1,2-Dibromo-3-chloropropane	0.04	1,2-Dibromo-3-chloropropane	0.025							
1,2-Dibromoethane (Ethylene dibro	0.02	1,2-Dibromoethane								
1,2-Dichlorobenzene	20.	1,2-Dichlorobenzene	620.							
1,2-Dichloroethane	0.4	1,2-Dichloroethane	0.38							
1,2-Dichloropropane	0.6	1,2-Dichloropropane	0.56							
1,3,5-Trimethylbenzene	400.	1,3,5-Trimethylbenzene	350.							
1,3-Dichlorobenzene	200.	1,3-Dichlorobenzene	620.							
1,3-Dichloropropane		1,3-Dichloropropane								
1,4-Dichlorobenzene	6.	1,4-Dichlorobenzene	75.							
2,2-Dichloropropane		2,2-Dichloropropane								
2-Butanone (MEK)	4000.	2-Butanone	170.							
2-Chloroethyl Vinyl Ether		2-Chloroethyl Vinyl Ether								
2-Chlorotoluene	100.	2-Chlorotoluene								
2-Hexanone	40.	2-Hexanone								
4-Chlorotoluene	24.	4-Chlorotoluene								
4-Methyl-2-pentanone		4-Methyl-2-pentanone								
Acetone	6000.	Acetone	700.							
Acrolein	4.	Acrolein								
Acrylonitrile		Acrylonitrile								
Benzene	1.	Benzene	1.							
Bromobenzene		Bromobenzene								
Bromochloromethane		Bromochloromethane								
Bromodichloromethane	0.6	Bromodichloromethane	0.6							
Bromoform	4.	Bromoform	0.19							
Bromomethane	10.	Bromomethane								
Carbon Disulfide	700.	Carbon Disulfide	700.							
Carbon Tetrachloride	0.3	Carbon Tetrachloride	0.3							
Chlorobenzene	50.	Chlorobenzene	50.							
Chloroethane	3000.	Chloroethane								
Chloroform	70.	Chloroform	0.19							
Chloromethane	3.	Chloromethane	2.6							
cis-1,2-Dichloroethene	70.	cis-1,2-Dichloroethene								
cis-1,3-Dichloropropene	0.4	cis-1,3-Dichloropropene	0.2							
Dibromochloromethane	0.4	Dibromochloromethane								
Dibromomethane	70.	Dibromomethane								
Dichlorodifluoromethane	1000.	Dichlorodifluoromethane	1000.	57.3	71.6	56.6	1U	1U	1U	120.
Diisopropyl ether (DIPE) (Isopropyl	70.	Diisopropyl ether (DIPE)	70.							
Ethylbenzene	600.	Ethylbenzene	29.							
Hexachlorobutadiene	0.4	Hexachlorobutadiene								
Iodomethane		Iodomethane								
Isopropylbenzene (Cumene)	70.	Isopropylbenzene	70.							
Methyl Tert-butyl Ether	20.	Methyl Tert-butyl Ether	200.							
Methylene chloride	5.	Methylene chloride	5.							
Naphthalene	6.	Naphthalene	21.							
N-Butylbenzene	70.	N-Butylbenzene								
N-Propylbenzene	70.	N-Propylbenzene	70.							
p-Isopropyltoluene (4-Isopropyltolu	25.	p-Isopropyltoluene								
Sec-butylbenzene	70.	Sec-butylbenzene	70.							
Styrene	70.	Styrene	100.							
Tert-butylbenzene	70.	Tert-butylbenzene	70.							
Tetrachloroethene	0.7	Tetrachloroethene	0.7							
Toluene	600.	Toluene	1000.							
trans-1,2-Dichloroethene	100.	trans-1,2-Dichloroethene	70.							
trans-1,3-Dichloropropene	0.4	trans-1,3-Dichloropropene	0.2							
trans-1,4-dichloro-2-butene		trans-1,4-dichloro-2-butene								
Trichloroethene	3.	Trichloroethene	2.8							
Trichlorofluoromethane	2000.	Trichlorofluoromethane	2100.							
Vinyl Acetate	88.	Vinyl Acetate								
Vinyl Chloride	0.03	Vinyl Chloride	0.03	1U	1U	1U	1U	1U	2.6	45.
Xylene (total)	500.	Xylene (total)	500.							
Xylene,o-		Xylene,o-								
Xylenes,m+p-		Xylenes,m+p-								

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-3

Chemical Parameter	NC2L	OW-3 5/23/03	OW-3 11/13/03	OW-3 5/12/04	OW-3 11/17/04	OW-3 5/18/05	OW-3 11/14/05	OW-3 5/17/06	OW-3 11/14/06	OW-3 5/21/07	OW-3 11/6/07	OW-3 5/13/08
1,1,1,2-Tetrachloroethane												
1,1,1-Trichloroethane	200.	10.	12.	3.5	2.34	1U	6.01	1U	8.13	4.78	15.	10.4
1,1,2,2-Tetrachloroethane												
1,1,2-Trichloroethane									0.35 J			
1,1-Dichloroethane	6.	7.	9.	6.3	4.35	1.11	4.86	1U	5.65	5.2	7.31	5.21
1,1-Dichloroethene	7.	69.	44.	14.2	3.9	2.23	11.8	1U	25.	9.42	42.9	1U
1,1-Dichloropropene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	0.005											
1,2,4-Trichlorobenzene												
1,2,4-Trimethylbenzene	400.											
1,2-Dibromo-3-chloropropane	0.025											
1,2-Dibromoethane												
1,2-Dichlorobenzene	620.											
1,2-Dichloroethane	0.38		1.						0.76 J			
1,2-Dichloropropane	0.56											
1,3,5-Trimethylbenzene	350.											
1,3-Dichlorobenzene	620.											
1,3-Dichloropropane												
1,4-Dichlorobenzene	75.											
2,2-Dichloropropane												
2-Butanone	170.										25U	
2-Chloroethyl Vinyl Ether												
2-Chlorotoluene												
2-Hexanone												
4-Chlorotoluene												
4-Methyl-2-pentanone												
Acetone	700.						32.5				25U	
Acrolein												
Acrylonitrile												
Benzene	1.											
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	0.6											
Bromoform	0.19											
Bromomethane												
Carbon Disulfide	700.											
Carbon Tetrachloride	0.3											
Chlorobenzene	50.											
Chloroethane							1.59		1.01			1U
Chloroform	0.19											
Chloromethane	2.6											
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene	0.2											
Dibromochloromethane												
Dibromomethane												
Dichlorodifluoromethane	1000.	39	43.	15.1	13.5	5U	14.9		15.5	9.65	24.9	16.7
Diisopropyl ether (DIPE)	70.											
Ethylbenzene	29.											
Hexachlorobutadiene												
Iodomethane												
Isopropylbenzene	70.											
Methyl Tert-butyl Ether	200.								0.37 J			
Methylene chloride	5.								0.19 J			
Naphthalene	21.											
N-Butylbenzene												
N-Propylbenzene	70.											
p-Isopropyltoluene												
Sec-butylbenzene	70.											
Styrene	100.											
Tert-butylbenzene	70.											
Tetrachloroethene	0.7											
Toluene	1000.											
trans-1,2-Dichloroethene	70.											
trans-1,3-Dichloropropene	0.2											
trans-1,4-dichloro-2-butene												
Trichloroethene	2.8											
Trichlorofluoromethane	2100.											
Vinyl Acetate												
Vinyl Chloride	0.03	14.	35.	24.1	29.8	1U	37.3	1U	33.3	2.2	37.8	39.8
Xylene (total)	500.											
Xylene,o-												
Xylenes,m+p-												

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well OW-3

Chemical Parameter	NC2L	OW-3 11/4/08	OW-3 5/19/09	OW-3 11/2/09	OW-3 5/3/10	OW-3 11/1/10	OW-3 5/12/11	OW-3 11/1/11
1,1,1,2-Tetrachloroethane			1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	200.	1U	1U	1U	**1.17**	**1.17**	**1**	1U
1,1,2,2-Tetrachloroethane			1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane		1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	6.	1U	1U	1U	1U	1U	**1.1**	**0.86 J**
1,1-Dichloroethene	7.	1U	1U	1U	**4.43**	1U	**0.96 J**	1U
1,1-Dichloropropene			1U	1U	1U	1U	1U	1U
1,2,3-Trichlorobenzene			1U	1U	1U	1U	1U	1U
1,2,3-Trichloropropane	0.005		1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene			1U	1U	1U	1U	1U	1U
1,2,4-Trimethylbenzene	400.		1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane	0.025		5U	5U	5U	5U	5U	5U
1,2-Dibromoethane			1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	620.		1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	0.38	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	0.56		1U	1U	1U	1U	1U	1U
1,3,5-Trimethylbenzene	350.		1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	620.		1U	1U	1U	1U	1U	1U
1,3-Dichloropropane			1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	75.		1U	1U	1U	1U	1U	1U
2,2-Dichloropropane			1U	1U	1U	1U	1U	1U
2-Butanone	170.		25U	25U	25U	25U	25U	25U
2-Chloroethyl Vinyl Ether								
2-Chlorotoluene			1U	1U	1U	1U	1U	1U
2-Hexanone			5U	5U	5U	5U	5U	5U
4-Chlorotoluene			1U	1U	1U	1U	1U	1U
4-Methyl-2-pentanone			5U	5U	5U	5U	5U	5U
Acetone	700.		25U	25U	25U	**2.4 J**	5U	5U
Acrolein								
Acrylonitrile								
Benzene	1.		1U	1U	1U	1U	1U	1U
Bromobenzene			1U	1U	1U	1U	1U	1U
Bromochloromethane			1U	1U	1U	1U	1U	1U
Bromodichloromethane	0.6		1U	1U	1U	1U	1U	1U
Bromoform	0.19		**1.13**	1U	1U	1U	1U	1U
Bromomethane			1U	1U	1U	1U	1U	1U
Carbon Disulfide	700.		1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	0.3		1U	1U	1U	1U	1U	1U
Chlorobenzene	50.		1U	1U	1U	1U	1U	1U
Chloroethane			1U	1U	1U	1U	1U	1U
Chloroform	0.19		1U	1U	1U	1U	1U	1U
Chloromethane	2.6		1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene			1U	1U	1U	1U	1U	1U
cis-1,3-Dichloropropene	0.2		1U	1U	1U	1U	1U	1U
Dibromochloromethane			1U	1U	1U	1U	1U	1U
Dibromomethane			1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane	1000.	5U	5U	5U	5U	5U	**1.7**	**0.71 J**
Diisopropyl ether (DIPE)	70.		1U	1U	1U	1U	1U	1U
Ethylbenzene	29.		1U	1U	1U	1U	1U	1U
Hexachlorobutadiene			1U	1U	1U	1U	1U	1U
Iodomethane			1U	1U	1U	1U	1U	1U
Isopropylbenzene	70.		1U	1U	1U	1U	1U	1U
Methyl Tert-butyl Ether	200.		1U	1U	1U	1U	1U	1U
Methylene chloride	5.		5U	5U	5U	5U	5U	5U
Naphthalene	21.		1U	1U	1U	1U	1U	1U
N-Butylbenzene			1U	1U	1U	1U	1U	1U
N-Propylbenzene	70.		1U	1U	1U	1U	1U	1U
p-Isopropyltoluene			1U	1U	1U	1U	1U	1U
Sec-butylbenzene	70.		1U	1U	1U	1U	1U	1U
Styrene	100.		1U	1U	1U	1U	1U	1U
Tert-butylbenzene	70.		1U	1U	1U	1U	1U	1U
Tetrachloroethene	0.7		1U	1U	1U	1U	1U	1U
Toluene	1000.		1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	70.		1U	1U	1U	1U	1U	1U
trans-1,3-Dichloropropene	0.2		1U	1U	1U	1U	1U	1U
trans-1,4-dichloro-2-butene			5U	5U	5U	5U	5U	5U
Trichloroethene	2.8		1U	1U	1U	1U	1U	1U
Trichlorofluoromethane	2100.		1U	1U	1U	1U	1U	1U
Vinyl Acetate								
Vinyl Chloride	0.03	1U	**3.23**	1U	1U	1U	1U	1U
Xylene (total)	500.							
Xylene,o-			1U	1U	1U	1U	1U	1U
Xylenes,m+p-			2U	2U	2U	2U	2U	2U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well AD-50

Chemical Parameter	NC2L 1/1/10	AD-50 1/15/93	AD-50 4/14/93	AD-50 7/27/93	AD-50 3/30/94	D-50-Replica 3/30/94	AD-50 3/22/95	D-50-Replica 3/22/95	AD-50 7/19/95	AD-50 10/25/95	AD-50 1/30/96	AD-50 4/22/96
1,1,1,2-Tetrachloroethane	1.	1 U		1 U		1 U	0.13 U	0.13 U	0.12 U	0.13 U	0.24 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	0.21 U	1 U	0.8 U	0.8 U	0.1 U	0.08 U	0.11 U	1 U
1,1,2,2-Tetrachloroethane	0.2		1 U		0.16 U	1 U	0.011 U	0.011 U	0.5 U	0.11 U	0.17 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	0.21 U	1 U	0.1 U	0.1 U	0.014 U	0.1 U	0.27 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	0.21 U	1 U	**0.35 J**	**0.35 J**	**0.21**	**0.41 J**	**0.5**	**0.42 J**
1,1-Dichloroethene	350.	**3**	**2**	**2**	**1.81**	**6.1**	**1.59**	**1.61**	**1.89**	**2.32**	**2.68**	**2.2**
1,1-Dichloropropene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	0.005					1 U	0.12 U	0.12 U	0.14 U	0.12 U	0.33 U	1 U
1,2,4-Trichlorobenzene	70.											
1,2,4-Trimethylbenzene	400.											
1,2-Dibromo-3-chloropropane	0.04											
1,2-Dibromoethane (Ethylene di	0.02											
1,2-Dichlorobenzene	20.											
1,2-Dichloroethane	0.4	1 U	1 U	1 U	0.23 U	1 U	0.12 U	0.12 U	1 U	0.12 U	0.19 U	1 U
1,2-Dichloropropane	0.6		1 U		0.21 U	1 U	0.1 U	0.1 U	0.08 U	0.1 U	0.2 U	1 U
1,3,5-Trimethylbenzene	400.											
1,3-Dichlorobenzene	200.											
1,3-Dichloropropane												
1,4-Dichlorobenzene	6.											
2,2-Dichloropropane												
2-Butanone (MEK)	4000.											
2-Chloroethyl Vinyl Ether												
2-Chlorotoluene	100.											
2-Hexanone	40.											
4-Chlorotoluene	24.											
4-Methyl-2-pentanone												
Acetone	6000.		5 U		0.52 U		0.1 U	0.1 U	0.18 U	0.1 U	1 U	1 U
Acrolein	4.											
Acrylonitrile												
Benzene	1.		1 U	1 U	0.2 U	1 U	0.08 U	0.08 U	0.04 U	0.08 U	0.11 U	1 U
Bromobenzene							0.21 U	0.21 U	0.18 U	0.21 U	0.09 U	1 U
Bromochloromethane												
Bromodichloromethane	0.6		1 U		0.22 U	1 U						
Bromoform	4.		1 U		0.23 U	1 U	0.12 U	0.12 U	0.1 U	0.12 U	0.31 U	1 U
Bromomethane	10.		2 U		0.65	1 U	0.08 U	0.08 U	0.22 U	0.08 U	0.11 U	1 U
Carbon Disulfide	700.		1 U		0.18 U							
Carbon Tetrachloride	0.3		1 U		0.22 U	1 U	0.08 U	0.08 U	0.18 U	0.08 U	0.07 U	1 U
Chlorobenzene	50.		1 U	1 U	0.017 U	1 U	0.05 U	0.05 U	0.24 U	0.05 U	0.24 U	1 U
Chloroethane	3000.		2 U		0.021 U	1 U	0.17 U	0.17 U	0.1 U	0.17 U	0.09 U	1 U
Chloroform	70.	1 U	1 U	1 U	0.16 U	1 U	0.12 U	0.12 U	0.14 U	0.12 U	0.07 U	1 U
Chloromethane	3.		2 U		0.22 U	1 U	0.11 U	0.11 U	0.52 U	0.11 U	0.07 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U			0.17 J	0.15 J	0.14 U	0.21 J	0.28 U	0.21 J
cis-1,3-Dichloropropene	0.4		1 U		0.2	1 U	0.09 U	0.09 U	0.12 U	0.09 U	0.25 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	0.19 U	1 U	0.12 U	0.12 U	0.08 U	0.12 U	0.27 U	1 U
Dibromomethane	70.					1 U	0.22 U	0.22 U	0.08 U	0.22 U	0.22 U	1 U
Dichlorodifluoromethane	1000.					**320**	**23.8**	**26.4**	**70.7**	**35.4**	**28.7**	**21**
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.		1 U	1 U	0.22 U	1 U	0.05 U	0.05 U	0.04 U	0.05 U	0.2 U	1 U
Hexachlorobutadiene	0.4											
Iodomethane												
Isopropylbenzene (Cumene)	70.											
Methyl Tert-butyl Ether	20.											
Methylene chloride	5.		1 U	1 U	0.21 U	1 U	0.8 J,B	0.07 J,B	0.18 U	0.07 J	0.14	1 U
Naphthalene	6.											
N-Butylbenzene	70.											
N-Propylbenzene	70.											
p-Isopropyltoluene (4-Isopropylt	25.											
Sec-butylbenzene	70.											
Styrene	70.											
Tert-butylbenzene	70.											
Tetrachloroethene	0.7	1 U	1 U	1 U	**0.32**	1 U	**0.16**	**0.16**	**0.2**	**0.25**	**0.28**	**0.26 J**
Tetrahydrofuran							0.1 U	0.1 U	2 U	0.1 U	0.19 U	1 U
Toluene	600.		1 U	1 U	0.21 U	1 U	0.05 U	0.05 U	0.04 U	0.05 U	0.19 U	1 U
trans-1,2-Dichloroethene	100.											
trans-1,3-Dichloropropene	0.4		1 U		0.21 U	1 U	0.1 U	0.1 U	0.14 U	0.1 U	0.27 U	1 U
trans-1,4-dichloro-2-butene												
Trichloroethene	3.	1 U	1 U	1 U	**0.81**	1 U	**0.6**	**0.59**	**0.49**	**0.5**	**0.63**	**0.51 J**
Trichlorofluoromethane	2000.		1 U	1 U	0.27 U	1 U	0.21 U	0.21 U	0.12 U	0.21 U	0.04 U	1 U
Vinyl Acetate	88.	1 U	2 U	1 U	0.22 U	1 U	0.17 U	0.17 U	0.21 U	0.17 U	0.08 U	1 U
Vinyl Chloride	0.03		1 U	1 U	0.47 U		0.11 U	1.45	0.08 U	0.11 U	0.43 U	2 U
Xylene (total)	500.											
Xylene,o-												
Xylenes,m+p-												

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well AD-50

Chemical Parameter	NC2L 1/1/10	AD-50 7/23/96	AD-50 10/3/96	AD-50 1/20/97	AD-50 8/20/97	AD-50 11/26/97	AD-50 2/24/98	AD-50 5/27/98	AD-50 8/29/98	AD-50 11/19/98	AD-50 2/23/99	AD-50 8/26/99
1,1,1,2-Tetrachloroethane	1.	1 U	1 U			20 U	20 U	2 U	13 U	20 U	0.66 U	2.6 U
1,1,1-Trichloroethane	200.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	11 U	20 U	0.54 U	2.2 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U			20 U	20 U	2 U	16 U	20 U	0.8 U	3.2 U
1,1,2-Trichloroethane	0.6	1 U	1 U			20 U	20 U	2 U	18 U	20 U	0.89 U	3.6 U
1,1-Dichloroethane	6.	**0.45 J**	**0.49 J**	**0.33 J**	10 U	20 U	20 U	2 U	9 U	20 U	0.45 U	1.8 U
1,1-Dichloroethene	350.	**2.1**	**1.8**	**2.9**	**4.6 J**	20 U	20 U	**2**	11 U	20 U	**2**	2.2 U
1,1-Dichloropropene						20 U	20 U	2 U	15 U	20 U	0.74 U	3 U
1,2,3-Trichlorobenzene						20 U	20 U	2 U	24 U	20 U	1.18 U	4.7 U
1,2,3-Trichloropropane	0.005	1 U	1 U			20 U	20 U	2 U	17 U	20 U	0.87 U	3.5 U
1,2,4-Trichlorobenzene	70.					20 U	20 U	2 U	20 U	20 U	1.02 U	4.1 U
1,2,4-Trimethylbenzene	400.					20 U	20 U	2 U	10 U	20 U	0.51 U	2 U
1,2-Dibromo-3-chloropropane	0.04					100 U	100 U	10 U	25 U	100 U	1.24 U	5 U
1,2-Dibromoethane (Ethylene di	0.02					20 U	20 U	2 U	9.6 U	20 U	0.48 U	1.9 U
1,2-Dichlorobenzene	20.		1 U	2 U	10 U	20 U	20 U	2 U	16 U	20 U	0.78 U	3.1 U
1,2-Dichloroethane	0.4	1 U	1 U			20 U	20 U	2 U	13 U	20 U	0.64 U	2.6 U
1,2-Dichloropropane	0.6	1 U	1 U			20 U	20 U	2 U	9.6 U	20 U	0.48 U	1.9 U
1,3,5-Trimethylbenzene	400.					20 U	20 U	2 U	10 U	20 U	0.5 U	2 U
1,3-Dichlorobenzene	200.		1 U	2 U	10 U	20 U	20 U	2 U	13 U	20 U	0.67 U	2.7 U
1,3-Dichloropropane						20 U	20 U	2 U	15 U	20 U	0.73 U	2.9 U
1,4-Dichlorobenzene	6.		1 U	2 U	10 U	20 U	20 U	2 U	15 U	20 U	0.75 U	3 U
2,2-Dichloropropane						20 U	20 U	2 U	11 U	20 U	0.56 U	2.2 U
2-Butanone (MEK)	4000.					500 U	500 U	50 U	62 U	500 U	3.1 U	12 U
2-Chloroethyl Vinyl Ether			1 U	2 U	10 U	100 U	100 U	10 U	18 U	100 U	0.89 U	3.6 U
2-Chlorotoluene	100.					20 U	20 U	2 U	10 U	20 U	0.51 U	2 U
2-Hexanone	40.					100 U	100 U	10 U	82 U	100 U	4.08 U	16 U
4-Chlorotoluene	24.					20 U	20 U	2 U	11 U	20 U	0.53 U	2.1 U
4-Methyl-2-pentanone						100 U	100 U	10 U	63 U	100 U	3.15 U	13 U
Acetone	6000.	1 U	1 U	2 U	10 U	500 U	500 U	50 U	78 U	500 U	3.9 U	16 U
Acrolein	4.					1000 U	1000 U	100 U	500 U	2000 U	25 U	100 U
Acrylonitrile						1000 U	1000 U	100 U	500 U	2000 U	25 U	100 U
Benzene	1.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	8 U	20 U	0.4 U	1.6 U
Bromobenzene		1 U	1 U	2 U	10 U	20 U	20 U	2 U	14 U	20 U	0.69 U	2.8 U
Bromochloromethane						20 U	20 U	2 U	15 U	20 U	0.75 U	3 U
Bromodichloromethane	0.6	1 U	1 U	2 U	10 U	20 U	20 U	2 U	18 U	20 U	0.91 U	3.6 U
Bromoform	4.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	17 U	20 U	0.84 U	3.4 U
Bromomethane	10.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	12 U	20 U	0.58 U	2.3 U
Carbon Disulfide	700.					20 U	20 U	2 U	20 U	20 U	1 U	4 U
Carbon Tetrachloride	0.3	1 U	1 U	2 U	10 U	20 U	20 U	2 U	12 U	20 U	0.62 U	2.5 U
Chlorobenzene	50.	1 U	1 U			20 U	20 U	2 U	11 U	20 U	0.54 U	2.2 U
Chloroethane	3000.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	14 U	20 U	0.69 U	2.8 U
Chloroform	70.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	13 U	20 U	0.67 U	2.7 U
Chloromethane	3.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	17 U	20 U	0.86 U	3.4 U
cis-1,2-Dichloroethene	70.	0.29 J	0.32 J			20 U	20 U	2 U	10 U	20 U	0.5 U	2 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	2 U	10 U	20 U	20 U	2 U	13 U	20 U	0.67 U	2.7 U
Dibromochloromethane	0.4	1 U	1 U	2 U	10 U	20 U	20 U	2 U	16 U	20 U	0.79 U	3.2 U
Dibromomethane	70.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	10 U	20 U	0.5 U	2 U
Dichlorodifluoromethane	1000.	**16**	**20**	**44**	**106**	**210**	**210**	**120**	**180**	**200**	**270 E**	**82**
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	16 U	20 U	0.81 U	3.2 U
Hexachlorobutadiene	0.4					20 U	20 U	2 U	16 U	20 U	0.81 U	3.2 U
Iodomethane						20 U	20 U	2 U	20 U	20 U	1 U	4 U
Isopropylbenzene (Cumene)	70.					20 U	20 U	2 U	8.4 U	20 U	0.42 U	1.7 U
Methyl Tert-butyl Ether	20.					20 U	20 U	2 U	33 U	20 U	1.67 U	6.7 U
Methylene chloride	5.	1 U	1 U	2 U	0.83 J	100 U	100 U	10 U	190 U	100 U	9.7 U	39 U
Naphthalene	6.					20 U	20 U	2 U	33 U	20 U	1.67 U	6.7 U
N-Butylbenzene	70.					20 U	20 U	2 U	11 U	20 U	0.54 U	2.2 U
N-Propylbenzene	70.					20 U	20 U	2 U	8.8 U	20 U	0.44 U	1.8 U
p-Isopropyltoluene (4-Isopropylt	25.					20 U	20 U	2 U	11 U	20 U	0.55 U	2.2 U
Sec-butylbenzene	70.					20 U	20 U	2 U	9.4 U	20 U	0.47 U	1.9 U
Styrene	70.					20 U	20 U	2 U	14 U	20 U	0.69 U	2.8 U
Tert-butylbenzene	70.					20 U	20 U	2 U	9.2 U	20 U	0.46 U	1.8 U
Tetrachloroethene	0.7	**0.28 J**	**0.23 J**	**0.42 J**	10 U	20 U	20 U	2 U	10 U	20 U	0.51 U	2 U
Tetrahydrofuran		1 U	1 U	2 U	10 U							
Toluene	600.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	19 U	20 U	0.95 U	3.8 U
trans-1,2-Dichloroethene	100.					20 U	20 U	2 U	6.6 U	20 U	0.33 U	1.3 U
trans-1,3-Dichloropropene	0.4	1 U	1 U			20 U	20 U	2 U	16 U	20 U	0.81 U	3.2 U
trans-1,4-dichloro-2-butene						100 U	100 U	10 U	20 U	100 U	1 U	4 U
Trichloroethene	3.	**0.71 J**	**0.73 J**	2 U	10 U	20 U	20 U	2 U	10 U	20 U	**0.6 J**	2 U
Trichlorofluoromethane	2000.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	7.8 U	20 U	0.39 U	1.6 U
Vinyl Acetate	88.	1 U	1 U	2 U	10 U	20 U	20 U	2 U	14 U	20 U	0.72 U	2.9 U
Vinyl Chloride	0.03	2 U	2 U	4 U	20 U							
Xylene (total)	500.					20 U	20 U	2 U	9.2 U	20 U	0.46 U	1.8 U
Xylene,o-						40 U	40 U	4 U	17 U	40 U	0.83 U	3.3 U
Xylenes,m+p-												

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well AD-50

Chemical Parameter	NC2L 1/1/10	AD-50 2/21/00	AD-50 8/18/00	AD-50 11/6/00	AD-50 5/22/01	AD-50 11/6/01	AD-50 5/21/02	AD-50 11/20/02	AD-50 5/20/03	AD-50 11/11/03	AD-50 5/18/04	AD-50 11/16/04
1,1,1,2-Tetrachloroethane	1.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,1,1-Trichloroethane	200.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,1,2,2-Tetrachloroethane	0.2	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,1,2-Trichloroethane	0.6	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,1-Dichloroethane	6.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,1-Dichloroethene	350.	4 U	4 U	8 U	**2**	4 U	4 U	**4**	4 U	**4**	8 U	**3.49**
1,1-Dichloropropene		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2,3-Trichlorobenzene		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2,3-Trichloropropane	0.005	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2,4-Trichlorobenzene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2,4-Trimethylbenzene	400.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2-Dibromo-3-chloropropane	0.04	20 U	20 U	40 U	10 U	20 U	20 U	20 U	20 U	5 U	40 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2-Dichlorobenzene	20.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2-Dichloroethane	0.4	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,2-Dichloropropane	0.6	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,3,5-Trimethylbenzene	400.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,3-Dichlorobenzene	200.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,3-Dichloropropane		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
1,4-Dichlorobenzene	6.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
2,2-Dichloropropane		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
2-Butanone (MEK)	4000.	100 U	100 U	200 U	50 U	100 U	100 U	100 U	100 U	25 U	200 U	25 U
2-Chloroethyl Vinyl Ether		20 U	20 U	40 U	10 U	20 U	20 U	20 U	20 U	5 U	40 U	5 U
2-Chlorotoluene	100.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
2-Hexanone	40.	20 U	20 U	40 U	10 U	20 U	20 U	20 U	20 U	5 U	40 U	5 U
4-Chlorotoluene	24.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
4-Methyl-2-pentanone		20 U	20 U	40 U	10 U	20 U	20 U	20 U	20 U	5 U	40 U	5 U
Acetone	6000.	100 U	100 U	200 U	50 U	100 U	100 U	100 U	100 U	25 U	200 U	25 U
Acrolein	4.	400 U	400 U	800 U	100 U	400 U	400 U	400 U	400 U			
Acrylonitrile		400 U	400 U	800 U	100 U	400 U	400 U	400 U	400 U			
Benzene	1.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Bromobenzene		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Bromochloromethane		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Bromodichloromethane	0.6	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Bromoform	4.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Bromomethane	10.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Carbon Disulfide	700.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Carbon Tetrachloride	0.3	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Chlorobenzene	50.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Chloroethane	3000.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Chloroform	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Chloromethane	3.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
cis-1,2-Dichloroethene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
cis-1,3-Dichloropropene	0.4	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Dibromochloromethane	0.4	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Dibromomethane	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Dichlorodifluoromethane	1000.	**49**	**61**	**120**	**79**	**78**	**84**	**64**	**84**	**110**	**126**	**86**
Diisopropyl ether (DIPE) (Isopro	70.				2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Ethylbenzene	600.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Hexachlorobutadiene	0.4	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Iodomethane		4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Isopropylbenzene (Cumene)	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Methyl Tert-butyl Ether	20.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Methylene chloride	5.	20 U	20 U	40 U	10 U	20 U	20 U	20 U	20 U	5 U	40 U	5 U
Naphthalene	6.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
N-Butylbenzene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
N-Propylbenzene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Sec-butylbenzene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Styrene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Tert-butylbenzene	70.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Tetrachloroethene	0.7	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Tetrahydrofuran										1 U		1 U
Toluene	600.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
trans-1,2-Dichloroethene	100.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
trans-1,3-Dichloropropene	0.4	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	5 U	8 U	5 U
trans-1,4-dichloro-2-butene		20 U	20 U	40 U	10 U	20 U	20 U	20 U	20 U	1 U	40 U	1 U
Trichloroethene	3.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Trichlorofluoromethane	2000.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Vinyl Acetate	88.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Vinyl Chloride	0.03											
Xylene (total)	500.	4 U	4 U	8 U	2 U	4 U	4 U	4 U	4 U	1 U	8 U	1 U
Xylene,o-		8 U	8 U	16 U	4 U	8 U	8 U	8 U	8 U	2 U	16 U	2 U
Xylenes,m+p-												

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well AD-50

Chemical Parameter	NC2L 1/1/10	AD-50 5/17/05	AD-50 11/15/05	AD-50 5/16/06	AD-50-IBM 5/8/12	AD-50-IBM 11/3/12	AD-50-IBM 5/7/13	AD-50-IBM 5/5/15
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U				
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	0.5 U	0.5 U	0.1 U	0.5 unless indicated
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	0.5 U	0.5 U		
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	0.5 U	0.5 U		
1,1-Dichloroethane	6.	1 U	1 U	1 U	**0.7**	**0.6**	**0.7**	0.7
1,1-Dichloroethene	350.	**3.04**	**2.94**	**3.8**	**5.5**	**4**	**5.5**	5.2
1,1-Dichloropropene		1 U	1 U	1 U				
1,2,3-Trichlorobenzene		1 U	1 U	1 U				
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U				
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U				
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U				
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U				
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	0.5 U	0.5 U		
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	0.5 U	0.5 U		
1,2-Dichloroethane	0.4	1 U	1 U	1 U	0.5 U	0.5 U		
1,2-Dichloropropane	0.6	1 U	1 U	1 U	0.5 U	0.5 U		
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U				
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	0.5 U	0.5 U		
1,3-Dichloropropane		1 U	1 U	1 U				
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	0.5 U	0.5 U		
2,2-Dichloropropane		1 U	1 U	1 U				
2-Butanone (MEK)	4000.	25 U	25 U	25 U	5 U	5 U		
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U				
2-Chlorotoluene	100.	1 U	1 U	1 U				
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U		
4-Chlorotoluene	24.	1 U	1 U	1 U				
4-Methyl-2-pentanone		5 U	5 U	5 U				
Acetone	6000.	25 U	25 U	25 U	5 U	5 U		
Acrolein	4.							
Acrylonitrile								
Benzene	1.	1 U	1 U	1 U	0.5 U	0.5 U		0.1 J
Bromobenzene		1 U	1 U	1 U				
Bromochloromethane		1 U	1 U	1 U				
Bromodichloromethane	0.6	1 U	1 U	1 U	0.5 U	0.5 U		
Bromoform	4.	1 U	1 U	1.77	0.5 U	0.5 U		
Bromomethane	10.	1 U	1 U	1 U	0.5 U	0.5 U		
Carbon Disulfide	700.	1 U	1 U	1 U	0.5 U	0.5 U		
Carbon Tetrachloride	0.3	1 U	1 U	1 U	0.5 U	0.5 U		
Chlorobenzene	50.	1 U	1 U	1 U	0.5 U	0.5 U		
Chloroethane	3000.	1 U	1 U	1 U	0.5 U	0.5 U		
Chloroform	70.	1 U	1 U	1 U	0.5 U	0.5 U		
Chloromethane	3.	1 U	1 U	1 U	0.5 U	0.5 U		
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	**0.3 J**	**0.2 J**	**0.3 J**	0.3 J
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	0.5 U	0.5 U		
Dibromochloromethane	0.4	1 U	1 U	1 U				
Dibromomethane	70.	1 U	1 U	1 U				
Dichlorodifluoromethane	1000.	**96.3**	**89.2**	**101**	**71**	**93**	**64**	49
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U				
Ethylbenzene	600.	1 U	1 U	1 U	0.5 U	0.5 U		
Hexachlorobutadiene	0.4	1 U	1 U	1 U				
Iodomethane		1 U	1 U	1 U				
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	0.5 U	0.5 U		
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	0.5 U	0.5 U		
Methylene chloride	5.	5 U	5 U	5 U	0.5 U	0.5 U		
Naphthalene	6.	1 U	1 U	1 U				
N-Butylbenzene	70.	1 U	1 U	1 U				
N-Propylbenzene	70.	1 U	1 U	1 U				
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U				
Sec-butylbenzene	70.	1 U	1 U	1 U				
Styrene	70.	1 U	1 U	1 U	0.5 U	0.5 U		
Tert-butylbenzene	70.	1 U	1 U	1 U				
Tetrachloroethene	0.7	1 U	1 U	1 U	**0.4 J**	**0.3 J**	**0.4 J**	**0.4 J**
Tetrahydrofuran		1 U	1 U	1 U				
Toluene	600.	1 U	1 U	1 U	0.5 U	0.5 U		
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	0.5 U	0.5 U		
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	0.5 U	0.5 U		
trans-1,4-dichloro-2-butene		1 U	1 U	1 U				
Trichloroethene	3.	1 U	1 U	1 U	**0.6**	**0.5**	**0.6**	0.6
Trichlorofluoromethane	2000.	1 U	1 U	1 U	0.5 U	0.5 U		
Vinyl Acetate	88.	1 U	1 U	1 U				
Vinyl Chloride	0.03				**0.1 J**	**0.1 J**	**0.1 J**	0.2 J
Xylene (total)	500.	1 U	1 U	1 U				
Xylene,o-		2 U	2 U	2 U	0.5 U	0.5 U		
Xylenes,m+p-					0.5 U	0.5 U		

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well AD-500

Chemical Parameter	NC2L (1/1/2010)	AD-500 12/6/93	AD-500 3/30/94	AD-500-Replicate 3/30/94	AD-500 3/22/95	AD-500-Replicate 3/22/95	AD-500 7/19/95	AD-500 10/25/95	AD-500 4/22/96		AD-500 10/3/96	
1,1,1,2-Tetrachloroethane		5 U		1 U	1.3 U	1.3 U	0.6 U	1.3 U	10 U		10 U	
1,1,1-Trichloroethane	200.	5 U	4.2 U	1 U	0.8 U	0.8 U	0.5 U	0.8 U	10 U		10 U	
1,1,2,2-Tetrachloroethane	0.2		3.2 U	1 U	1.1 U	1.1 U	2.5 U	1.1 U	10 U		10 U	
1,1,2-Trichloroethane		2.5 U	4.2 U	1 U	1 U	1 U	0.7 U	1 U	10 U		10 U	
1,1-Dichloroethane	6.	5 U	4.2 U	1 U	4.3 U	4.3 U	0.5 U	4.3 U	10 U		10 U	
1,1-Dichloroethene	350.	5 U	**6.78**	**4.8**	**9.7**	**9**	**6.8**	**10.4**	**5.3**	**J**	**4.6**	**J**
1,2,3-Trichloropropane	0.005			1 U	1.2 U	1.2 U	0.7 U	1.2 U	10 U		10 U	
1,2-Dichlorobenzene	20.								10 U		10 U	
1,2-Dichloroethane	0.4	2.5 U	4.6 U	1 U	1.2 U	1.2 U	0.5 U	1.2 U	10 U		10 U	
1,2-Dichloropropane	0.6		4.2 U	1 U	1 U	1 U	0.4 U	1 U	10 U		10 U	
1,3-Dichlorobenzene	200.								10 U		10 U	
1,4-Dichlorobenzene	6.								10 U		10 U	
2-Chloroethyl Vinyl Ether									10 U		10 U	
Acetone	6000.		10.4 U		1 U	1 U	0.9 U	1 U	10 U		10 U	
Benzene	1.	2.5 U	4 U	1 U	0.8 U	0.8 U	0.2 U	**1.32**	10 U		10 U	
Bromobenzene				1 U	2.1 U	2.1 U	0.9 U	2.1 U	10 U		10 U	
Bromodichloromethane	0.6		4.4 U	1 U	0.6 U	0.6 U	1.1 U	0.6 U	10 U		10 U	
Bromoform	4.		4.6 U	1 U	1.2 U	1.2 U	0.5 U	1.2 U	10 U		10 U	
Bromomethane			2.8 U	1 U	0.8 U	0.8 U	1.1 U	0.8 U	10 U		10 U	
Carbon Disulfide	700.		3.6 U									
Carbon Tetrachloride	0.3		4.4 U	1 U	0.8 U	0.8 U	0.9 U	0.8 U	10 U		10 U	
Chlorobenzene	50.	5 U	3.4 U	1 U	0.5 U	0.5 U	1.2 U	0.5 U	10 U		10 U	
Chloroethane	3000.		4.2 U	1 U	1.7 U	1.7 U	0.5 U	1.7 U	10 U		10 U	
Chloroform	70.	5 U	3.2 U	1 U	1.2 U	1.2 U	0.7 U	1.2 U	10 U		10 U	
Chloromethane	3.		4.4 U	1 U	1.1 U	1.1 U	2.6 U	1.1 U	10 U		10 U	
cis-1,2-Dichloroethene	70.	5 U	4.4 U		3.2 U	3.2 U	0.5 U	3.2 U	10 U		10 U	
cis-1,3-Dichloropropene	0.4		4 U	1 U	0.9 U	0.9 U	0.6 U	0.9 U	10 U		10 U	
Dibromochloromethane	0.4	5 U	3.8 U		1.2 U	1.2 U	0.4 U	1.2 U	10 U		10 U	
Dibromomethane				1 U	2.2 U	2.2 U	0.4 U	2.2 U	10 U		10 U	
Dichlorodifluoromethane	1000.		**270**	**34**	**373**	**349**	**294**	**377**	**219**		**205**	
Ethylbenzene	600.	5 U	4.4 U	1 U	0.5 U	0.5 U	0.2 U	0.5 U	10 U		10 U	
Methylene chloride	5.	5 U	4.2 U	1 U	**0.69 J**	1.9 UB	0.9 U	**0.36 J**	10 U		10 U	
Tetrachloroethene	0.7	5 U	5.8 U	1 U	1 U	1 U	**0.14 J**	1 U	10 U		10 U	
Tetrahydrofuran					1 U	1 U	1 U	1 U	10 U		10 U	
Toluene	600.	5 U	4.2 U	1 U	0.5 U	0.5 U	0.2 U	0.5 U	10 U		10 U	
trans-1,3-Dichloropropene	0.4		4.2 U	1 U	1 U	1 U	0.7 U	1 U	10 U		10 U	
Trichloroethene	3.	5 U	4 U	1 U	0.9 U	0.9 U	**0.33 J**	0.9 U	10 U		10 U	
Trichlorofluoromethane	2000.	5 U	5.4 U	1 U	2.1 U	2.1 U	0.6 U	2.1 U	10 U		10 U	
Vinyl Chloride	0.03	5 U	4.4 U	1 U	1.7 U	1.7 U	1.6 U	1.7 U	10 U		10 U	
Xylene (total)	500.	5 U	9.4 U		1.1 U	1.1 U	0.4 U	1.1 U	20 U		20 U	
Diisopropyl Ether	70.											

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4D

Chemical Parameter	NC2L 1/1/10	CW-4D 3/19/97	CW-4D 11/22/97	CW-4D 2/24/98	CW-4D 5/28/98	CW-4-D 8/29/98	CW-4-D 11/20/98	CW-4-D 2/24/99	CW-4-D 8/27/99	CW-4-D 2/21/00	CW-4-D 8/18/00
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	**0.6**	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	**0.6**	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	**13**	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	**4**	**5**	**5**	**4**	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	**1**	1 U	**2**	**2**	**1**	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	**3**	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	**1.6**									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4D

Chemical Parameter	NC2L 1/1/10	CW-4D 11/4/00	CW-4D 5/22/01	CW-4D 11/5/01	CW-4D 5/20/02	CW-4D 11/20/02	CW-4D 5/20/03	CW-4D 11/11/03	CW-4D 5/14/04	CW-4D 11/15/04	CW-4D 5/16/05
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U				
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U				
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4D

Chemical Parameter	NC2L 1/1/10	CW-4D 11/15/05	CW-4D 5/15/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	25 U	25 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1.04
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4DIKE

Chemical Parameter	NC2L 1/1/10	CW-4Dike 3/19/97	CW-4Dike 11/22/97	CW-4Dike 2/24/98	CW-4Dike 5/28/98	W-4-Dike Du 8/29/98	CW-4-Dike 8/29/98	C-4-Dike 10/6/98	CW-4-DIKE 11/20/98	CW-4-Dike 2/24/99	CW-4-DIKE 8/27/99
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	0.66 U	0.66 U	1 U	0.66 U	0.66 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	0.54 U	0.54 U	1 U	0.54 U	0.54 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	0.8 U	0.8 U	1 U	0.8 U	0.8 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	0.89 U	0.89 U	1 U	0.89 U	0.89 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	**0.5 J**	0.45 U	**0.6 J**	1 U	0.45 U	0.45 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	**1**	**1**	**2**	**3**	0.55 U	0.55 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	0.74 U	0.74 U	1 U	0.74 U	0.74 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1.2 U	1.2 U	1 U	1.18 U	1.18 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	0.87 U	0.87 U	1 U	0.87 U	0.87 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	0.51 U	0.51 U	1 U	0.51 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	1.2 U	1.2 U	5 U	1.24 U	1.24 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	0.48 U	0.48 U	1 U	0.48 U	0.48 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	0.78 U	0.78 U	1 U	0.78 U	0.78 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	0.64 U	0.64 U	1 U	0.64 U	0.64 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	0.48 U	0.48 U	1 U	0.48 U	0.48 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	0.67 U	0.67 U	1 U	0.67 U	0.67 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	0.73 U	0.73 U	1 U	0.73 U	0.73 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	0.75 U	0.75 U	1 U	0.75 U	0.75 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	0.56 U	0.56 U	1 U	0.56 U	0.56 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	3.1 U	3.1 U	25 U	3.1 U	3.1 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	0.89 U	0.89 U	5 U	0.89 U	0.89 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	0.51 U	0.51 U	1 U	0.51 U	0.51 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	4.1 U	4.1 U	5 U	4.08 U	4.08 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	0.53 U	0.53 U	1 U	0.53 U	0.53 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	3.1 U	3.1 U	5 U	3.15 U	3.15 U
Acetone	6000.	10 U	**17 J**	3.9 U	25 U	3.9 U	3.9 U	3.9 U	25 U	3.9 U	3.9 U
Acrolein	4.		50 U	25 U	50 U	25 U	25 U	25 U	100 U	25 U	25 U
Acrylonitrile			50 U	25 U	50 U	25 U	25 U	25 U	100 U	25 U	25 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	0.69 U	0.69 U	1 U	0.69 U	0.69 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	0.75 U	0.75 U	1 U	0.75 U	0.75 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	0.91 U	0.91 U	1 U	0.91 U	0.91 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	0.84 U	0.84 U	1 U	0.84 U	0.84 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	0.58 U	0.58 U	1 U	0.58 U	0.58 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	0.62 U	0.62 U	1 U	0.62 U	0.62 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	0.54 U	0.54 U	1 U	0.54 U	0.54 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	0.69 U	0.69 U	1 U	0.69 U	0.69 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	0.67 U	0.67 U	1 U	0.67 U	0.67 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	0.86 U	0.86 U	1 U	0.86 U	0.86 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	0.67 U	0.67 U	1 U	0.67 U	0.67 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	0.79 U	0.79 U	1 U	0.79 U	0.79 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	0.81 U	0.81 U	5 U	0.81 U	0.81 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	0.81 U	0.81 U	1 U	0.81 U	0.81 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	0.81 U	0.81 U	1 U	0.81 U	0.81 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	0.42 U	0.42 U	1 U	0.42 U	0.42 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1.7 U	1.7 U	1 U	1.67 U	1.67 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	9.7 U	9.7 U	5 U	9.7 U	9.7 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1.7 U	1.7 U	1 U	1.67 U	1.67 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	0.54 U	0.54 U	1 U	0.54 U	0.54 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	0.44 U	0.44 U	1 U	0.44 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	0.55 U	0.55 U	1 U	0.55 U	0.55 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	0.47 U	0.47 U	1 U	0.47 U	0.47 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	0.69 U	0.69 U	1 U	0.69 U	0.69 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	0.46 U	0.46 U	1 U	0.46 U	0.46 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	0.51 U	0.51 U	1 U	0.51 U	0.51 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	0.95 U	0.95 U	1 U	0.95 U	0.95 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	0.81 U	0.81 U	1 U	0.81 U	0.81 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	1 U	1 U	5 U	1 U	1 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	0.39 U	0.39 U	1 U	0.39 U	0.39 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	0.72 U	0.72 U	1 U	0.72 U	0.72 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	0.46 U	0.46 U	1 U	0.46 U	0.46 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	0.83 U	0.83 U	2 U	0.83 U	0.83 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4DIKE

Chemical Parameter	NC2L 1/1/10	CW-4-Dike 2/21/00	CW-4-Dike 8/18/00	CW-4 Dike 11/4/00	CW-4 Dike 5/22/01	CW-4 Dike 11/5/01	CW-4 Dike 5/20/02	CW-4 Dike 11/20/02	CW-4 Dike 5/20/03	CW-4 Dike 11/11/03	CW-4 Dike 5/14/04
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U		
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U		
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.				1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4DIKE

Chemical Parameter	NC2L 1/1/10	CW-4 Dike 11/15/04	CW-4 Dike 5/16/05	CW-4 Dike 11/15/05	CW-4 Dike 5/15/06	CW-4 Dike 11/13/06	CW-4 Dike 5/21/07	CW-4 Dike 11/5/07	CW-4 Dike 5/12/08	CW-4 Dike 11/3/08	CW-4 Dike 5/18/09
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.1**	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**21.9**	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4DIKE

Chemical Parameter	NC2L 1/1/10	CW-4 Dike 11/2/09	D-CW-4 Dike 11/2/09	CW-4 Dike 5/3/10	CW-4 Dike 11/1/10	CW-4 Dike 5/12/11	CW-4 Dike 10/11/11	CW-4 Dike 11/1/11	CW-4 Dike 5/14/12	CW-4 Dike 11/3/12	CW-4 Dike 5/10/13
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	**3.6**
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	**33**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U		5 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U		25 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U		25 U	5 U	5 U	5 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U		1 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U		5 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U						
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U		5 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U						
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Xylene (total)	500.								3U	3U	3U
Xylene,o-		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U
1,4-Dioxane (p-dioxane)	3.						2 U				

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4DIKE

Chemical Parameter	NC2L 1/1/10	CW-4 Dike 11/5/13	CW-4 Dike du 11/5/13	CW-4 Dike 5/6/14		CW-4 Dike 11/4/14	CW-4 Dike 11/4/14	CW-4 Dike 5/6/15	CW-4 Dike 11/4/15	CW-4 Dike 5/3/16	
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	200.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	6.	**2.9**	**3.1**	**3.6**		**3.4**	**3.5**	**3.2**	**2.8**	**3.4**	
1,1-Dichloroethene	350.	**33**	**35**	**42**		**34**	**32**	**31**	**27**	**36**	
1,1-Dichloropropene		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichlorobenzene		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2-Dibromo-3-chloropropane	0.04	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2-Dichlorobenzene	20.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	0.4	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,2-Dichloropropane	0.6	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,3-Dichlorobenzene	200.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,3-Dichloropropane		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	6.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
2,2-Dichloropropane		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
2-Butanone (MEK)	4000.	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	
2-Chlorotoluene	100.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
2-Hexanone	40.	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	
4-Chlorotoluene	24.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
4-Methyl-2-pentanone		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	
Acetone	6000.	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Bromobenzene		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Bromochloromethane		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	0.6	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Bromoform	4.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Bromomethane	10.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Carbon Disulfide	700.	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	
Carbon Tetrachloride	0.3	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	50.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Chloroethane	3000.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Chloroform	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Chloromethane	3.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	0.4	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Dibromomethane	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Dichlorodifluoromethane	1000.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	600.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Hexachlorobutadiene	0.4	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Iodomethane											
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Methylene chloride	5.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Naphthalene	6.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
N-Butylbenzene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
N-Propylbenzene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Sec-butylbenzene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Styrene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Tert-butylbenzene	70.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	0.7	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Toluene	600.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	**0.40**	J
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Trichlorofluoromethane	2000.	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Xylene (total)	500.	3U	3U	3U		3U	3U	3U	3U	3U	
Xylene,o-		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	
Xylenes,m+p-		2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	
1,4-Dioxane (p-dioxane)	3.			**1.88**	J	**2.05**	**2.13**	**2.74**	**1.96**	**2.5**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4S

Chemical Parameter	NC2L 1/1/10	CW-4S 3/19/97	CW-4S 11/22/97	CW-4S 2/24/98	CW-4S 5/28/98	CW-4-S 8/29/98	CW-4-S 11/20/98	CW-4-S 2/24/99	CW-4-S 8/27/99	CW-4-S 2/21/00	CW-4-S 8/18/00
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-4S

Chemical Parameter	NC2L 1/1/10	CW-4S 11/4/00	CW-4S 5/22/01	CW-4S 11/5/01	CW-4S 5/20/02	CW-4S 11/20/02	CW-4S 5/20/03	CW-4S 11/11/03	CW-4S 5/14/04	CW-4S 11/15/04	CW-4S 5/16/05
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U				
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U				
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Chemical Parameter	NC2L 1/1/10	CW-4S 11/15/05	CW-4S 5/15/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	25 U	25 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1.05
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-5D

Chemical Parameter	NC2L 1/1/10	CW-5D 3/19/97	CW-5D 11/22/97	CW-5D 2/24/98	CW-5D 5/28/98	CW-5-D 8/29/98	CW-5-D 11/20/98	CW-5-D 2/24/99	CW-5-D 8/27/99	CW-5-D 2/21/00	CW-5-D 8/18/00
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	**20 J**	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	**6**	1 U	1 U	**2**	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	**1**	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	**1**	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-5D

Chemical Parameter	NC2L 1/1/10	CW-5D 11/4/00	CW-5D 5/22/01	CW-5D 11/5/01	CW-5D 5/20/02	CW-5D 11/20/02	CW-5D 5/20/03	CW-5D 11/11/03	CW-5D 5/14/04	CW-5D 11/15/04	CW-5D 5/16/05
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U				
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U				
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-5D

Chemical Parameter	NC2L 1/1/10	CW-5D 11/15/05	CW-5D 5/15/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	25 U	25 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1 U
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-5S

Chemical Parameter	NC2L 1/1/10	CW-5S 3/19/97	CW-5S 11/22/97	CW-5S 2/24/98	CW-5S 5/28/98	CW-5-S 8/29/98	CW-5-S 11/20/98	CW-5-S 2/24/99	CW-5-S 8/27/99	CW-5-S 2/21/00	CW-5-S 8/18/00
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	0.5 U	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-5S

Chemical Parameter	NC2L 1/1/10	CW-5S 11/4/00	CW-5S 5/22/01	CW-5S 11/5/01	CW-5S 5/20/02	CW-5S 11/20/02	CW-5S 5/20/03	CW-5S 11/11/03	CW-5S 5/14/04	CW-5S 11/15/04	CW-5S 5/16/05
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U				
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U				
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	**3**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-5S

Chemical Parameter	NC2L 1/1/10	CW-5S 11/15/05	CW-5S 5/15/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	25 U	25 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1 U
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-6D

Chemical Parameter	NC2L 1/1/10	CW-6D 3/19/97	CW-6D 11/26/97	CW-6D 2/24/98	CW-6D 5/28/98	CW-6-D 8/29/98	CW-6-D 11/20/98	CW-6-D 2/24/99	CW-6-D 8/27/99	CW-6-D 2/21/00	CW-6-D 8/18/00
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U
Acetone	6000.	**19**	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U
Carbon Disulfide	700.	0.5 U	**3**	1 U	1 U	**4**	**10**	**2**	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Chloromethane	3.	0.5 U	**2**	**1 J**	1 U	**1**	**2**	**0.9 J**	0.86 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U
Toluene	600.	**4**	1 U	0.95 U	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U
Xylene (total)	500.	**0.6**									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-6D

Chemical Parameter	NC2L 1/1/10	CW-6D 11/4/00	CW-6-D 5/22/10	CW-6-D 11/5/01	CW-6-D 5/20/02	CW-6-D 11/20/02	CW-6-D 5/20/03	CW-6-D 11/11/03	CW-6-D 5/14/04	CW-6-D 11/15/04	CW-6-D 5/16/05
1,1,1,2-Tetrachloroethane	1.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	500 U	100 U	100 U	100 U	100 U	100 U				
Acrylonitrile		500 U	100 U	100 U	100 U	100 U	100 U				
Benzene	1.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	**33**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Chemical Parameter	NC2L 1/1/10	CW-6-D 11/15/05	CW-6-D 5/15/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U
1,1-Dichloropropene		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U
1,3-Dichloropropane		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U
2,2-Dichloropropane		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U
2-Hexanone	40.	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U
Acetone	6000.	25 U	25 U
Acrolein	4.		
Acrylonitrile			
Benzene	1.	1 U	1 U
Bromobenzene		1 U	1 U
Bromochloromethane		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U
Bromoform	4.	1 U	1 U
Bromomethane	10.	1 U	1 U
Carbon Disulfide	700.	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U
Chlorobenzene	50.	1 U	1 U
Chloroethane	3000.	1 U	1 U
Chloroform	70.	1 U	1 U
Chloromethane	3.	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U
Dibromomethane	70.	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U
Ethylbenzene	600.	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U
Iodomethane		1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U
Methylene chloride	5.	5 U	5 U
Naphthalene	6.	1 U	1 U
N-Butylbenzene	70.	1 U	1 U
N-Propylbenzene	70.	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U
Styrene	70.	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U
Toluene	600.	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U
Trichloroethene	3.	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U
Vinyl Acetate	88.		
Vinyl Chloride	0.03	1 U	1 U
Xylene (total)	500.		
Xylene,o-		1 U	1 U
Xylenes,m+p-		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-6S

Chemical Parameter	NC2L 1/1/10	CW-6S 3/19/97	CW-6S 11/26/97	CW-6S 2/24/98	CW-6S 5/28/98	CW-6-S 8/29/98	CW-6-S-Dup 8/29/98	CW-6-S 11/20/98	CW-6-S 2/24/99	CW-6-S 8/27/99	CW-6-S 2/21/00
1,1,1,2-Tetrachloroethane	1.	0.5 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	0.66 U	0.66 U	1 U
1,1,1-Trichloroethane	200.	0.5 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	0.54 U	0.54 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.5 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	0.8 U	0.8 U	1 U
1,1,2-Trichloroethane	0.6	0.5 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	0.89 U	0.89 U	1 U
1,1-Dichloroethane	6.	0.5 U	1 U	0.45 U	1 U	0.45 U	0.45 U	1 U	0.45 U	0.45 U	1 U
1,1-Dichloroethene	350.	0.5 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	0.55 U	0.55 U	1 U
1,1-Dichloropropene			1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	0.74 U	0.74 U	1 U
1,2,3-Trichlorobenzene			1 U	1 U	1 U	1.2 U	1.2 U	1 U	1.18 U	1.18 U	1 U
1,2,3-Trichloropropane	0.005	0.5 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	0.87 U	0.87 U	1 U
1,2,4-Trichlorobenzene	70.		1 U	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U
1,2,4-Trimethylbenzene	400.	0.5 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	0.51 U	0.51 U	1 U
1,2-Dibromo-3-chloropropane	0.04		5 U	1.2 U	5 U	1.2 U	1.2 U	5 U	1.24 U	1.24 U	5 U
1,2-Dibromoethane (Ethylene di	0.02		1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	0.48 U	0.48 U	1 U
1,2-Dichlorobenzene	20.	0.5 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	0.78 U	0.78 U	1 U
1,2-Dichloroethane	0.4	0.5 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	0.64 U	0.64 U	1 U
1,2-Dichloropropane	0.6	0.5 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	0.48 U	0.48 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U
1,3-Dichlorobenzene	200.	0.5 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	0.67 U	0.67 U	1 U
1,3-Dichloropropane			1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	0.73 U	0.73 U	1 U
1,4-Dichlorobenzene	6.	0.5 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	0.75 U	0.75 U	1 U
2,2-Dichloropropane			1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	0.56 U	0.56 U	1 U
2-Butanone (MEK)	4000.		25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	3.1 U	3.1 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	0.89 U	0.89 U	5 U
2-Chlorotoluene	100.	0.5 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	0.51 U	0.51 U	1 U
2-Hexanone	40.		5 U	4.1 U	5 U	4.1 U	4.1 U	5 U	4.08 U	4.08 U	5 U
4-Chlorotoluene	24.		1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	0.53 U	0.53 U	1 U
4-Methyl-2-pentanone			5 U	3.1 U	5 U	3.1 U	3.1 U	5 U	3.15 U	3.15 U	5 U
Acetone	6000.	10 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	3.9 U	3.9 U	25 U
Acrolein	4.		50 U	25 U	50 U	25 U	25 U	100 U	25 U	25 U	100 U
Acrylonitrile			50 U	25 U	50 U	25 U	25 U	100 U	25 U	25 U	100 U
Benzene	1.	0.5 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	1 U
Bromobenzene		0.5 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	0.69 U	0.69 U	1 U
Bromochloromethane			1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	0.75 U	0.75 U	1 U
Bromodichloromethane	0.6	0.5 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	0.91 U	0.91 U	1 U
Bromoform	4.	0.5 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	0.84 U	0.84 U	1 U
Bromomethane	10.	0.5 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	0.58 U	0.58 U	1 U
Carbon Disulfide	700.	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.5 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	0.62 U	0.62 U	1 U
Chlorobenzene	50.	0.5 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	0.54 U	0.54 U	1 U
Chloroethane	3000.	0.5 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	0.69 U	0.69 U	1 U
Chloroform	70.	0.5 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	0.67 U	0.67 U	1 U
Chloromethane	3.	0.5 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	0.86 U	0.86 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4	0.5 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	0.67 U	0.67 U	1 U
Dibromochloromethane	0.4	0.5 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	0.79 U	0.79 U	1 U
Dibromomethane	70.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U
Dichlorodifluoromethane	1000.	0.5 U	5 U	0.81 U	5 U	0.81 U	0.81 U	5 U	0.81 U	0.81 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	0.5 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	0.81 U	0.81 U	1 U
Hexachlorobutadiene	0.4		1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	0.81 U	0.81 U	1 U
Iodomethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.		1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	0.42 U	0.42 U	1 U
Methyl Tert-butyl Ether	20.	0.5 U	1 U	1 U	1 U	1.7 U	1.7 U	1 U	1.67 U	1.67 U	1 U
Methylene chloride	5.	2 U	5 U	5 U	5 U	9.7 U	9.7 U	5 U	9.7 U	9.7 U	5 U
Naphthalene	6.		1 U	1 U	1 U	1.7 U	1.7 U	1 U	1.67 U	1.67 U	1 U
N-Butylbenzene	70.		1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	0.54 U	0.54 U	1 U
N-Propylbenzene	70.		1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	0.44 U	0.44 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.		1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	0.55 U	0.55 U	1 U
Sec-butylbenzene	70.		1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	0.47 U	0.47 U	1 U
Styrene	70.		1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	0.69 U	0.69 U	1 U
Tert-butylbenzene	70.		1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	0.46 U	0.46 U	1 U
Tetrachloroethene	0.7	0.5 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	0.51 U	0.51 U	1 U
Toluene	600.	**0.8**	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	0.95 U	0.95 U	1 U
trans-1,2-Dichloroethene	100.	0.5 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	1 U
trans-1,3-Dichloropropene	0.4	0.5 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	0.81 U	0.81 U	1 U
trans-1,4-dichloro-2-butene			5 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U
Trichloroethene	3.	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	1 U
Trichlorofluoromethane	2000.	0.5 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	0.39 U	0.39 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	0.5 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	0.72 U	0.72 U	1 U
Xylene (total)	500.	1 U									
Xylene,o-			1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	0.46 U	0.46 U	1 U
Xylenes,m+p-			2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	0.83 U	0.83 U	2 U
Alkalinity, Carbonate									315		
Chloride	250000.								103		
Ferrous Iron	300 (Total)								0.2 U		
Iron	300 (Total)								0.1 U		
Nitrate	10000.								0.24		
Total Dissolved Solids									551		
Total Organic Carbon									10.5		

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-6S

Chemical Parameter	NC2L 1/1/10	CW-6-S 8/18/00	CW-6S 11/4/00	CW-6S 5/22/01	CW-6S 11/5/01	CW-6S 5/20/02	CW-6S 11/20/02	CW-6S 5/20/03	CW-6S 11/11/03	CW-6S 5/14/04	CW-6S 11/15/04
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U	100 U	100 U	100 U			
Acrylonitrile		100 U	100 U	100 U	100 U	100 U	100 U	100 U			
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Alkalinity, Carbonate											
Chloride	250000.										
Ferrous Iron	300 (Total)										
Iron	300 (Total)										
Nitrate	10000.										
Total Dissolved Solids											
Total Organic Carbon											

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well CW-6S

Chemical Parameter	NC2L 1/1/10	CW-6S 5/16/05	CW-6S 11/15/05	CW-6S 5/15/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	Indiana DEM
1,1,1-Trichloroethane	200.	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U
Acrolein	4.			
Acrylonitrile				
Benzene	1.	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U
Vinyl Acetate	88.			
Vinyl Chloride	0.03	1 U	1 U	1 U
Xylene (total)	500.			
Xylene,o-		1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U
Alkalinity, Carbonate				
Chloride	250000.			
Ferrous Iron	300 (Total)			
Iron	300 (Total)			
Nitrate	10000.			
Total Dissolved Solids				
Total Organic Carbon				

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-10-300

Chemical Parameter	NC2L (1/1/2010)	M-10-300 4/27/93	M-10-300 5/13/93	M-10-300 7/20/94	M-10-300 10/31/95	M-10-300 4/25/96	M-10-300 10/8/96
1,1,1,2-Tetrachloroethane		1 U	1 U	0.16 U	0.06 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	0.27 U	0.05 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2			0.04 U	0.25 U	1 U	1 U
1,1,2-Trichloroethane		1 U	1 U	0.24 U	0.07 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	0.31 U	0.05 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	0.24 U	0.06 U	1 U	1 U
1,2,3-Trichloropropane	0.005			0.35 U	0.07 U	1 U	1 U
1,2-Dichlorobenzene	20.						1 U
1,2-Dichloroethane	0.4	1 U	1 U	0.32 U	0.05 U	1 U	1 U
1,2-Dichloropropane	0.6			0.24 U	0.04 U	1 U	1 U
1,3-Dichlorobenzene	200.						1 U
1,4-Dichlorobenzene	6.						1 U
2-Chloroethyl Vinyl Ether							1 U
2-Chlorotoluene				0.25 U			
Acetone	6000.				0.09 U	1 U	1 U
Benzene	1.	1 U	1 U	0.26 U	0.02 U	1 U	1 U
Bromobenzene				0.2 U	0.09 U	1 U	1 U
Bromodichloromethane	0.6			0.22 U	0.11 U	1 U	1 U
Bromoform	4.			0.32 U	0.05 U	1 U	1 U
Bromomethane				0.43 U	0.11 U	1 U	1 U
Carbon Tetrachloride	0.3			0.24 U	0.09 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	0.23 U	0.12 U	1 U	1 U
Chloroethane	3000.			0.23 U	0.05 U	1 U	1 U
Chloroform	70.	1 U	1 U	0.24 U	0.07 U	1 U	1 U
Chloromethane	3.			0.31 U	0.26 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	0.25 U	0.05 U	1 U	1 U
cis-1,3-Dichloropropene	0.4			0.24 U	0.06 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	0.25 U	0.04 U	1 U	1 U
Dibromomethane				0.64 U	0.04 U	1 U	1 U
Dichlorodifluoromethane	1000.			0.24 U	0.1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	0.22 U	0.02 U	1 U	1 U
Methylene chloride	5.	1 U	1 U	0.22 U	0.09 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	0.26 U	0.07 U	1 U	1 U
Tetrahydrofuran					1 U	1 U	1 U
Toluene	600.	1 U	1 U	0.22 U	0.02 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			0.29 U	0.07 U	1 U	1 U
Trichloroethene	3.	1 U	1 U	0.26 U	0.05 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	0.25 U	0.06 U	1 U	1 U
Vinyl Chloride	0.03	1 U	1 U	0.2 U	0.16 U	1 U	1 U
Xylene (total)	500.	1 U	1 U	0.41 U	0.04 U	2 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-10-50

Chemical Parameter	NC2L (1/1/2010)	M-10-50 10/26/95	M-10-50 10/17/96
1,1,1,2-Tetrachloroethane		0.13 U	1 U
1,1,1-Trichloroethane	200.	0.08 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.11 U	1 U
1,1,2-Trichloroethane		0.1 U	1 U
1,1-Dichloroethane	6.	0.43 U	1 U
1,1-Dichloroethene	350.	0.29 U	1 U
1,2,3-Trichloropropane	0.005	0.12 U	1 U
1,2-Dichlorobenzene	20.		1 U
1,2-Dichloroethane	0.4	0.12 U	1 U
1,2-Dichloropropane	0.6	0.1 U	1 U
1,3-Dichlorobenzene	200.		1 U
1,4-Dichlorobenzene	6.		1 U
2-Chloroethyl Vinyl Ether			1 U
Acetone	6000.	0.1 U	1 U
Benzene	1.	0.08 U	1 U
Bromobenzene		0.21 U	1 U
Bromodichloromethane	0.6	0.06 U	1 U
Bromoform	4.	0.12 U	1 U
Bromomethane		0.08 U	1 U
Carbon Tetrachloride	0.3	0.08 U	1 U
Chlorobenzene	50.	0.05 U	1 U
Chloroethane	3000.	0.17 U	1 U
Chloroform	70.	0.12 U	1 U
Chloromethane	3.	0.11 U	1 U
cis-1,2-Dichloroethene	70.	0.32 U	1 U
cis-1,3-Dichloropropene	0.4	0.09 U	1 U
Dibromochloromethane	0.4	0.12 U	1 U
Dibromomethane		0.22 U	1 U
Dichlorodifluoromethane	1000.	0.13 U	1 U
Ethylbenzene	600.	0.05 U	1 U
Methylene chloride	5.	0.19 U	1 U
Tetrachloroethene	0.7	0.1 U	1 U
Tetrahydrofuran		0.1 U	1 U
Toluene	600.	0.05 U	1 U
trans-1,3-Dichloropropene	0.4	0.1 U	1 U
Trichloroethene	3.	0.09 U	1 U
Trichlorofluoromethane	2000.	0.21 U	1 U
Vinyl Chloride	0.03	0.17 U	1 U
Xylene (total)	500.	0.11 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-1-155R

Chemical Parameter	NC2L (1/1/2010)	M-1-155R 10/13/93	M-1-155R 10/31/95	M-1-155R 4/24/96	M-1-155R 10/1/96
1,1,1,2-Tetrachloroethane		1 U	0.06 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.05 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		0.25 U	1 U	1 U
1,1,2-Trichloroethane		0.5 U	0.07 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.05 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.06 U	1 U	1 U
1,2,3-Trichloropropane	0.005		0.07 U	1 U	1 U
1,2-Dichlorobenzene	20.				1 U
1,2-Dichloroethane	0.4	0.5 U	0.05 U	1 U	1 U
1,2-Dichloropropane	0.6		0.04 U	1 U	1 U
1,3-Dichlorobenzene	200.				1 U
1,4-Dichlorobenzene	6.				1 U
2-Chloroethyl Vinyl Ether					1 U
2-Chlorotoluene			0.26 U	1 U	
Acetone	6000.		0.09 U	1 U	1 U
Benzene	1.	0.5 U	0.02 U	**0.2 J**	**0.2 J**
Bromobenzene			0.09 U	1 U	1 U
Bromodichloromethane	0.6		0.11 U	1 U	1 U
Bromoform	4.		0.05 U	1 U	1 U
Bromomethane			0.11 U	1 U	1 U
Carbon Tetrachloride	0.3		0.09 U	1 U	1 U
Chlorobenzene	50.	1 U	0.12 U	1 U	1 U
Chloroethane	3000.		0.05 U	1 U	1 U
Chloroform	70.	1 U	0.07 U	1 U	1 U
Chloromethane	3.				1 U
cis-1,2-Dichloroethene	70.	1 U	0.05 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.06 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.04 U	1 U	1 U
Dibromomethane			0.04 U	1 U	1 U
Dichlorodifluoromethane	1000.		0.1 U	1 U	1 U
Ethylbenzene	600.	1 U	0.02 U	1 U	1 U
Methylene chloride	5.	1 U	0.09 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.07 U	1 U	1 U
Tetrahydrofuran			1 U	1 U	1 U
Toluene	600.	1 U	0.02 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.07 U	1 U	1 U
Trichloroethene	3.	1 U	0.05 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.06 U	1 U	1 U
Vinyl Chloride	0.03	1 U	0.04 J	1 U	1 U
Xylene (total)	500.	1 U	0.04 U	2 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-1-300

Chemical Parameter	NC2L (1/1/2010)	M-1-300 11/29/93	M-1-300-Replicate 7/19/94	M-1-300 12/8/94	M-1-300 4/11/95	M-1-300 7/20/95	M-1-300-Replicate 7/20/95	M-1-300 10/30/95	M-1-300 11/16/95	M-1-300 4/24/96	M-1-300 10/1/96
1,1,1,2-Tetrachloroethane		5 U	1 U		0.13 U	0.06 U	0.06 U	0.06 U	0.06 U	1 U	1 U
1,1,1-Trichloroethane	200.	5 U	1 U	5 U	2.04	1.31	1.31	0.79	0.71	0.44 J	0.89 J
1,1,2,2-Tetrachloroethane	0.2	5 U	1 U	5 U	0.11 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U
1,1,2-Trichloroethane		5 U	1 U	5 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	1 U	1 U
1,1-Dichloroethane	6.	5 U	1 U	5 U	0.43 U	0.02 J	0.01 J	0.03 J	0.01 J	1 U	1 U
1,1-Dichloroethene	350.	5 U	1 U	5 U	0.29 U	0.06 U	0.06 U	0.06 U	0.06 U	1 U	1 U
1,2,3-Trichloropropane	0.005		1 U		0.12 U	0.07 U	0.07 U	0.07 U	0.07 U	1 U	1 U
1,2-Dichlorobenzene	20.										1 U
1,2-Dichloroethane	0.4	5 U	1 U	5 U	0.12 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	1 U
1,2-Dichloropropane	0.6	5 U	1 U	5 U	0.1 U	0.04 U	0.04 U	0.04 U	0.04 U	1 U	1 U
1,3-Dichlorobenzene	200.										1 U
1,4-Dichlorobenzene	6.										1 U
2-Chloroethyl Vinyl Ether											1 U
Acetone	6000.	25 U		10 U	1.3	0.09 U	0.09 U	0.09 U	0.09 U	1 U	1 U
Benzene	1.	5 U	1 U	5 U	1.51	1.06	1.07	0.92	1.01	0.47 J	1 U
Bromobenzene			1 U		0.21 U	0.09 U	0.09 U	0.09 U	0.09 U	1 U	1 U
Bromodichloromethane	0.6	5 U	1 U	5 U	0.06 U	0.11 U	0.11 U	0.11 U	0.11 U	1 U	1 U
Bromoform	4.	5 U	1 U	5 U	0.12 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	1 U
Bromomethane		10 U	1 U	10 U	0.08 U	0.11 U	0.11 U	0.11 U	0.11 U	1 U	1 U
Carbon Disulfide	700.	5 U		5 U							
Carbon Tetrachloride	0.3	5 U	1 U	5 U	0.08 U	0.09 U	0.09 U	0.09 U	0.09 U	1 U	1 U
Chlorobenzene	50.	5 U	1 U	5 U	0.05 U	0.12 U	0.12 U	0.12 U	0.12 U	1 U	1 U
Chloroethane	3000.	5 U	1 U	10 U	0.17 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	1 U
Chloroform	70.	5 U	1 U	5 U	0.12 U	0.07 U	0.07 U	0.07 U	0.07 U	1 U	1 U
Chloromethane	3.	5 U	1 U	10 U	0.11 U	0.02 J	0.26 U	0.03 J	0.02 J	1 U	1 U
cis-1,2-Dichloroethene	70.	5 U	1 U	5 U	0.32 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	5 U	1 U	5 U	0.09 U	0.06 U	0.06 U	0.06 U	0.06 U	1 U	1 U
Dibromochloromethane	0.4	5 U	1 U	5 U	0.12 U	0.04 U	0.04 U	0.04 U	0.04 U	1 U	1 U
Dibromomethane			1 U		0.22 U	0.04 U	0.04 U	0.04 U	0.04 U	1 U	1 U
Dichlorodifluoromethane	1000.		1 U		0.97	0.4	0.23	0.2	0.13	1 U	1 U
Ethylbenzene	600.	5 U	1 U	5 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U	1 U
Methylene chloride	5.	5 U	1 U	5 U	1.97	1.52	1.35	1.35	1.1	0.67 J	0.47 J
Tetrachloroethene	0.7	5 U	1 U	5 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	1 U	1 U
Tetrahydrofuran					3.12	1.81	1.91	2.13	2.63	1 U	2.8
Toluene	600.	5 U	1 U	5 U	13.1	16	16	16	15.4	17	0.34 J
trans-1,3-Dichloropropene	0.4	5 U	1 U	5 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	1 U	1 U
Trichloroethene	3.	5 U	1 U	5 U	0.09 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	1 U
Trichlorofluoromethane	2000.	5 U	1 U		1.12	0.32	0.23	0.25	0.15	0.06 J	1 U
Vinyl Chloride	0.03	1 U	1 U	10 U	0.3	0.28	0.04 J	0.38	0.29	0.39 J	0.37 J
Xylene (total)	500.	5 U	1 U	5 U	0.11 U	0.04 U	0.04 U	0.04 U	0.04 U	2 U	2 U
Diisopropyl Ether	70.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-1-300

Chemical Parameter	NC2L (1/1/2010)	M-1-300-R-IBM 5/9/12	M-1-300-R-IBM 11/3/12	M-1-300-R-IBM 5/7/13	M-1-300-R-IBM 5/5/15
1,1,1,2-Tetrachloroethane					
1,1,1-Trichloroethane	200.	0.5U	0.5U	**0.1 J**	0.5U
1,1,2,2-Tetrachloroethane	0.2	0.5U	0.5U	0.5U	0.5U
1,1,2-Trichloroethane		0.5U	0.5U	0.5U	0.5U
1,1-Dichloroethane	6.	0.5U	0.5U	0.5U	0.5U
1,1-Dichloroethene	350.	0.5U	0.5U	**0.7**	0.5U
1,2,3-Trichloropropane	0.005				
1,2-Dichlorobenzene	20.	0.5U	0.5U	0.5U	0.5U
1,2-Dichloroethane	0.4	0.5U	0.5U	0.5U	0.5U
1,2-Dichloropropane	0.6	0.5U	0.5U	0.5U	0.5U
1,3-Dichlorobenzene	200.	0.5U	0.5U	0.5U	0.5U
1,4-Dichlorobenzene	6.	0.5U	0.5U	0.5U	0.5U
2-Chloroethyl Vinyl Ether					
Acetone	6000.	5 U	5 U	5 U	0.5U
Benzene	1.	0.5U	0.5U	0.5U	0.5U
Bromobenzene					
Bromodichloromethane	0.6	0.5U	0.5U	0.5U	0.5U
Bromoform	4.	0.5U	0.5U	0.5U	0.5U
Bromomethane		0.5U	0.5U	0.5U	0.5U
Carbon Disulfide	700.	0.5U	0.5U	0.5U	0.5U
Carbon Tetrachloride	0.3	0.5U	0.5U	0.5U	0.5U
Chlorobenzene	50.	0.5U	0.5U	0.5U	0.5U
Chloroethane	3000.	0.5U	0.5U	0.5U	0.5U
Chloroform	70.	0.5U	0.5U	0.5U	0.5U
Chloromethane	3.	0.5U	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70.	0.5U	0.5U	0.5U	0.5U
cis-1,3-Dichloropropene	0.4	0.5U	0.5U	0.5U	0.5U
Dibromochloromethane	0.4				
Dibromomethane					
Dichlorodifluoromethane	1000.	0.5U	0.5U	0.5U	0.5U
Ethylbenzene	600.	0.5U	0.5U	0.5U	0.5U
Methylene chloride	5.	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	0.7	0.5U	0.5U	0.5U	0.5U
Tetrahydrofuran					
Toluene	600.	0.5U	0.5U	0.5U	0.5U
trans-1,3-Dichloropropene	0.4	0.5U	0.5U	0.5U	0.5U
Trichloroethene	3.	0.5U	0.5U	0.5U	0.5U
Trichlorofluoromethane	2000.	0.5U	**0.1 J**	0.5U	**0.4 J**
Vinyl Chloride	0.03	0.5U	0.5U	0.5U	0.5U
Xylene (total)	500.	5 U	5 U	5 U	0.5U
Diisopropyl Ether	70.				

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-1-55

Chemical Parameter	NC2L (1/1/2010)	Chemical Para	NC2L (1/1/2010)	M-1-55 1/14/93	M-1-55 2/11/93	M-1-55-Replicate 2/11/93	M-1-55 10/30/95	M-1-55 1/30/96	M-1-55 4/24/96	M-1-55-Replicate 4/24/96	M-1-55 10/1/96	M-1-55 1/22/97
1,1,1,2-Tetrachloroethane		1,1,1,2-Tetrachloroethane		1 U	5 U	1 U	0.06 U	0.24 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1,1,1-Trichloroe	200.	1 U	5 U	1 U	0.05 U	0.11 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1,1,2,2-Tetrach	0.2		5 U		0.25 U	0.17 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane		1,1,2-Trichloroethane		1 U	5 U	1 U	0.07 U	0.06 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1,1-Dichloroeth	6.	1 U	5 U	1 U	0.05 U	0.08 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1,1-Dichloroeth	7.	1 U	5 U	1 U	0.06 U	0.06 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1,2,3-Trichlorop	0.005				0.07 U	0.33 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1,2-Dichlorober	20.								1 U	
1,2-Dichloroethane	0.4	1,2-Dichloroeth	0.4	1 U	5 U	1 U	0.05 U	0.19 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1,2-Dichloropro	0.6		5 U		0.04 U	0.2 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1,3-Dichlorober	200.								1 U	
1,4-Dichlorobenzene	6.	1,4-Dichlorober	6.								1 U	
2-Chloroethyl Vinyl Ether		2-Chloroethyl Vinyl Ether									1 U	
Acetone	6000.	Acetone	6000.		25 U		0.09 U	1 U	1 U	1 U	1 U	1 U
Benzene	1.	Benzene	1.		5 U		0.02 U	0.11 U	1 U	1 U	1 U	1 U
Bromobenzene		Bromobenzene					0.09 U	0.09 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	Bromodichloron	0.6		5 U		0.11 U	0.2 U	1 U	1 U	1 U	1 U
Bromoform	4.	Bromoform	4.		5 U		0.05 U	0.31 U	1 U	1 U	1 U	1 U
Bromomethane		Bromomethane			10 U		0.11 U	0.11 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	Carbon Disulfid	700.		5 U							
Carbon Tetrachloride	0.3	Carbon Tetrach	0.3		5 U		0.09 U	0.07 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	Chlorobenzene	50.		5 U	1 U	0.12 U	0.24 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	Chloroethane	3000.		5 U		0.05 U	0.09 U	1 U	1 U	1 U	1 U
Chloroform	70.	Chloroform	70.	1 U	5 U	1 U	0.07 U	0.07 U	1 U	1 U	1 U	1 U
Chloromethane	3.	Chloromethane	3.		5 U		0.26 U	0.07 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	cis-1,2-Dichloro	70.	1 U	5 U	1 U	0.05 U	0.1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	cis-1,3-Dichloro	0.4		5 U		0.06 U	0.25 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	Dibromochloromethane		1 U	5 U	1 U	0.04 U	0.27 U	1 U	1 U	1 U	1 U
Dibromomethane		Dibromomethane					0.04 U	0.22 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	Dichlorodifluoro	1000.				0.1 U	0.08 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	Ethylbenzene	600.		5 U		0.02 U	0.2 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	Methylene chlo	5.	1 U	5 U	1 U	0.09 U	0.08 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	Tetrachloroethe	0.7	1 U	5 U	1 U	0.07 U	0.2 U	1 U	1 U	1 U	1 U
Tetrahydrofuran		Tetrahydrofuran					1 U	0.19 U	1 U	1 U	1 U	1 U
Toluene	600.	Toluene	600.				0.02 U	0.19 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	trans-1,3-Dichlo	0.4		5 U		0.07 U	0.27 U	1 U	1 U	1 U	1 U
Trichloroethene	3.	Trichloroethene	3.	1 U	5 U	1 U	0.05 U	0.25 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	Trichlorofluoron	2000.	1 U	5 U	1 U	0.06 U	0.04 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.03	Vinyl Chloride	0.03	1 U	1 U	1 U	0.16 U	0.08 U	1 U	1 U	1 U	1 U
Xylene (total)	500.	Xylene (total)	500.		5 U		0.04 U	0.43 U	2 U	2 U	2 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-1-55

Chemical Parameter	NC2L (1/1/2010)	M-1-55-Replicate 1/22/97
1,1,1,2-Tetrachloroethane		1 U
1,1,1-Trichloroethane	200.	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U
1,1,2-Trichloroethane		1 U
1,1-Dichloroethane	6.	1 U
1,1-Dichloroethene	350.	1 U
1,2,3-Trichloropropane	0.005	1 U
1,2-Dichlorobenzene	20.	
1,2-Dichloroethane	0.4	1 U
1,2-Dichloropropane	0.6	1 U
1,3-Dichlorobenzene	200.	
1,4-Dichlorobenzene	6.	
2-Chloroethyl Vinyl Ether		
Acetone	6000.	1 U
Benzene	1.	1 U
Bromobenzene		1 U
Bromodichloromethane	0.6	1 U
Bromoform	4.	1 U
Bromomethane		1 U
Carbon Disulfide	700.	
Carbon Tetrachloride	0.3	1 U
Chlorobenzene	50.	1 U
Chloroethane	3000.	1 U
Chloroform	70.	1 U
Chloromethane	3.	1 U
cis-1,2-Dichloroethene	70.	1 U
cis-1,3-Dichloropropene	0.4	1 U
Dibromochloromethane	0.4	1 U
Dibromomethane		1 U
Dichlorodifluoromethane	1000.	1 U
Ethylbenzene	600.	1 U
Methylene chloride	5.	1 U
Tetrachloroethene	0.7	1 U
Tetrahydrofuran		1 U
Toluene	600.	1 U
trans-1,3-Dichloropropene	0.4	1 U
Trichloroethene	3.	1 U
Trichlorofluoromethane	2000.	1 U
Vinyl Chloride	0.03	1 U
Xylene (total)	500.	2 U
Diisopropyl Ether	70.	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-2-100

Chemical Parameter	NC2L (1/1/2010)	M-2-100 7/19/95	M-2-100 10/31/95	M-2-100 10/17/96
1,1,1,2-Tetrachloroethane		0.06 U	0.06 U	1 U
1,1,1-Trichloroethane	200.	0.05 U	0.05 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.25 U	0.25 U	1 U
1,1,2-Trichloroethane		0.07 U	0.07 U	1 U
1,1-Dichloroethane	6.	0.05 U	0.05 U	1 U
1,1-Dichloroethene	350.	0.06 U	0.06 U	1 U
1,2,3-Trichloropropane	0.005	0.07 U	0.07 U	1 U
1,2-Dichlorobenzene	20.			1 U
1,2-Dichloroethane	0.4	0.05 U	0.05 U	1 U
1,2-Dichloropropane	0.6	0.4 U	0.04 U	1 U
1,3-Dichlorobenzene	200.			1 U
1,4-Dichlorobenzene	6.			1 U
2-Chloroethyl Vinyl Ether				1 U
Acetone	6000.	0.09 U	0.09 U	1 U
Benzene	1.	**2.31**	0.02 U	**1.1**
Bromobenzene		0.09 U	0.09 U	1 U
Bromodichloromethane	0.6	0.11 U	0.11 U	1 U
Bromoform	4.	0.05 U	0.05 U	1 U
Bromomethane		0.11 U	0.11 U	1 U
Carbon Tetrachloride	0.3	0.09 U	0.09 U	1 U
Chlorobenzene	50.	0.12 U	0.12 U	1 U
Chloroethane	3000.	0.05 U	0.05 U	1 U
Chloroform	70.	0.07 U	0.07 U	1 U
Chloromethane	3.	0.26 U	0.26 U	1 U
cis-1,2-Dichloroethene	70.	0.05 U	0.05 U	1 U
cis-1,3-Dichloropropene	0.4	0.06 U	0.06 U	1 U
Dibromochloromethane	0.4	0.04 U	0.04 U	1 U
Dibromomethane		0.04 U	0.04 U	1 U
Dichlorodifluoromethane	1000.	0.1 U	0.1 U	1 U
Ethylbenzene	600.	0.02 U	0.02 U	1 U
Methylene chloride	5.	0.09 U	0.09 U	1 U
Tetrachloroethene	0.7	0.07 U	0.07 U	1 U
Tetrahydrofuran		1 U	1 U	1 U
Toluene	600.	0.02 U	0.02 U	1 U
trans-1,3-Dichloropropene	0.4	0.07 U	0.07 U	1 U
Trichloroethene	3.	0.05 U	0.05 U	1 U
Trichlorofluoromethane	2000.	0.06 U	0.06 U	1 U
Vinyl Chloride	0.03	0.16 U	0.16 U	1 U
Xylene (total)	500.	0.04 U	0.04 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-2-300

Chemical Parameter	NC2L (1/1/2010)	M-2-300 1/26/93	M-2-300 3/8/93	M-2-300 4/29/93	M-2-300-Replicate 10/20/93	M-2-300-Replicate 10/26/94	M-2-300 1/29/96	M-2-300 4/25/96	M-2-300 10/16/96	M-2-300 1/21/97
1,1,1,2-Tetrachloroethane		1 U	5 U	1 U	1 U	1 U	0.24 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**46**	5 U	**6**	**9**	**5.2**	**7.4**	**0.71 J**	1 U	**6.8**
1,1,2,2-Tetrachloroethane	0.2		5 U			1 U	0.17 U	1 U	1 U	1 U
1,1,2-Trichloroethane		1 U	5 U	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	5 U	1 U	1 U	1 U	**0.19**	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	5 U	1 U	1 U	1 U	**0.1**	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005						0.33 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.								1 U	
1,2-Dichloroethane	0.4	1 U	5 U	1 U	1 U	1 U	0.19 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6		5 U			1 U	0.2 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.								1 U	
1,4-Dichlorobenzene	6.								1 U	
2-Chloroethyl Vinyl Ether									1 U	
Acetone	6000.		25 U				1 U	1 U	1 U	1 U
Benzene	1.		5 U	1 U			0.11 U	1 U	1 U	1 U
Bromobenzene						1 U	0.09 U	1 U	1 U	1 U
Bromodichloromethane	0.6		5 U			1 U	0.2 U	1 U	1 U	1 U
Bromoform	4.		5 U			1 U	0.31 U	1 U	1 U	1 U
Bromomethane			10 U			1 U	0.11 U	1 U	1 U	1 U
Carbon Disulfide	700.		5 U							
Carbon Tetrachloride	0.3		5 U			1 U	0.07 U	1 U	1 U	1 U
Chlorobenzene	50.		5 U	1 U		1 U	0.24 U	1 U	1 U	1 U
Chloroethane	3000.		5 U			1 U	0.09 U	1 U	1 U	1 U
Chloroform	70.	1 U	5 U	1 U	1 U	1 U	0.07 U	1 U	1 U	1 U
Chloromethane	3.		5 U			1 U	0.07 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	5 U	1 U	1 U	1 U	0.1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		5 U			1 U	0.25 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	5 U	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U
Dibromomethane						1 U	0.22 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.					1 U	0.08 U	1 U	1 U	1 U
Ethylbenzene	600.		5 U	1 U			0.2 U	1 U	1 U	1 U
Methylene chloride	5.	**4**	5 U	1 U	1 U	1 U	**0.2**	**0.32 J**	1 U	**1.1**
Tetrachloroethene	0.7	**1**	5 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U
Tetrahydrofuran							0.19 U	1 U	1 U	1 U
Toluene	600.		6	1 U			2.5	1.4	1 U	3.5
trans-1,3-Dichloropropene	0.4		5 U			1 U	0.27 U	1 U	1 U	1 U
Trichloroethene	3.	1 U	5 U	1 U	1 U	1 U	0.25 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	5 U	1 U	1 U	1 U	0.04 U	1 U	1 U	1 U
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	0.08 U	1 U	1 U	1 U
Xylene (total)	500.		5 U	1 U			0.43 U	2 U	2 U	2 U
Diisopropyl Ether	70.									

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-2-300R

Chemical Parameter	NC2L (1/1/2010)	M-2-300R 3/10/93	M-2-300R 7/18/94	M-2-300R 7/19/95	M-2-300R 1/29/96	M-2-300R 10/17/96
1,1,1,2-Tetrachloroethane		5 U	0.16 U	0.06 U	0.24 U	1 U
1,1,1-Trichloroethane	200.	5 U	0.27 U	0.05 U	0.11 U	**2.3**
1,1,2,2-Tetrachloroethane	0.2	5 U	0.04 U	0.25 U	0.17 U	1 U
1,1,2-Trichloroethane		5 U	0.24 U	0.07 U	0.27 U	1 U
1,1-Dichloroethane	6.	5 U	0.31 U	0.5 U	0.08 U	1 U
1,1-Dichloroethene	350.	5 U	0.24 U	0.06 U	0.06 U	1 U
1,2,3-Trichloropropane	0.005		0.35 U	0.07 U	0.33 U	1 U
1,2-Dichlorobenzene	20.					1 U
1,2-Dichloroethane	0.4	5 U	0.32 U	0.05 U	0.19 U	1 U
1,2-Dichloropropane	0.6	5 U	0.24 U	0.04 U	0.2 U	1 U
1,3-Dichlorobenzene	200.					1 U
1,4-Dichlorobenzene	6.					1 U
2-Chloroethyl Vinyl Ether						1 U
2-Chlorotoluene			0.25 U			
Acetone	6000.	25 U		0.09 U	1 U	1 U
Benzene	1.	5 U	0.26 U	0.02 U	0.11 U	1 U
Bromobenzene			0.2 U	0.09 U	0.09 U	1 U
Bromodichloromethane	0.6	5 U	0.22 U	0.11 U	0.2 U	1 U
Bromoform	4.	5 U	0.32 U	0.05 U	0.31 U	1 U
Bromomethane		10 U	0.43 U	0.11 U	0.11 U	1 U
Carbon Disulfide	700.	5 U				
Carbon Tetrachloride	0.3	5 U	0.24 U	0.09 U	0.07 U	1 U
Chlorobenzene	50.	5 U	0.23 U	0.12 U	0.24 U	1 U
Chloroethane	3000.	5 U	0.23 U	0.05 U	0.09 U	1 U
Chloroform	70.	5 U	0.24 U	0.07 U	0.07 U	1 U
Chloromethane	3.	5 U	0.31 U	0.26 U	0.07 U	1 U
cis-1,2-Dichloroethene	70.	5 U	0.25 U	0.05 U	0.1 U	1 U
cis-1,3-Dichloropropene	0.4	5 U	0.24 U	0.06 U	0.25 U	1 U
Dibromochloromethane	0.4	5 U	0.25 U	0.04 U	0.27 U	1 U
Dibromomethane			0.64 U	0.04 U	0.22 U	1 U
Dichlorodifluoromethane	1000.		0.24 U	0.1 U	0.08 U	1 U
Ethylbenzene	600.	5 U	0.22 U	0.02 U	0.2 U	1 U
Methylene chloride	5.	5 U	0.22 U	0.09 U	**0.02 J**	**0.34 J**
Tetrachloroethene	0.7	5 U	0.26 U	0.07 U	0.2 U	1 U
Tetrahydrofuran				1 U	0.19 U	1 U
Toluene	600.	5 U	0.22 U	0.02 U	0.19 U	**0.16 J**
trans-1,3-Dichloropropene	0.4	5 U	0.29 U	0.07 U	0.27 U	1 U
Trichloroethene	3.	5 U	0.26 U	0.05 U	0.25 U	1 U
Trichlorofluoromethane	2000.	5 U	0.25 U	0.06 U	0.04 U	1 U
Vinyl Chloride	0.03	1 U	0.2 U	0.16 U	0.08 U	1 U
Xylene (total)	500.	5 U	0.41 U	0.04 U	0.43 U	2 U
Diisopropyl Ether	70.					

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-3-50

Chemical Parameter	NC2L (1/1/2010)	M-3-50 1/15/93	M-3-50 7/19/95	M-3-50 10/26/95	M-3-50 1/30/96	M-3-50 10/17/96	M-3-50 1/22/97
1,1,1,2-Tetrachloroethane		1 U	0.06 U	0.13 U	0.24 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.05 U	0.08 U	0.11 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		0.25 U	0.11 U	0.17 U	1 U	1 U
1,1,2-Trichloroethane		1 U	0.07 U	0.1 U	0.27 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.05 U	0.43 U	0.08 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.06 U	0.29 U	0.06 U	1 U	1 U
1,2,3-Trichloropropane	0.005		0.07 U	0.12 U	0.33 U	1 U	1 U
1,2-Dichlorobenzene	20.					1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.05 U	0.12 U	0.19 U	1 U	1 U
1,2-Dichloropropane	0.6		0.04 U	0.1 U	0.2 U	1 U	1 U
1,3-Dichlorobenzene	200.					1 U	1 U
1,4-Dichlorobenzene	6.					1 U	1 U
2-Chloroethyl Vinyl Ether						1 U	1 U
Acetone	6000.		2	0.1 U	1 U	1 U	1 U
Benzene	1.		0.25	0.18	0.62	0.39 J	0.44 J
Bromobenzene			0.09 U	0.21 U	0.09 U	1 U	1 U
Bromodichloromethane	0.6		0.11 U	0.06 U	0.2 U	1 U	1 U
Bromoform	4.		0.05 U	0.12 U	0.31 U	1 U	1 U
Bromomethane			0.11 U	0.08 U	0.11 U	1 U	1 U
Carbon Tetrachloride	0.3		0.09 U	0.08 U	0.07 U	1 U	1 U
Chlorobenzene	50.		0.12 U	0.05 U	0.24 U	1 U	1 U
Chloroethane	3000.		0.05 U	0.17 U	0.09 U	1 U	1 U
Chloroform	70.	1 U	0.07 U	0.12 U	0.07 U	1 U	1 U
Chloromethane	3.	1 U	0.26 U	0.11 U	0.07 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.05 U	0.32 U	0.1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.06 U	0.09 U	0.25 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.04 U	0.12 U	0.27 U	1 U	1 U
Dibromomethane			0.04 U	0.22 U	0.22 U	1 U	1 U
Dichlorodifluoromethane	1000.		0.1 U	0.13 U	0.08 U	1 U	1 U
Ethylbenzene	600.		0.02 U	0.05 U	0.2 U	1 U	1 U
Methylene chloride	5.	1 U	0.09 U	0.19 U	0.08 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.07 U	0.1 U	0.2 U	1 U	1 U
Tetrahydrofuran			1 U	0.1 U	0.19 U	1 U	1 U
Toluene	600.		0.02 U	0.05 U	0.19 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.07 U	0.1 U	0.27 U	1 U	1 U
Trichloroethene	3.	1 U	0.05 U	0.09 U	0.25 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.06 U	0.21 U	0.04 U	1 U	1 U
Vinyl Chloride	0.03	1 U	0.16 U	0.17 U	0.08 U	1 U	1 U
Xylene (total)	500.		0.04 U	0.11 U	0.43 U	2 U	2 U
Diisopropyl Ether	70.						

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-200

Chemical Parameter	NC2L 1/1/10	M4-200 4/13/93	M4-200 10/25/95	M4-200-Replicate 10/25/95	M4-200 4/22/96	M4-200-Replicate 4/22/96	M4-200 10/3/96	M4-200-Replicate 10/3/96	M4-200 8/20/97
1,1,1,2-Tetrachloroethane	1.	1 U	0.13 U	0.13 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	200.	1 U	0.08 U	0.08 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2		0.11 U	0.11 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	0.6	1 U	0.1 U	0.1 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	6.	1 U	0.43 U	0.43 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.29 U	0.29 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane	0.005		0.12 U	0.12 U	1 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	70.								
1,2,4-Trimethylbenzene	400.								
1,2-Dibromo-3-chloropropane	0.04								
1,2-Dibromoethane (Ethylene di	0.02								
1,2-Dichlorobenzene	20.						1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.12 U	0.12 U	1 U	1 U	1 U	1 U	
1,2-Dichloropropane	0.6		0.1 U	0.1 U	1 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	400.								
1,3-Dichlorobenzene	200.						1 U	1 U	1 U
1,3-Dichloropropane									
1,4-Dichlorobenzene	6.						1 U	1 U	1 U
2,2-Dichloropropane									
2-Butanone (MEK)	4000.								
2-Chloroethyl Vinyl Ether							1 U	1 U	1 U
2-Chlorotoluene	100.								
2-Hexanone	40.								
4-Chlorotoluene	24.								
4-Methyl-2-pentanone									
Acetone	6000.		0.1 U	0.1 U	1 U	1 U	1 U	1 U	1 U
Acrolein	4.								
Acrylonitrile									
Benzene	1.		0.08 U	0.08 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene			0.21 U	0.21 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane									
Bromodichloromethane	0.6		0.06 U	0.06 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.		0.12 U	0.12 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.		0.08 U	0.08 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.								
Carbon Tetrachloride	0.3		0.08 U	0.08 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.		0.05 U	0.05 U	1 U	1 U	1 U	1 U	
Chloroethane	3000.		0.17 U	0.17 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	0.12 U	0.12 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.		0.11 U	0.11 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.32 U	0.32 U	1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	0.4		0.09 U	0.09 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.12 U	0.12 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.		0.22 U	0.22 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.		0.13 U	0.13 U	1 U	1 U	1 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.								
Ethylbenzene	600.		0.05 U	0.05 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4								
Iodomethane									
Isopropylbenzene (Cumene)	70.								
Methyl Tert-butyl Ether	20.								
Methylene chloride	5.	1 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	6.								
N-Butylbenzene	70.								
N-Propylbenzene	70.								
p-Isopropyltoluene (4-Isopropylt	25.								
Sec-butylbenzene	70.								
Styrene	70.								
Tert-butylbenzene	70.								
Tetrachloroethene	0.7	1 U	0.1 U	0.1 U	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran			0.1 U	0.1 U	1 U	1 U	1 U	1 U	1 U
Toluene	600.		0.05 U	0.05 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.								
trans-1,3-Dichloropropene	0.4		0.1 U	0.1 U	1 U	1 U	1 U	1 U	
trans-1,4-dichloro-2-butene									
Trichloroethene	3.	1 U	0.09 U	0.09 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.21 U	0.21 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.								
Vinyl Chloride	0.03	1 U	0.17 U	0.17 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.		0.11 U	0.11 U	2 U	2 U	2 U	2 U	2 U
Xylene,o-									
Xylenes,m+p-									

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-200

Chemical Parameter	NC2L 1/1/10	M4-200 11/26/97	M4-200 2/24/98	M4-200 5/28/98	M-4-200 8/31/98	M-4-200 11/20/98	M-4-200 2/23/99	M-4-200 8/27/99	M-4-200 2/21/00	M-4-200 8/18/00	M-4-200 11/7/00
1,1,1,2-Tetrachloroethane	1.	1 U	0.66 U	1 U	0.66 U	1 U	0.66 U	0.66 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.54 U	1 U	**1**	**2**	0.54 U	**12**	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	0.8 U	1 U	0.8 U	1 U	0.8 U	0.8 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.89 U	1 U	0.89 U	1 U	0.89 U	0.89 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.45 U	1 U	0.45 U	1 U	0.45 U	**1**	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.55 U	1 U	**3**	**5**	0.55 U	**31**	1 U	1 U	1 U
1,1-Dichloropropene		1 U	0.74 U	1 U	0.74 U	1 U	0.74 U	0.74 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1.2 U	1 U	1.18 U	1.18 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	0.87 U	1 U	0.87 U	1 U	0.87 U	0.87 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1.02 U	1.02 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	1.2 U	5 U	1.2 U	5 U	1.24 U	1.24 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	0.78 U	1 U	0.78 U	1 U	0.78 U	0.78 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.64 U	1 U	0.64 U	1 U	0.64 U	0.64 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.48 U	1 U	0.48 U	1 U	0.48 U	0.48 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	0.73 U	1 U	0.73 U	1 U	0.73 U	0.73 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	0.56 U	1 U	0.56 U	1 U	0.56 U	0.56 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	3.1 U	25 U	3.1 U	25 U	3.1 U	3.1 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	0.89 U	5 U	0.89 U	5 U	0.89 U	0.89 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	4.1 U	5 U	4.1 U	5 U	4.08 U	4.08 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	0.53 U	1 U	0.53 U	1 U	0.53 U	0.53 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	3.1 U	5 U	3.1 U	5 U	3.15 U	3.15 U	5 U	5 U	5 U
Acetone	6000.	25 U	3.9 U	25 U	3.9 U	25 U	3.9 U	3.9 U	25 U	25 U	25 U
Acrolein	4.	50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U
Acrylonitrile		50 U	25 U	50 U	25 U	100 U	25 U	25 U	100 U	100 U	100 U
Benzene	1.	1 U	0.4 U	1 U	0.4 U	1 U	0.4 U	0.4 U	1 U	1 U	1 U
Bromobenzene		1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U
Bromochloromethane		1 U	0.75 U	1 U	0.75 U	1 U	0.75 U	0.75 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	0.91 U	1 U	0.91 U	1 U	0.91 U	0.91 U	1 U	1 U	1 U
Bromoform	4.	1 U	0.84 U	1 U	0.84 U	1 U	0.84 U	0.84 U	1 U	1 U	1 U
Bromomethane	10.	1 U	0.58 U	1 U	0.58 U	1 U	0.58 U	0.58 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.62 U	1 U	0.62 U	1 U	0.62 U	0.62 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U
Chloroform	70.	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U
Chloromethane	3.	1 U	0.86 U	1 U	0.86 U	1 U	0.86 U	0.86 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	0.67 U	1 U	0.67 U	1 U	0.67 U	0.67 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.79 U	1 U	0.79 U	1 U	0.79 U	0.79 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	0.81 U	5 U	2	5 U	0.81 U	0.81 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	0.42 U	1 U	0.42 U	1 U	0.42 U	0.42 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	9.7 U	5 U	9.7 U	9.7 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1.7 U	1 U	1.67 U	1.67 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	0.54 U	1 U	0.54 U	1 U	0.54 U	0.54 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	0.44 U	1 U	0.44 U	1 U	0.44 U	0.44 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	0.55 U	1 U	0.55 U	1 U	0.55 U	0.55 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	0.47 U	1 U	0.47 U	1 U	0.47 U	0.47 U	1 U	1 U	1 U
Styrene	70.	1 U	0.69 U	1 U	0.69 U	1 U	0.69 U	0.69 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.51 U	1 U	0.51 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	1 U	2	1 U	0.95 U	1 U	0.95 U	0.95 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.33 U	1 U	0.33 U	1 U	0.33 U	0.33 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.81 U	1 U	0.81 U	1 U	0.81 U	0.81 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	0.5 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.39 U	1 U	0.39 U	1 U	0.39 U	0.39 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	0.72 U	1 U	0.72 U	1 U	0.72 U	0.72 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	0.46 U	1 U	0.46 U	1 U	0.46 U	0.46 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	0.83 U	2 U	0.83 U	2 U	0.83 U	0.83 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-200

Chemical Parameter	NC2L 1/1/10	M-4-200 5/22/01	M-4-200 11/6/01	M-4-200 5/21/02	M-4-200 11/20/02	M-4-200 5/20/03	M-4-200-R 5/18/04	M-4-200-R 11/16/04	M-4-200-R 5/17/05	M-4-200-R 11/15/05	M-4-200-R 5/16/06
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.	100 U	100 U	100 U	100 U						
Acrylonitrile		100 U	100 U	100 U	100 U						
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-200

Chemical Parameter	NC2L 1/1/10	M-4-200-R 11/14/06	M-4-200-R 5/21/07	M-4-200-R 11/5/07	M-4-200-R 5/13/08	M-4-200-R 11/4/08	M-4-200-R 5/19/09	M-4-200-R 11/3/09	M-4-200-R 5/3/10	M-4-200-R 11/1/10	M-4-200-R 5/2/11
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.60 J**	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.41 J**	**0.58 J**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-200

Chemical Parameter	NC2L 1/1/10	M-4-200-R 11/7/11	M-4-200-R 5/8/12	M-4-200-R-IBI 5/8/12	M-4-200-R 11/3/12	M-4-200-R-IBI 11/3/12	M-4-200-R 5/6/13	M-4-200-R-IBI 5/6/13	M-4-200-R 11/4/13	M-4-200-R 5/6/14	M-4-200-R 11/3/14
1,1,1,2-Tetrachloroethane	1.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	0.5 U	**0.62 J**	**0.3 J**	1 U	0.5 U	1 U	1 U	1 U
1,1-Dichloropropene		1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	1 U		1 U		1 U		1 U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U		1 U		1 U		1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U		1 U		1 U		1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U		5 U		5 U		5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U		5 U		5 U		5 U	5 U	5 U
Acetone	6000.	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U		1 U		1 U		1 U	1 U	1 U
Bromochloromethane		1 U	1 U		1 U		1 U		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	5 U	0.5 U	5 U	0.5 U	5 U	0.5 U	5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Dichlorodifluoromethane	1000.	1 U	1 U	**0.5**	**0.52 J**	**1.1**	1 U	**0.7**	1 U	**0.68** J	**1.7**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Iodomethane											
Isopropylbenzene (Cumene)	70.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Naphthalene	6.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Styrene	70.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U		1 U		1 U		1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Xylene (total)	500.		3U		3U		3U		3U	3U	3U
Xylene,o-		1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	0.5 U	2 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U

Chemical Parameter	NC2L 1/1/10	M-4-200-R 5/4/15	4-200-R IBM 5/4/15	M-4-200-R 11/3/15	M-4-200-R 5/2/16
1,1,1,2-Tetrachloroethane	1.	1 U		1 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.5U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	0.5U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	0.5U	1 U	1 U
1,1-Dichloroethane	6.	1 U	0.5U	1 U	1 U
1,1-Dichloroethene	350.	1 U	0.5U	1 U	1 U
1,1-Dichloropropene		1 U		1 U	1 U
1,2,3-Trichlorobenzene		1 U		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U		1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	0.5U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U		1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1 U	0.5U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	0.5U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	0.5U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.5U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.5U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U		1 U	1 U
1,3-Dichlorobenzene	200.	1 U	0.5U	1 U	1 U
1,3-Dichloropropane		1 U		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	0.5U	1 U	1 U
2,2-Dichloropropane		1 U		1 U	1 U
2-Butanone (MEK)	4000.	5 U	0.5U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U		5 U	5 U
2-Chlorotoluene	100.	1 U		1 U	1 U
2-Hexanone	40.	5 U	0.5U	5 U	5 U
4-Chlorotoluene	24.	1 U		1 U	1 U
4-Methyl-2-pentanone		5 U	0.5U	5 U	5 U
Acetone	6000.	5 U	0.5U	5 U	5 U
Acrolein	4.		0.5U		
Acrylonitrile					
Benzene	1.	1 U	0.5U	1 U	1 U
Bromobenzene		1 U		1 U	1 U
Bromochloromethane		1 U		1 U	1 U
Bromodichloromethane	0.6	1 U	0.5U	1 U	1 U
Bromoform	4.	1 U	0.5U	1 U	1 U
Bromomethane	10.	1 U	0.5U	1 U	1 U
Carbon Disulfide	700.	5 U	0.5U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	0.5U	1 U	1 U
Chlorobenzene	50.	1 U	0.5U	1 U	1 U
Chloroethane	3000.	1 U	0.5U	1 U	1 U
Chloroform	70.	1 U	0.5U	1 U	1 U
Chloromethane	3.	1 U	0.5U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.5U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	0.5U	1 U	1 U
Dibromochloromethane	0.4	1 U		1 U	1 U
Dibromomethane	70.	1 U		1 U	1 U
Dichlorodifluoromethane	1000.	**1.8**	**1.2**	**1.5**	**1.9**
Diisopropyl ether (DIPE) (Isopro	70.	1 U		1 U	1 U
Ethylbenzene	600.	1 U	0.5U	1 U	1 U
Hexachlorobutadiene	0.4	1 U		1 U	1 U
Iodomethane					
Isopropylbenzene (Cumene)	70.	1 U	0.5U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	0.5U	1 U	1 U
Methylene chloride	5.	1 U	0.5U	1 U	1 U
Naphthalene	6.	1 U		1 U	1 U
N-Butylbenzene	70.	1 U		1 U	1 U
N-Propylbenzene	70.	1 U		1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U		1 U	1 U
Sec-butylbenzene	70.	1 U		1 U	1 U
Styrene	70.	1 U	0.5U	1 U	1 U
Tert-butylbenzene	70.	1 U		1 U	1 U
Tetrachloroethene	0.7	1 U	0.5U	1 U	1 U
Tetrahydrofuran					
Toluene	600.	1 U	0.5U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	0.5U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.5U	1 U	1 U
trans-1,4-dichloro-2-butene					
Trichloroethene	3.	1 U	0.5U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.5U	1 U	1 U
Vinyl Acetate	88.				
Vinyl Chloride	0.03	1 U	0.5U	1 U	1 U
Xylene (total)	500.	3U		3U	3U
Xylene,o-		1 U	0.5U	1 U	1 U
Xylenes,m+p-		2 U		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-50

Chemical Parameter	NC2L 1/1/10	M4-50 1/13/93	M4-50 4/25/94	M4-50 10/25/94	M4-50 4/11/95	M4-50 10/25/95	M4-50 1/30/96	M4-50 4/22/96	M4-50 10/3/96	M4-50 1/20/97	M4-50 8/20/97
1,1,1,2-Tetrachloroethane	1.	1 U	0.13 U	0.06 U	0.13 U	0.26 U	0.24 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	200.	**24**	**28.6**	**23**	**2.74**	**18.7**	**4.38**	**3.9**	**6.4**	**4.2**	**15**
1,1,2,2-Tetrachloroethane	0.2		0.11 U	0.25 U	0.11 U	0.22 U	0.17 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	0.6	1 U	0.1 U	**0.04**	0.1 U	0.2 U	**0.01 J**	1 U	1 U	1 U	
1,1-Dichloroethane	6.	1 U	**1.18**	**1.57**	**0.57**	**1.83**	**1.14**	**1.1**	**1.6**	**1.6**	**0.99 J**
1,1-Dichloroethene	350.	**14**	**36.6**	**29.7**	**4.89**	**39.1**	**10**	**8.6**	**15**	**12**	**45**
1,1-Dichloropropene											
1,2,3-Trichlorobenzene											
1,2,3-Trichloropropane	0.005		0.12 U	0.09 U	0.12 U	0.24 U	0.33 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	70.										
1,2,4-Trimethylbenzene	400.										
1,2-Dibromo-3-chloropropane	0.04										
1,2-Dibromoethane (Ethylene di	0.02										
1,2-Dichlorobenzene	20.								1 U	1 U	5 U
1,2-Dichloroethane	0.4	1 U	**0.2**	**0.19**	0.12 U	0.24 U	**0.08 J**	1 U	**0.19 J**	**0.14 J**	
1,2-Dichloropropane	0.6		0.1 U	0.05 U	0.1 U	0.2 U	0.2 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	400.										
1,3-Dichlorobenzene	200.								1 U	1 U	5 U
1,3-Dichloropropane											
1,4-Dichlorobenzene	6.								1 U	1 U	5 U
2,2-Dichloropropane											
2-Butanone (MEK)	4000.										
2-Chloroethyl Vinyl Ether									1 U	1 U	5 U
2-Chlorotoluene	100.		0.18 U								
2-Hexanone	40.										
4-Chlorotoluene	24.										
4-Methyl-2-pentanone											
Acetone	6000.			0.14 U	0.1 U	0.2 U	1 U	1 U	1 U	1 U	5 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.		0.08 U	0.03 U	0.08 U	0.16 U	0.11 U	1 U	1 U	0.1 J	5 U
Bromobenzene			0.21 U	0.21 U	0.21 U	0.42 U	0.09 U	1 U	1 U	1 U	5 U
Bromochloromethane											
Bromodichloromethane	0.6		0.06 U	0.1 U	0.06 U	0.12 U	0.2 U	1 U	1 U	1 U	5 U
Bromoform	4.		0.12 U	0.16 U	0.12 U	0.24 U	0.31 U	1 U	1 U	1 U	5 U
Bromomethane	10.		0.08 U	0.12 U	0.08 U	0.16 U	0.11 U	1 U	1 U	1 U	5 U
Carbon Disulfide	700.										
Carbon Tetrachloride	0.3		0.08 U	0.06 U	0.08 U	0.16 U	0.07 U	1 U	1 U	1 U	5 U
Chlorobenzene	50.		0.05 U	0.07 U	0.05 U	0.1 U	0.24 U	1 U	1 U	1 U	
Chloroethane	3000.		0.17 U	0.07 U	0.17 U	0.34 U	0.09 U	1 U	1 U	1 U	5 U
Chloroform	70.	1 U	0.12 U	0.07 U	0.12 U	0.24 U	0.07 U	1 U	1 U	1 U	5 U
Chloromethane	3.		0.11 U	0.06 U	0.11 U	0.22 U	0.07 U	1 U	1 U	1 U	5 U
cis-1,2-Dichloroethene	70.	1 U	0.32 U		0.32 U	0.64 U	0.1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	0.4		0.09 U	0.09 U	0.09 U	0.18 U	0.25 U	1 U	1 U	1 U	5 U
Dibromochloromethane	0.4	1 U	0.12 U	0.1 U	0.12 U	0.24 U	0.27 U	1 U	1 U	1 U	5 U
Dibromomethane	70.		0.22 U	0.14 U	0.22 U	0.44 U	0.22 U	1 U	1 U	1 U	5 U
Dichlorodifluoromethane	1000.		0.33	0.15	0.13 U	0.81	0.08 U	1 U	1 U	1 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.		0.05 U	0.05 U	0.05 U	0.1 U	0.2 U	1 U	1 U	1 U	5 U
Hexachlorobutadiene	0.4										
Iodomethane											
Isopropylbenzene (Cumene)	70.										
Methyl Tert-butyl Ether	20.			0.16 U							
Methylene chloride	5.	1 U	0.19 U	0.04 U	**0.16 J**	**0.12 J**	**0.24**	1 U	1 U	1 U	5 U
Naphthalene	6.										
N-Butylbenzene	70.										
N-Propylbenzene	70.										
p-Isopropyltoluene (4-Isopropylt	25.										
Sec-butylbenzene	70.										
Styrene	70.										
Tert-butylbenzene	70.										
Tetrachloroethene	0.7	1 U	0.1 U	0.03 U	0.1 U	0.2 U	0.2 U	1 U	1 U	1 U	5 U
Tetrahydrofuran				1 U	0.1 U	0.2 U	0.19 U	1 U	1 U	1 U	5 U
Toluene	600.		0.05 U	0.05 U	0.05 U	0.1 U	0.19 U	1 U	1 U	1 U	5 U
trans-1,2-Dichloroethene	100.										
trans-1,3-Dichloropropene	0.4		0.1 U	0.06 U	0.1 U	0.2 U	0.27 U	1 U	1 U	1 U	
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	1 U	0.09 U	0.12 U	0.09 U	0.18 U	0.25 U	1 U	1 U	1 U	5 U
Trichlorofluoromethane	2000.	1 U	0.21 U	0.08 U	0.21 U	0.42 U	0.04 U	1 U	1 U	1 U	5 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	0.17 U	0.07 U	0.17 U	0.34 U	0.08 U	1 U	1 U	1 U	5 U
Xylene (total)	500.		0.11 U		0.11 U	0.22 U	0.43 U	2 U	2 U	2 U	10 U
Xylene,o-											
Xylenes,m+p-											

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-50

Chemical Parameter	NC2L 1/1/10	M4-50 11/26/97	M4-50 2/24/98	M4-50 5/28/98	M-4-50 8/31/98	M-4-50 10/6/98	M-4-50 11/20/98	M-4-50 2/23/99		M-4-50 8/27/99	M-4-50 2/21/00	M-4-50 8/18/00
1,1,1,2-Tetrachloroethane	1.	10 U	0.66 U	1 U	5.3 U	0.66 U	8 U	0.66 U		0.66 U	2 U	2 U
1,1,1-Trichloroethane	200.	**26**	**26**	**18**	**45**	**33**	**45**	**14**		0.54 U	**9**	**8**
1,1,2,2-Tetrachloroethane	0.2	10 U	0.8 U	1 U	6.4 U	0.8 U	8 U	0.8 U		0.8 U	2 U	2 U
1,1,2-Trichloroethane	0.6	10 U	0.89 U	1 U	7.1 U	0.89 U	8 U	0.89 U		0.89 U	2 U	2 U
1,1-Dichloroethane	6.	10 U	0.45 U	**2**	3.6 U	**3**	8 U	**1**		0.45 U	2 U	2 U
1,1-Dichloroethene	350.	**82**	**97**	**50**	**120**	**90**	**120**	**42**	E	0.55 U	**30**	**22**
1,1-Dichloropropene		10 U	0.74 U	1 U	5.9 U	0.74 U	8 U	0.74 U		0.74 U	2 U	2 U
1,2,3-Trichlorobenzene		10 U	1 U	1 U	9.4 U	1.2 U	8 U	1.18 U		1.18 U	2 U	2 U
1,2,3-Trichloropropane	0.005	10 U	0.87 U	1 U	7 U	0.87 U	8 U	0.87 U		0.87 U	2 U	2 U
1,2,4-Trichlorobenzene	70.	10 U	1 U	1 U	8.2 U	1 U	8 U	1.02 U		1.02 U	2 U	2 U
1,2,4-Trimethylbenzene	400.	10 U	0.51 U	1 U	4.1 U	0.51 U	8 U	0.51 U		0.51 U	2 U	2 U
1,2-Dibromo-3-chloropropane	0.04	50 U	1.2 U	5 U	9.9 U	1.2 U	40 U	1.24 U		1.24 U	10 U	10 U
1,2-Dibromoethane (Ethylene di	0.02	10 U	0.48 U	1 U	3.8 U	0.48 U	8 U	0.48 U		0.48 U	2 U	2 U
1,2-Dichlorobenzene	20.	10 U	0.78 U	1 U	6.2 U	0.78 U	8 U	0.78 U		0.78 U	2 U	2 U
1,2-Dichloroethane	0.4	10 U	0.64 U	1 U	5.1 U	1	8 U	0.64 U		0.64 U	2 U	2 U
1,2-Dichloropropane	0.6	10 U	0.48 U	1 U	3.8 U	0.48 U	8 U	0.48 U		0.48 U	2 U	2 U
1,3,5-Trimethylbenzene	400.	10 U	0.5 U	1 U	4 U	0.5 U	8 U	0.5 U		0.5 U	2 U	2 U
1,3-Dichlorobenzene	200.	10 U	0.67 U	1 U	5.4 U	0.67 U	8 U	0.67 U		0.67 U	2 U	2 U
1,3-Dichloropropane		10 U	0.73 U	1 U	5.8 U	0.73 U	8 U	0.73 U		0.73 U	2 U	2 U
1,4-Dichlorobenzene	6.	10 U	0.75 U	1 U	6 U	0.75 U	8 U	0.75 U		0.75 U	2 U	2 U
2,2-Dichloropropane		10 U	0.56 U	1 U	4.5 U	0.56 U	8 U	0.56 U		0.56 U	2 U	2 U
2-Butanone (MEK)	4000.	250 U	3.1 U	25 U	27 J	3.1 U	200 U	3.1 U		3.1 U	50 U	50 U
2-Chloroethyl Vinyl Ether		50 U	0.89 U	5 U	7.1 U	0.89 U	40 U	0.89 U		0.89 U	10 U	10 U
2-Chlorotoluene	100.	10 U	0.51 U	1 U	4.1 U	0.51 U	8 U	0.51 U		0.51 U	2 U	2 U
2-Hexanone	40.	50 U	4.1 U	5 U	33 U	4.1 U	40 U	4.08 U		4.08 U	10 U	10 U
4-Chlorotoluene	24.	10 U	0.53 U	1 U	4.2 U	0.53 U	8 U	0.53 U		0.53 U	2 U	2 U
4-Methyl-2-pentanone		50 U	3.1 U	5 U	25 U	3.1 U	40 U	3.15 U		3.15 U	10 U	10 U
Acetone	6000.	250 U	3.9 U	25 U	31 U	4	200 U	3.9 U		3.9 U	50 U	50 U
Acrolein	4.	500 U	25 U	50 U	200 U	25 U	800 U	25 U		25 U	200 U	200 U
Acrylonitrile		500 U	25 U	50 U	200 U	25 U	800 U	25 U		25 U	200 U	200 U
Benzene	1.	10 U	0.4 U	1 U	3.2 U	0.4 U	8 U	0.4 U		0.4 U	2 U	2 U
Bromobenzene		10 U	0.69 U	1 U	5.5 U	0.69 U	8 U	0.69 U		0.69 U	2 U	2 U
Bromochloromethane		10 U	0.75 U	1 U	6 U	0.75 U	8 U	0.75 U		0.75 U	2 U	2 U
Bromodichloromethane	0.6	10 U	0.91 U	1 U	7.3 U	0.91 U	8 U	0.91 U		0.91 U	2 U	2 U
Bromoform	4.	10 U	0.84 U	1 U	6.7 U	0.84 U	8 U	0.84 U		0.84 U	2 U	2 U
Bromomethane	10.	10 U	0.58 U	1 U	4.6 U	0.58 U	8 U	0.58 U		0.58 U	2 U	2 U
Carbon Disulfide	700.	10 U	1 U	1 U	8 U	1 U	8 U	1 U		1 U	2 U	2 U
Carbon Tetrachloride	0.3	10 U	0.62 U	1 U	5 U	0.62 U	8 U	0.62 U		0.62 U	2 U	2 U
Chlorobenzene	50.	10 U	0.54 U	1 U	4.3 U	0.54 U	8 U	0.54 U		0.54 U	2 U	2 U
Chloroethane	3000.	10 U	0.69 U	1 U	5.5 U	0.69 U	8 U	0.69 U		0.69 U	2 U	2 U
Chloroform	70.	10 U	0.67 U	1 U	5.4 U	0.67 U	8 U	0.67 U		0.67 U	2 U	2 U
Chloromethane	3.	10 U	0.86 U	1 U	6.9 U	0.86 U	8 U	0.86 U		0.86 U	2 U	2 U
cis-1,2-Dichloroethene	70.	10 U	0.5 U	1 U	4 U	0.5 U	8 U	0.5 U		0.5 U	2 U	2 U
cis-1,3-Dichloropropene	0.4	10 U	0.67 U	1 U	5.4 U	0.67 U	8 U	0.67 U		0.67 U	2 U	2 U
Dibromochloromethane	0.4	10 U	0.79 U	1 U	6.3 U	0.79 U	8 U	0.79 U		0.79 U	2 U	2 U
Dibromomethane	70.	10 U	0.5 U	1 U	4 U	0.5 U	8 U	0.5 U		0.5 U	2 U	2 U
Dichlorodifluoromethane	1000.	50 U	8	5 U	6.5 U	0.81 U	40 U	0.81 U		0.81 U	10 U	10 U
Diisopropyl ether (DIPE) (Isopro	70.											
Ethylbenzene	600.	10 U	0.81 U	1 U	6.5 U	0.81 U	8 U	0.81 U		0.81 U	2 U	2 U
Hexachlorobutadiene	0.4	10 U	0.81 U	1 U	6.5 U	0.81 U	8 U	0.81 U		0.81 U	2 U	2 U
Iodomethane		10 U	1 U	1 U	8 U	1 U	8 U	1 U		1 U	2 U	2 U
Isopropylbenzene (Cumene)	70.	10 U	0.42 U	1 U	3.4 U	0.42 U	8 U	0.42 U		0.42 U	2 U	2 U
Methyl Tert-butyl Ether	20.	10 U	1 U	1 U	13 U	1.7 U	8 U	1.67 U		1.67 U	2 U	2 U
Methylene chloride	5.	50 U	5 U	5 U	78 U	9.7 U	40 U	9.7 U		9.7 U	10 U	10 U
Naphthalene	6.	10 U	1 U	1 U	13 U	1.7 U	8 U	1.67 U		1.67 U	2 U	2 U
N-Butylbenzene	70.	10 U	0.54 U	1 U	4.3 U	0.54 U	8 U	0.54 U		0.54 U	2 U	2 U
N-Propylbenzene	70.	10 U	0.44 U	1 U	3.5 U	0.44 U	8 U	0.44 U		0.44 U	2 U	2 U
p-Isopropyltoluene (4-Isopropylt	25.	10 U	0.55 U	1 U	4.4 U	0.55 U	8 U	0.55 U		0.55 U	2 U	2 U
Sec-butylbenzene	70.	10 U	0.47 U	1 U	3.8 U	0.47 U	8 U	0.47 U		0.47 U	2 U	2 U
Styrene	70.	10 U	0.69 U	1 U	5.5 U	0.69 U	8 U	0.69 U		0.69 U	2 U	2 U
Tert-butylbenzene	70.	10 U	0.46 U	1 U	3.7 U	0.46 U	8 U	0.46 U		0.46 U	2 U	2 U
Tetrachloroethene	0.7	10 U	0.51 U	1 U	4.1 U	0.51 U	8 U	0.51 U		0.51 U	2 U	2 U
Tetrahydrofuran												
Toluene	600.	10 U	0.95 U	1 U	7.6 U	0.95 U	8 U	0.95 U		0.95 U	2 U	2 U
trans-1,2-Dichloroethene	100.	10 U	0.33 U	1 U	2.6 U	0.33 U	8 U	0.33 U		0.33 U	2 U	2 U
trans-1,3-Dichloropropene	0.4	10 U	0.81 U	1 U	6.5 U	0.81 U	8 U	0.81 U		0.81 U	2 U	2 U
trans-1,4-dichloro-2-butene		50 U	1 U	5 U	8 U	1 U	40 U	1 U		1 U	10 U	10 U
Trichloroethene	3.	10 U	0.5 U	1 U	4 U	0.5 U	8 U	0.5 U		0.5 U	2 U	2 U
Trichlorofluoromethane	2000.	10 U	0.39 U	1 U	3.1 U	0.39 U	8 U	0.39 U		0.39 U	2 U	2 U
Vinyl Acetate	88.											
Vinyl Chloride	0.03	10 U	0.72 U	1 U	5.8 U	0.72 U	8 U	0.72 U		0.72 U	2 U	2 U
Xylene (total)	500.											
Xylene,o-		10 U	0.46 U	1 U	3.7 U	0.46 U	8 U	0.46 U		0.46 U	2 U	2 U
Xylenes,m+p-		20 U	0.83 U	2 U	6.6 U	0.83 U	16 U	0.83 U		0.83 U	4 U	4 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-50

Chemical Parameter	NC2L 1/1/10	M-4-50 11/7/00	M-4-50 5/22/01	M-4-50 11/6/01	M-4-50 5/21/02	M-4-50 11/20/02	M-4-50 5/20/03	M-4-50-R 5/18/2004	M-4-50-R 11/16/04	M-4-50-R 5/17/05	M-4-50-R 11/15/05
1,1,1,2-Tetrachloroethane	1.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**24**	**23**	**24**	**16**	**20**	**12**	**12.6**	**5.99**	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	5 U	**2**	**2**	**3**	**4**	**3**	4 U	**2.08**	1 U	1 U
1,1-Dichloroethene	350.	**89**	**87**	**92**	**66**	**95**	**71**	**76.1**	**36.3**	**13.3**	**14.4**
1,1-Dichloropropene		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	25 U	10 U	20 U	10 U	10 U	10 U	20 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,3-Dichloropropane		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
2,2-Dichloropropane		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	120 U	50 U	100 U	50 U	50 U	50 U	100 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		25 U	10 U	20 U	10 U	10 U	10 U	20 U	5 U	5 U	5 U
2-Chlorotoluene	100.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
2-Hexanone	40.	25 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U
4-Chlorotoluene	24.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
4-Methyl-2-pentanone		25 U	10 U	20 U	10 U	10 U	10 U	20 U	5 U	5 U	5 U
Acetone	6000.	120 U	50 U	100 U	50 U	50 U	50 U	100 U	25 U	25 U	25 U
Acrolein	4.	500 U	200 U	400 U	200 U	200 U	200 U				
Acrylonitrile		500 U	200 U	400 U	200 U	200 U	200 U				
Benzene	1.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Bromobenzene		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Bromochloromethane		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Bromodichloromethane	0.6	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Bromoform	4.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Bromomethane	10.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Carbon Disulfide	700.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Chlorobenzene	50.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Chloroethane	3000.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Chloroform	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Chloromethane	3.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Dibromochloromethane	0.4	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Dibromomethane	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	25 U	10 U	20 U	10 U	10 U	10 U	20 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.		2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Ethylbenzene	600.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Iodomethane		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Methylene chloride	5.	25 U	10 U	20 U	10 U	10 U	10 U	20 U	5 U	5 U	5 U
Naphthalene	6.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
N-Butylbenzene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
N-Propylbenzene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Sec-butylbenzene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Styrene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Tert-butylbenzene	70.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Tetrachloroethene	0.7	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		25 U	10 U	20 U	10 U	10 U	10 U	20 U	5 U	5 U	5 U
Trichloroethene	3.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		5 U	2 U	4 U	2 U	2 U	2 U	4 U	1 U	1 U	1 U
Xylenes,m+p-		10 U	4 U	8 U	4 U	4 U	4 U	8 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-50

Chemical Parameter	NC2L 1/1/10	M-4-50-R 5/16/06	M-4-50-R 11/14/06	M-4-50-R 5/21/07	M-4-50-R 11/5/07	M-4-50-R 5/13/08	M-4-50-R 11/4/08	M-4-50-R 5/19/09	M-4-50-R 11/3/09	M-4-50-R 5/3/10	M-4-50-R 11/1/10
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**1.02**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	**9.19**	**14.1**	**5.31**	**4.61**	**5.79**	**8.87**	**6.7**	**6.29**	**3.57**	**4.9**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.58 J**
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1.75	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-50

Chemical Parameter	NC2L 1/1/10	M-4-50-R 5/2/11	M-4-50-R 11/7/11	M-4-50-R 5/7/12	M-4-50-R-IBM 5/7/12	M-4-50-R 11/3/12	M-4-50-R-IBM 11/3/12	M-4-50-R 5/6/13	M-4-50-R-IBM 5/6/13	M-4-50-R 11/4/13	M-4-50-R 5/5/14
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	1 U	**0.2 J**	1 U	**0.2 J**	1 U	**0.2 J**	1 U	1 U
1,1-Dichloroethene	350.	**5.1**	**3.4**	**1.8**	**2.1**	**2.6**	**2.9**	**3.2**	**3.2**	**2.5**	**2.5**
1,1-Dichloropropene		1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	1 U		1 U		1 U		1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U		1 U		1 U		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U		1 U		1 U		1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U		5 U		5 U		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U		5 U		5 U		5 U	5 U
Acetone	6000.	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U		1 U		1 U		1 U	1 U
Bromochloromethane		1 U	1 U	1 U		1 U		1 U		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	5 U	0.5 U	5 U	0.5 U	5 U	0.5 U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Dichlorodifluoromethane	1000.	5 U	5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Iodomethane											
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Naphthalene	6.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Styrene	70.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U		1 U		1 U		1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Tetrahydrofuran											
Toluene	600.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Xylene (total)	500.			3U		3U		3U		3U	3U
Xylene,o-		1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	0.5 U	2 U	0.5 U	2 U	0.5 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-50

Chemical Parameter	NC2L 1/1/10	M-4-50-R 11/3/14	M-4-50-R 5/4/15	M-4-50-R IBM 5/4/15	M-4-50-R 11/3/15	M-4-50-R 5/2/16
1,1,1,2-Tetrachloroethane	1.	1 U	1 U		1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	0.5U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	0.5U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	0.5U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	**0.1 J**	1 U	1 U
1,1-Dichloroethene	350.	**2.7**	**2.0**	**1.9**	**1.7**	**1.5**
1,1-Dichloropropene		1 U	1 U		1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U		1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U		1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	0.5U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U		1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1 U	1 U	0.5U	1 U	1 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	0.5U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	0.5U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	0.5U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	1 U	0.5U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U		1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	0.5U	1 U	1 U
1,3-Dichloropropane		1 U	1 U		1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	0.5U	1 U	1 U
2,2-Dichloropropane		1 U	1 U		1 U	1 U
2-Butanone (MEK)	4000.	5 U	5 U	0.5U	5 U	5 U
2-Chloroethyl Vinyl Ether		5 U	5 U		5 U	5 U
2-Chlorotoluene	100.	1 U	1 U		1 U	1 U
2-Hexanone	40.	5 U	5 U	0.5U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U		1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	0.5U	5 U	5 U
Acetone	6000.	5 U	5 U	0.5U	5 U	5 U
Acrolein	4.			0.5U		
Acrylonitrile						
Benzene	1.	1 U	1 U	0.5U	1 U	1 U
Bromobenzene		1 U	1 U		1 U	1 U
Bromochloromethane		1 U	1 U		1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	0.5U	1 U	1 U
Bromoform	4.	1 U	1 U	0.5U	1 U	1 U
Bromomethane	10.	1 U	1 U	0.5U	1 U	1 U
Carbon Disulfide	700.	5 U	5 U	0.5U	5 U	5 U
Carbon Tetrachloride	0.3	1 U	1 U	0.5U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	0.5U	1 U	1 U
Chloroethane	3000.	1 U	1 U	0.5U	1 U	1 U
Chloroform	70.	1 U	1 U	0.5U	1 U	1 U
Chloromethane	3.	1 U	1 U	0.5U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	0.5U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	0.5U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U		1 U	1 U
Dibromomethane	70.	1 U	1 U		1 U	1 U
Dichlorodifluoromethane	1000.	1 U	1 U	0.5U	1 U	1 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U		1 U	1 U
Ethylbenzene	600.	1 U	1 U	0.5U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U		1 U	1 U
Iodomethane						
Isopropylbenzene (Cumene)	70.	1 U	1 U	0.5U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	0.5U	1 U	1 U
Methylene chloride	5.	1 U	1 U	0.5U	1 U	1 U
Naphthalene	6.	1 U	1 U		1 U	1 U
N-Butylbenzene	70.	1 U	1 U		1 U	1 U
N-Propylbenzene	70.	1 U	1 U		1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U		1 U	1 U
Sec-butylbenzene	70.	1 U	1 U		1 U	1 U
Styrene	70.	1 U	1 U	0.5U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U		1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	0.5U	1 U	1 U
Tetrahydrofuran						
Toluene	600.	1 U	1 U	0.5U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	0.5U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	0.5U	1 U	1 U
trans-1,4-dichloro-2-butene						
Trichloroethene	3.	1 U	1 U	0.5U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	0.5U	1 U	1 U
Vinyl Acetate	88.					
Vinyl Chloride	0.03	1 U	1 U	0.5U	1 U	1 U
Xylene (total)	500.	3U	3U		3U	3U
Xylene,o-		1 U	1 U	0.5U	1 U	1 U
Xylenes,m+p-		2 U	2 U		2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-DIKE

Chemical Parameter	NC2L 1/1/10	M-4-Dike 4/13/93	M-4-Dike-Replicate 4/13/93	M-4-Dike 7/22/93	M-4-Dike 7/19/95	M-4-Dike 10/25/95	M-4-Dike 4/22/96	M-4-Dike 7/23/96	M-4-Dike-Replicate 7/23/96	M-4-Dike 10/3/96	M-4-Dike 8/21/97
1,1,1,2-Tetrachloroethane	1.		1 U	1 U	0.06 U	0.26 U	2 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	200.	**20**	**28**	**14**	**13.2**	**23.4**	**17**	**6.2**	**5.7**	**8.5**	**4.4**
1,1,2,2-Tetrachloroethane	0.2	1 U			0.25 U	0.22 U	2 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	**0.5 J**	**0.15 J**	2 U	1 U	1 U	1 U	
1,1-Dichloroethane	6.	**2**	**1**	**1**	**1.45**	**2.54**	**2**	**12**	**1**	**1.4**	**0.8 J**
1,1-Dichloroethene	350.	**27**	**28**	**32**	**29.6**	**48.9**	**46**	**18**	**16**	**25**	**20**
1,1-Dichloropropene											
1,2,3-Trichlorobenzene											
1,2,3-Trichloropropane	0.005				0.07 U	0.24 U	2 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	70.										
1,2,4-Trimethylbenzene	400.										
1,2-Dibromo-3-chloropropane	0.04										
1,2-Dibromoethane (Ethylene di	0.02										
1,2-Dichlorobenzene	20.									1 U	2 U
1,2-Dichloroethane	0.4	1 U	1 U	**2**	**0.19**	**0.41**	2 U	1 U	1 U	**0.25 J**	
1,2-Dichloropropane	0.6	1 U			0.04 U	0.2 U	2 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	400.										
1,3-Dichlorobenzene	200.									1 U	2 U
1,3-Dichloropropane											
1,4-Dichlorobenzene	6.									1 U	2 U
2,2-Dichloropropane											
2-Butanone (MEK)	4000.										
2-Chloroethyl Vinyl Ether										1 U	2 U
2-Chlorotoluene	100.										
2-Hexanone	40.										
4-Chlorotoluene	24.										
4-Methyl-2-pentanone											
Acetone	6000.	5 U			0.09 U	0.2 U	2 U	1 U	1 U	1 U	2 U
Acrolein	4.										
Acrylonitrile											
Benzene	1.	1 U		1 U	0.02 U	0.16 U	2 U	1 U	1 U	1 U	2 U
Bromobenzene					0.09 U	0.42 U	2 U	1 U	1 U	1 U	2 U
Bromochloromethane											
Bromodichloromethane	0.6	1 U			0.11 U	0.12 U	2 U	1 U	1 U	1 U	2 U
Bromoform	4.	1 U			0.05 U	0.24 U	2 U	1 U	1 U	1 U	2 U
Bromomethane	10.	2 U			0.11 U	0.16 U	2 U	1 U	1 U	1 U	2 U
Carbon Disulfide	700.	1 U									
Carbon Tetrachloride	0.3	1 U			0.09 U	0.16 U	2 U	1 U	1 U	1 U	2 U
Chlorobenzene	50.	1 U		1 U	0.12 U	0.1 U	2 U	1 U	1 U	1 U	
Chloroethane	3000.	2 U			0.05 U	0.34 U	2 U	1 U	1 U	1 U	2 U
Chloroform	70.	1 U	1 U	1 U	0.07 U	0.24 U	2 U	1 U	1 U	**0.15 J**	2 U
Chloromethane	3.	2 U			0.26 U	0.22 U	2 U	1 U	1 U	1 U	2 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	**0.01 J**	0.64 U	2 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene	0.4	1 U			0.06 U	0.18 U	2 U	1 U	1 U	1 U	2 U
Dibromochloromethane	0.4	1 U	1 U	1 U	0.04 U	0.24 U	2 U	1 U	1 U	1 U	2 U
Dibromomethane	70.				0.04 U	0.44 U	2 U	1 U	1 U	1 U	2 U
Dichlorodifluoromethane	1000.				1.57	4.79	3.4	2	1.6	1.4	1.4 J
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	5 U		1 U	0.02 U	0.1 U	2 U	1 U	1 U	1 U	2 U
Hexachlorobutadiene	0.4										
Iodomethane											
Isopropylbenzene (Cumene)	70.										
Methyl Tert-butyl Ether	20.										
Methylene chloride	5.	5 U	1 U	1 U	**0.26**	**0.23 J**	2 U	1 U	1 U	1 U	2 U
Naphthalene	6.										
N-Butylbenzene	70.										
N-Propylbenzene	70.										
p-Isopropyltoluene (4-Isopropylt	25.										
Sec-butylbenzene	70.										
Styrene	70.										
Tert-butylbenzene	70.										
Tetrachloroethene	0.7	1 U	1 U	1 U	0.07 U	0.2 U	2 U	1 U	1 U	1 U	2 U
Tetrahydrofuran					1 U	0.2 U	2 U	1 U	1 U	1 U	2 U
Toluene	600.	1 U		1 U	0.2 U	0.1 U	2 U	1 U	1 U	1 U	2 U
trans-1,2-Dichloroethene	100.										
trans-1,3-Dichloropropene	0.4	1 U			0.07 U	0.2 U	2 U	1 U	1 U	1 U	
trans-1,4-dichloro-2-butene											
Trichloroethene	3.	1 U	1 U	1 U	**0.01 J**	0.18 U	2 U	1 U	1 U	1 U	2 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	0.06 U	0.42 U	2 U	1 U	1 U	1 U	2 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	2 U	1 U	1 U	0.16 U	0.24 U	2 U	1 U	1 U	1 U	2 U
Xylene (total)	500.	1 U		1 U	0.04 U	0.22 U	4 U	2 U	2 U	2 U	4 U
Xylene,o-											
Xylenes,m+p-											
VOC TICs											
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-DIKE

Chemical Parameter	NC2L 1/1/10	M-4-Dike-Replicate 8/21/97	M-4-Dike 11/26/97	M-4-Dike-Duplicate 11/26/97	M-4-Dike 2/24/98	M-4-Dike 5/28/98	M-4-Dike 8/31/98	M-4-Dike 10/6/98	-4-DIKE DU 11/20/98	M-4-DIKE 11/20/98	M-4- 2/2
1,1,1,2-Tetrachloroethane	1.		2 U	2 U	0.66 U	1 U	1.3 U	0.66 U	20 U	20 U	0.66 U
1,1,1-Trichloroethane	200.	**4.3**	**6**	**7**	**4**	**6**	**6**	**42**	**67**	**75**	**51**
1,1,2,2-Tetrachloroethane	0.2		2 U	2 U	0.8 U	1 U	1.6 U	0.8 U	20 U	20 U	0.8 U
1,1,2-Trichloroethane	0.6		2 U	2 U	0.89 U	1 U	1.8 U	1	20 U	20 U	0.9 J
1,1-Dichloroethane	6.	**0.83 J**	**0.6 J**	**0.7 J**	**1 J**	**1**	**1 J**	**7**	20 U	20 U	**6**
1,1-Dichloroethene	350.	**20**	**28**	**34**	**21**	**27**	**30**	**180**	**290**	**320**	**190**
1,1-Dichloropropene			2 U	2 U	0.74 U	1 U	1.5 U	0.74 U	20 U	20 U	0.74 U
1,2,3-Trichlorobenzene			2 U	2 U	1 U	1 U	2.4 U	1.2 U	20 U	20 U	1.18 U
1,2,3-Trichloropropane	0.005		2 U	2 U	0.87 U	1 U	1.7 U	0.87 U	20 U	20 U	0.87 U
1,2,4-Trichlorobenzene	70.		2 U	2 U	1 U	1 U	2 U	1 U	20 U	20 U	1.02 U
1,2,4-Trimethylbenzene	400.		2 U	2 U	0.51 U	1 U	1 U	0.51 U	20 U	20 U	0.51 U
1,2-Dibromo-3-chloropropane	0.04		10 U	10 U	1.2 U	5 U	2.5 U	1.2 U	100 U	100 U	1.24 U
1,2-Dibromoethane (Ethylene di	0.02		2 U	2 U	0.48 U	1 U	0.96 U	0.48 U	20 U	20 U	0.48 U
1,2-Dichlorobenzene	20.	2 U	2 U	2 U	0.78 U	1 U	1.6 U	0.78 U	20 U	20 U	0.78 U
1,2-Dichloroethane	0.4		2 U	2 U	0.64 U	1 U	1.3 U	2	20 U	20 U	2
1,2-Dichloropropane	0.6		2 U	2 U	0.48 U	1 U	0.96 U	0.48 U	20 U	20 U	0.48 U
1,3,5-Trimethylbenzene	400.		2 U	2 U	0.5 U	1 U	1 U	0.5 U	20 U	20 U	0.5 U
1,3-Dichlorobenzene	200.	2 U	2 U	2 U	0.67 U	1 U	1.3 U	0.67 U	20 U	20 U	0.67 U
1,3-Dichloropropane			2 U	2 U	0.73 U	1 U	1.5 U	0.73 U	20 U	20 U	0.73 U
1,4-Dichlorobenzene	6.	2 U	2 U	2 U	0.75 U	1 U	1.5 U	0.75 U	20 U	20 U	0.75 U
2,2-Dichloropropane			2 U	2 U	0.56 U	1 U	1.1 U	0.56 U	20 U	20 U	0.56 U
2-Butanone (MEK)	4000.		50 U	50 U	3.1 U	25 U	6.2 U	3.1 U	500 U	500 U	3.1 U
2-Chloroethyl Vinyl Ether		2 U	10 U	10 U	0.89 U	5 U	1.8 U	0.89 U	100 U	100 U	0.89 U
2-Chlorotoluene	100.		2 U	2 U	0.51 U	1 U	1 U	0.51 U	20 U	20 U	0.51 U
2-Hexanone	40.		10 U	10 U	4.1 U	5 U	8.2 U	4.1 U	100 U	100 U	4.08 U
4-Chlorotoluene	24.		2 U	2 U	0.53 U	1 U	1.1 U	0.53 U	20 U	20 U	0.53 U
4-Methyl-2-pentanone			10 U	10 U	3.1 U	5 U	6.3 U	3.1 U	100 U	100 U	3.15 U
Acetone	6000.	2 U	50 U	50 U	3.9 U	25 U	7.8 U	3.9 U	500 U	500 U	3.9 U
Acrolein	4.		100 U	100 U	25 U	50 U	50 U	25 U	2000 U	2000 U	25 U
Acrylonitrile			100 U	100 U	25 U	50 U	50 U	25 U	2000 U	2000 U	25 U
Benzene	1.	2 U	2 U	2 U	0.4 U	1 U	0.8 U	0.4 U	20 U	20 U	0.4 U
Bromobenzene		2 U	2 U	2 U	0.69 U	1 U	1.4 U	0.69 U	20 U	20 U	0.69 U
Bromochloromethane			2 U	2 U	0.75 U	1 U	1.5 U	0.75 U	20 U	20 U	0.75 U
Bromodichloromethane	0.6	2 U	2 U	2 U	0.91 U	1 U	1.8 U	0.91 U	20 U	20 U	0.91 U
Bromoform	4.	2 U	2 U	2 U	0.84 U	1 U	1.7 U	0.84 U	20 U	20 U	0.84 U
Bromomethane	10.	2 U	2 U	2 U	0.58 U	1 U	1.2 U	0.58 U	20 U	20 U	0.58 U
Carbon Disulfide	700.		2 U	2 U	1 U	1 U	2 U	1 U	20 U	20 U	1 U
Carbon Tetrachloride	0.3	2 U	2 U	2 U	0.62 U	1 U	1.2 U	0.62 U	20 U	20 U	0.62 U
Chlorobenzene	50.		2 U	2 U	0.54 U	1 U	1.1 U	0.54 U	20 U	20 U	0.54 U
Chloroethane	3000.	2 U	2 U	2 U	0.69 U	1 U	1.4 U	0.69 U	20 U	20 U	0.69 U
Chloroform	70.	2 U	2 U	2 U	0.67 U	1 U	1.3 U	0.67 U	20 U	20 U	0.67 U
Chloromethane	3.	2 U	2 U	2 U	0.86 U	1 U	1.7 U	0.86 U	20 U	20 U	0.86 U
cis-1,2-Dichloroethene	70.		2 U	2 U	0.5 U	1 U	1 U	0.6 J	20 U	20 U	0.5 U
cis-1,3-Dichloropropene	0.4	2 U	2 U	2 U	0.67 U	1 U	1.3 U	0.67 U	20 U	20 U	0.67 U
Dibromochloromethane	0.4	2 U	2 U	2 U	0.79 U	1 U	1.6 U	0.79 U	20 U	20 U	0.79 U
Dibromomethane	70.	2 U	2 U	2 U	0.5 U	1 U	1 U	0.5 U	20 U	20 U	0.5 U
Dichlorodifluoromethane	1000.	1.4 J	4 J	5 J	3	5 U	3	120	100 U	100 U	72
Diisopropyl ether (DIPE) (Isopro	70.										
Ethylbenzene	600.	2 U	2 U	2 U	0.81 U	1 U	1.6 U	0.81 U	20 U	20 U	0.81 U
Hexachlorobutadiene	0.4		2 U	2 U	0.81 U	1 U	1.6 U	0.81 U	20 U	20 U	0.81 U
Iodomethane			2 U	2 U	1 U	1 U	2 U	1 U	20 U	20 U	1 U
Isopropylbenzene (Cumene)	70.		2 U	2 U	0.42 U	1 U	0.84 U	0.42 U	20 U	20 U	0.42 U
Methyl Tert-butyl Ether	20.		2 U	2 U	1 U	1 U	3.3 U	1.7 U	20 U	20 U	1.67 U
Methylene chloride	5.	2 U	10 U	10 U	5 U	5 U	19 U	9.7 U	100 U	100 U	9.7 U
Naphthalene	6.		2 U	2 U	1 U	1 U	3.3 U	1.7 U	20 U	20 U	1.67 U
N-Butylbenzene	70.		2 U	2 U	0.54 U	1 U	1.1 U	0.54 U	20 U	20 U	0.54 U
N-Propylbenzene	70.		2 U	2 U	0.44 U	1 U	0.88 U	0.44 U	20 U	20 U	0.44 U
p-Isopropyltoluene (4-Isopropylt	25.		2 U	2 U	0.55 U	1 U	1.1 U	0.55 U	20 U	20 U	0.55 U
Sec-butylbenzene	70.		2 U	2 U	0.47 U	1 U	0.94 U	0.47 U	20 U	20 U	0.47 U
Styrene	70.		2 U	2 U	0.69 U	1 U	1.4 U	0.69 U	20 U	20 U	0.69 U
Tert-butylbenzene	70.		2 U	2 U	0.46 U	1 U	0.92 U	0.46 U	20 U	20 U	0.46 U
Tetrachloroethene	0.7	2 U	2 U	2 U	0.51 U	1 U	1 U	0.51 U	20 U	20 U	0.51 U
Tetrahydrofuran		2 U									
Toluene	600.	2 U	2 U	2 U	0.95 U	1 U	1.9 U	0.95 U	20 U	20 U	0.95 U
trans-1,2-Dichloroethene	100.		2 U	2 U	0.33 U	1 U	0.66 U	0.33 U	20 U	20 U	0.33 U
trans-1,3-Dichloropropene	0.4		2 U	2 U	0.81 U	1 U	1.6 U	0.81 U	20 U	20 U	0.81 U
trans-1,4-dichloro-2-butene			10 U	10 U	1 U	5 U	2 U	1 U	100 U	100 U	1 U
Trichloroethene	3.	2 U	2 U	2 U	0.5 U	1 U	1 U	**0.6 J**	20 U	20 U	0.5 U
Trichlorofluoromethane	2000.	2 U			0.39 U	1 U	0.78 U	0.39 U	20 U	20 U	0.39 U
Vinyl Acetate	88.										
Vinyl Chloride	0.03	2 U	2 U	2 U	0.72 U	1 U	1.4 U	0.72 U	20 U	20 U	0.72 U
Xylene (total)	500.	4 U									
Xylene,o-			2 U	2 U	0.46 U	1 U	0.92 U	0.46 U	20 U	20 U	0.46 U
Xylenes,m+p-			4 U	4 U	0.83 U	2 U	1.7 U	0.83 U	40 U	40 U	0.83 U
VOC TICs											
1,4-Dioxane (p-dioxane)	3.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-DIKE

Chemical Parameter	NC2L 1/1/10	Dike 3/99		M-4-DIKE 8/27/99	M-4-Dike 2/21/00	M-4-Dike-Dup 2/21/00	M-4-Dike 8/18/00	M-4-DIKE 11/7/00	M-4-Dike 5/22/01	M-4-Dike 11/6/01	M-4-Dike 5/21/02	M-4-Dike 11/20/02	M-4-Dike 5/20/03	M-4-150 5/18/04
1,1,1,2-Tetrachloroethane	1.			0.66 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,1,1-Trichloroethane	200.		E	**10**	**5**	**4**	**10**	**35**	**25**	**30**	**30**	**32**	**25**	**32.1**
1,1,2,2-Tetrachloroethane	0.2			0.8 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,1,2-Trichloroethane	0.6			0.89 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,1-Dichloroethane	6.			**2**	**1**	1 U	4 U	8 U	4 U	**4**	**4**	**6**	5 U	8 U
1,1-Dichloroethene	350.		E	**56**	**24**	**18**	**53**	**160**	**130**	**150**	**170**	**160**	**160**	**159**
1,1-Dichloropropene				0.74 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2,3-Trichlorobenzene				1.18 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2,3-Trichloropropane	0.005			0.87 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2,4-Trichlorobenzene	70.			1.02 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2,4-Trimethylbenzene	400.			0.51 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2-Dibromo-3-chloropropane	0.04			1.24 U	5 U	5 U	20 U	40 U	20 U	20 U	20 U	20 U	25 U	40 U
1,2-Dibromoethane (Ethylene di	0.02			0.48 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2-Dichlorobenzene	20.			0.78 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2-Dichloroethane	0.4			0.64 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,2-Dichloropropane	0.6			0.48 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,3,5-Trimethylbenzene	400.			0.5 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,3-Dichlorobenzene	200.			0.67 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,3-Dichloropropane				0.73 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
1,4-Dichlorobenzene	6.			0.75 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
2,2-Dichloropropane				0.56 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
2-Butanone (MEK)	4000.			3.1 U	25 U	25 U	100 U	200 U	100 U	100 U	100 U	100 U	120 U	200 U
2-Chloroethyl Vinyl Ether				0.89 U	5 U	5 U	20 U	40 U	20 U	20 U	20 U	20 U	25 U	40 U
2-Chlorotoluene	100.			0.51 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
2-Hexanone	40.			4.08 U	5 U	5 U	20 U	40 U	20 U	20 U	20 U	20 U	25 U	40 U
4-Chlorotoluene	24.			0.53 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
4-Methyl-2-pentanone				3.15 U	5 U	5 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U	40 U
Acetone	6000.			3.9 U	25 U	25 U	100 U	200 U	100 U	100 U	100 U	100 U	120 U	200 U
Acrolein	4.			25 U	100 U	100 U	400 U	800 U	400 U	400 U	400 U	400 U	500 U	800 U
Acrylonitrile				25 U	100 U	100 U	400 U	800 U	400 U	400 U	400 U	400 U	500 U	800 U
Benzene	1.			0.4 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Bromobenzene				0.69 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Bromochloromethane				0.75 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Bromodichloromethane	0.6			0.91 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Bromoform	4.			0.84 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Bromomethane	10.			0.58 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Carbon Disulfide	700.			1 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Carbon Tetrachloride	0.3			0.62 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Chlorobenzene	50.			0.54 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Chloroethane	3000.			0.69 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Chloroform	70.			0.67 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Chloromethane	3.			0.86 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
cis-1,2-Dichloroethene	70.			0.5 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
cis-1,3-Dichloropropene	0.4			0.67 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Dibromochloromethane	0.4			0.79 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Dibromomethane	70.			0.5 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Dichlorodifluoromethane	1000.		E	3	5 U	5 U	20 U	97	**72**	**110**	**86**	**83**	**51**	40 U
Diisopropyl ether (DIPE) (Isopro	70.								4 U	4 U	4 U	4 U	5 U	
Ethylbenzene	600.			0.81 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Hexachlorobutadiene	0.4			0.81 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Iodomethane				1 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Isopropylbenzene (Cumene)	70.			0.42 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Methyl Tert-butyl Ether	20.			1.67 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Methylene chloride	5.			9.7 U	5 U	5 U	20 U	40 U	20 U	20 U	20 U	20 U	25 U	40 U
Naphthalene	6.			1.67 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
N-Butylbenzene	70.			0.54 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
N-Propylbenzene	70.			0.44 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
p-Isopropyltoluene (4-Isopropylt	25.			0.55 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Sec-butylbenzene	70.			0.47 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Styrene	70.			0.69 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Tert-butylbenzene	70.			0.46 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Tetrachloroethene	0.7			0.51 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Tetrahydrofuran														
Toluene	600.			0.95 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
trans-1,2-Dichloroethene	100.			0.33 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
trans-1,3-Dichloropropene	0.4			0.81 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
trans-1,4-dichloro-2-butene				1 U	5 U	5 U	20 U	40 U	20 U	20 U	20 U	20 U	25 U	40 U
Trichloroethene	3.			0.5 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Trichlorofluoromethane	2000.			0.39 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Vinyl Acetate	88.													
Vinyl Chloride	0.03			0.72 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Xylene (total)	500.													
Xylene,o-				0.46 U	1 U	1 U	4 U	8 U	4 U	4 U	4 U	4 U	5 U	8 U
Xylenes,m+p-				0.83 U	2 U	2 U	8 U	16 U	8 U	8 U	8 U	8 U	10 U	16 U
VOC TICs														
1,4-Dioxane (p-dioxane)	3.													

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-DIKE

Chemical Parameter	NC2L 1/1/10	M-4-150 11/16/04	M-4-150 5/17/05	M-4-150 11/15/05	M-4-150 5/16/06	M-4-150 11/14/06	M-4-150 5/21/07	M-4-150 11/5/07	M-4-150 5/13/08	M-4-150 11/4/08	M-4-150 5/19/09	M-4-150 11/3/09	M-4-150 5/3/10
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**39**	**48.2**	**45.2**	**45.4**	**41.7**	**33.5**	**41.7**	**32.8**	**26.2**	**29.8**	**26.7**	**21.4**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	**1.16**	**1.47**	**1.27**	**1.47**	1 U	1 U	**1.32**	**1.17**	1 U	**1.11**	**1.05**	1 U
1,1-Dichloroethane	6.	**5.23**	**5.64**	**5.68**	**6.32**	1 U	**4.46**	**5.11**	**4.36**	**3.75**	**3.91**	**3.72**	**3.41**
1,1-Dichloroethene	350.	**148**	**297**	**298**	**320**	**288**	**177**	**270**	**229**	**232**	**194**	**198**	**179**
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	**2.6**	**2.75**	**2.15**	**3.07**	1 U	**2.76**	**2.52**	**2.19**	**1.9**	**2.17**	**2.07**	**1.55**
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	4000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	24.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	4.												
Acrylonitrile													
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	10.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	5 U	**12.6**	**13.8**	**10.1**	5 U	**5.83**	**8.27**	**6.49**	**5.12**	**5.45**	**5.08**	5 U
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran													
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	88.												
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.												
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
VOC TICs												None detected	
1,4-Dioxane (p-dioxane)	3.											**14.1**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-DIKE

Chemical Parameter	NC2L 1/1/10	M-4-150 11/1/10	M-4-150 5/2/11	M-4-150 11/7/11	M-4-150 5/7/12	M-4-150-IBM 5/7/12	M-4-150 11/3/12	M-4-150-IBI 11/3/12	M-4-150 5/6/13	M-4-150-IBM 5/6/13	M-4-150 11/4/13	M-4-150 5/5/14		M-4-150 11/3/14
1,1,1,2-Tetrachloroethane	1.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,1,1-Trichloroethane	200.	**25**	**21**	**16**	**15**	**17**	**15**	**18**	**11**	**18**	**12**	**12**	**D**	**13**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
1,1,2-Trichloroethane	0.6	**1.1 J**	**1.1**	2 U	**0.88 J**	**1**	2 U	**0.9**	0.96 J	**0.9**	**0.93 J**	2 U		2 U
1,1-Dichloroethane	6.	**4.1**	**2.7**	**3.1**	**2.6**	**2.9**	**2.8**	**3.4**	**3.1**	**3.4**	**2.6**	**2.3**	**D**	**3.3**
1,1-Dichloroethene	350.	**270**	**190**	**200**	**170**	**160**	**190**	**160**	**210**	**200**	**160**	**170**	**D**	**210**
1,1-Dichloropropene		1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,2,3-Trichlorobenzene		1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,2,3-Trichloropropane	0.005	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,2,4-Trichlorobenzene	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,2,4-Trimethylbenzene	400.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,2-Dibromoethane (Ethylene di	0.02	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
1,2-Dichlorobenzene	20.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
1,2-Dichloroethane	0.4	**2.1**	**2.1**	**1.2 J**	**1.4**	**1.8**	**1.8 J**	**1.9**	2 U	**1.8**	**1.6**	**1.1**	**JD**	2 U
1,2-Dichloropropane	0.6	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
1,3,5-Trimethylbenzene	400.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,3-Dichlorobenzene	200.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
1,3-Dichloropropane		1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
1,4-Dichlorobenzene	6.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
2,2-Dichloropropane		1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
2-Butanone (MEK)	4000.	25 U	25 U	10 U	5 U	5 U	10 U	5 U	10 U		5 U	10 U		10 U
2-Chloroethyl Vinyl Ether		5 U	5 U	10 U	5 U		10 U		10 U		5 U	10 U		10 U
2-Chlorotoluene	100.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
2-Hexanone	40.	5 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U		5 U	10 U		10 U
4-Chlorotoluene	24.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
4-Methyl-2-pentanone		5 U	5 U	10 U	5 U		10 U		10 U		5 U	10 U		10 U
Acetone	6000.	25 U	25 U	10 U	5 U	5 U	10 U	5 U	10 U		5 U	10 U		10 U
Acrolein	4.													
Acrylonitrile														
Benzene	1.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Bromobenzene		1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Bromochloromethane		1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Bromodichloromethane	0.6	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Bromoform	4.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Bromomethane	10.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Carbon Disulfide	700.	1 U	1 U	2 U	5 U	0.5 U	10 U	0.5 U	10 U		5 U	10 U		10 U
Carbon Tetrachloride	0.3	1 U	1 U	**2.6**	1 U	0.5 U	2 U	0.5 U	2 U		1 U	**1.9**	**JD**	2 U
Chlorobenzene	50.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Chloroethane	3000.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Chloroform	70.	1 U	1 U	2 U	1 U	**0.2 J**	2 U	**0.2 J**	2 U	**0.3 J**	1 U	2 U		2 U
Chloromethane	3.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
cis-1,2-Dichloroethene	70.	1 U	1 U	2 U	1 U	**0.3 J**	2 U	**0.3 J**	2 U	**0.3 J**	1 U	2 U		2 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Dibromochloromethane	0.4	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Dibromomethane	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Dichlorodifluoromethane	1000.	**5**	**4.4**	**3.2**	**4.0**	**4.3**	**3.3 J**	**5**	**2.9**	**4.2**	**3.5**	**3.8**	**D**	**4.6**
Diisopropyl ether (DIPE) (Isopro	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Ethylbenzene	600.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Hexachlorobutadiene	0.4	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Iodomethane		1 U	1 U	2 U										
Isopropylbenzene (Cumene)	70.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Methyl Tert-butyl Ether	20.	1 U	1 U	2 U	1 U	**0.2 J**	2 U	**0.1 J**	2 U	**0.1 J**	1 U	2 U		2 U
Methylene chloride	5.	5 U	5 U	2 U	1 U	0.5 U	**1.2 J**	0.5 U	2 U		1 U	2 U		2 U
Naphthalene	6.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
N-Butylbenzene	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
N-Propylbenzene	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
p-Isopropyltoluene (4-Isopropylt	25.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Sec-butylbenzene	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Styrene	70.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Tert-butylbenzene	70.	1 U	1 U	2 U	1 U		2 U		2 U		1 U	2 U		2 U
Tetrachloroethene	0.7	1 U	1 U	2 U	1 U	**0.2 J**	2 U	**0.2 J**	2 U	**0.2 J**	1 U	2 U		2 U
Tetrahydrofuran														
Toluene	600.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
trans-1,2-Dichloroethene	100.	1 U	1 U	2 U	1 U	**0.1 J**	2 U	**0.1 J**	2 U	**0.1 J**	1 U	2 U		2 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
trans-1,4-dichloro-2-butene		5 U	5 U											
Trichloroethene	3.	1 U	1 U	2 U	1 U	**0.2 J**	2 U	**0.2 J**	2 U	**0.2 J**	1 U	2 U		2 U
Trichlorofluoromethane	2000.	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Vinyl Acetate	88.													
Vinyl Chloride	0.03	1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Xylene (total)	500.				3U		6 U		6 U		3U	6 U		6 U
Xylene,o-		1 U	1 U	2 U	1 U	0.5 U	2 U	0.5 U	2 U		1 U	2 U		2 U
Xylenes,m+p-		2 U	2 U	6 U	2 U	0.5 U	4 U	0.5 U	4 U		2 U	4 U		4 U
VOC TICs														
1,4-Dioxane (p-dioxane)	3.											**6.97**		**6.43**

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-4-DIKE

Chemical Parameter	NC2L 1/1/10		M-4-150 5/4/15		M-4-150R IBM 5/4/15		M-4-150 11/3/15		M-4-150 5/2/16	
1,1,1,2-Tetrachloroethane	1.		2 U				2 U		2 U	
1,1,1-Trichloroethane	200.	D	**11**	D	**10**		**7.3**	D	**9.4**	D
1,1,2,2-Tetrachloroethane	0.2		2 U		0.5U		2 U		2 U	
1,1,2-Trichloroethane	0.6		2 U		**0.7**		2 U		2 U	
1,1-Dichloroethane	6.	D	**2.8**	D	**2.5**		**1.9**	JD	**2.2**	D
1,1-Dichloroethene	350.	D	**180**	D	**130**		**130**	D	**170**	D
1,1-Dichloropropene			2 U				2 U		2 U	
1,2,3-Trichlorobenzene			2 U				2 U		2 U	
1,2,3-Trichloropropane	0.005		2 U				2 U		2 U	
1,2,4-Trichlorobenzene	70.		2 U		0.5U		2 U		2 U	
1,2,4-Trimethylbenzene	400.		2 U				2 U		2 U	
1,2-Dibromo-3-chloropropane	0.04		2 U		0.5U		2 U		2 U	
1,2-Dibromoethane (Ethylene di	0.02		2 U		0.5U		2 U		2 U	
1,2-Dichlorobenzene	20.		2 U		0.5U		2 U		2 U	
1,2-Dichloroethane	0.4		2 U		**1.5**		2 U		**1.6**	JD
1,2-Dichloropropane	0.6		2 U		0.5U		2 U		2 U	
1,3,5-Trimethylbenzene	400.		2 U				2 U		2 U	
1,3-Dichlorobenzene	200.		2 U		0.5U		2 U		2 U	
1,3-Dichloropropane			2 U				2 U		2 U	
1,4-Dichlorobenzene	6.		2 U		0.5U		2 U		2 U	
2,2-Dichloropropane			2 U				2 U		2 U	
2-Butanone (MEK)	4000.		10 U		0.5U		10 U		10 U	
2-Chloroethyl Vinyl Ether			10 U				10 U		10 U	
2-Chlorotoluene	100.		2 U				2 U		2 U	
2-Hexanone	40.		10 U		0.5U		10 U		10 U	
4-Chlorotoluene	24.		2 U				2 U		2 U	
4-Methyl-2-pentanone			10 U		0.5U		10 U		10 U	
Acetone	6000.		10 U		0.5U		10 U		10 U	
Acrolein	4.				0.5U					
Acrylonitrile										
Benzene	1.		2 U		0.5U		2 U		2 U	
Bromobenzene			2 U				2 U		2 U	
Bromochloromethane			2 U				2 U		2 U	
Bromodichloromethane	0.6		2 U		0.5U		2 U		2 U	
Bromoform	4.		2 U		0.5U		2 U		2 U	
Bromomethane	10.		2 U		0.5U		2 U		2 U	
Carbon Disulfide	700.		10 U		0.5U		10 U		10 U	
Carbon Tetrachloride	0.3		2 U		0.5U		2 U		2 U	
Chlorobenzene	50.		2 U		0.5U		2 U		2 U	
Chloroethane	3000.		2 U		0.5U		2 U		2 U	
Chloroform	70.		2 U		**0.1**	J	2 U		2 U	
Chloromethane	3.		2 U		0.5U		2 U		2 U	
cis-1,2-Dichloroethene	70.		2 U		**0.2**	J	2 U		2 U	
cis-1,3-Dichloropropene	0.4		2 U		0.5U		2 U		2 U	
Dibromochloromethane	0.4		2 U				2 U		2 U	
Dibromomethane	70.		2 U				2 U		2 U	
Dichlorodifluoromethane	1000.	D	**3.4**	D	**2.3**		**3.1**	D	**3.6**	D
Diisopropyl ether (DIPE) (Isopro	70.		2 U				2 U		2 U	
Ethylbenzene	600.		2 U		0.5U		2 U		2 U	
Hexachlorobutadiene	0.4		2 U				2 U		2 U	
Iodomethane										
Isopropylbenzene (Cumene)	70.		2 U		0.5U		2 U		2 U	
Methyl Tert-butyl Ether	20.		2 U		**0.1**	J	2 U		2 U	
Methylene chloride	5.		2 U		0.5U		2 U		2 U	
Naphthalene	6.		2 U				2 U		2 U	
N-Butylbenzene	70.		2 U				2 U		2 U	
N-Propylbenzene	70.		2 U				2 U		2 U	
p-Isopropyltoluene (4-Isopropylt	25.		2 U				2 U		2 U	
Sec-butylbenzene	70.		2 U				2 U		2 U	
Styrene	70.		2 U		0.5U		2 U		2 U	
Tert-butylbenzene	70.		2 U				2 U		2 U	
Tetrachloroethene	0.7		2 U		**0.2**	J	2 U		2 U	
Tetrahydrofuran										
Toluene	600.		2 U		0.5U		2 U		2 U	
trans-1,2-Dichloroethene	100.		2 U		0.5U		2 U		2 U	
trans-1,3-Dichloropropene	0.4		2 U		0.5U		2 U		2 U	
trans-1,4-dichloro-2-butene										
Trichloroethene	3.		2 U		**0.1**	J	2 U		2 U	
Trichlorofluoromethane	2000.		2 U		0.5U		2 U		2 U	
Vinyl Acetate	88.									
Vinyl Chloride	0.03		2 U		0.5U		2 U		2 U	
Xylene (total)	500.		6 U				6 U		6 U	
Xylene,o-			2 U		0.5U		2 U		2 U	
Xylenes,m+p-			4 U				4 U		4 U	
VOC TICs										
1,4-Dioxane (p-dioxane)	3.		**7.11**				**7.35**		**7.0**	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-5-50

Chemical Parameter	NC2L (1/1/2010)	M5-50 4/28/93	M5-50 10/26/95	M5-50 4/24/96	M5-50 10/24/96	M5-50-Replicate 10/24/96	M5-50 8/26/97	M5-50 11/26/97	M5-50 2/24/98	M5-50 5/28/98	M-5-50 8/31/98	M-5-50 11/19/98
1,1,1,2-Tetrachloroethane		1 U	0.13 U	1 U	1 U	1 U		1 U	0.66 U	1 U	0.66 U	1 U
1,1,1-Trichloroethane	200.	1 U	0.08 U	1 U	1 U	1 U	1 U	1 U	0.54 U	1 U	0.54 U	1 U
1,1,2,2-Tetrachloroethane	0.2		0.11 U	1 U	1 U	1 U		1 U	0.8 U	1 U	0.8 U	1 U
1,1,2-Trichloroethane		1 U	0.1 U	1 U	1 U	1 U		1 U	0.89 U	1 U	0.89 U	1 U
1,1-Dichloroethane	6.	1 U	0.43 U	1 U	1 U	1 U	1 U	1 U	0.45 U	1 U	0.45 U	1 U
1,1-Dichloroethene	350.	1 U	0.29 U	1 U	1 U	1 U	1 U	1 U	0.55 U	1 U	0.55 U	1 U
1,1-Dichloropropene								1 U	0.74 U	1 U	0.74 U	1 U
1,2,3-Trichlorobenzene								1 U	1 U	1 U	1.2 U	1 U
1,2,3-Trichloropropane	0.005		0.12 U	1 U	1 U	1 U		1 U	0.87 U	1 U	0.87 U	1 U
1,2,4-Trichlorobenzene	70.							1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.							1 U	0.51 U	1 U	0.51 U	1 U
1,2-Dibromo-3-chloropropane	0.04							5 U	1.2 U	5 U	1.2 U	5 U
1,2-Dibromoethane								1 U	0.48 U	1 U	0.48 U	1 U
1,2-Dichlorobenzene	20.				1 U	1 U	1 U	1 U	0.78 U	1 U	0.78 U	1 U
1,2-Dichloroethane	0.4	1 U	0.12 U	1 U	1 U	1 U		1 U	0.64 U	1 U	0.64 U	1 U
1,2-Dichloropropane	0.6		0.1 U	1 U	1 U	1 U		1 U	0.48 U	1 U	0.48 U	1 U
1,3,5-Trimethylbenzene	400.							1 U	0.5 U	1 U	0.5 U	1 U
1,3-Dichlorobenzene	200.				1 U	1 U	1 U	1 U	0.67 U	1 U	0.67 U	1 U
1,3-Dichloropropane								1 U	0.73 U	1 U	0.73 U	1 U
1,4-Dichlorobenzene	6.				1 U	1 U	1 U	1 U	0.75 U	1 U	0.75 U	1 U
2,2-Dichloropropane								1 U	0.56 U	1 U	0.56 U	1 U
2-Butanone	4000.							25 U	3.1 U	25 U	3.1 U	25 U
2-Chloroethyl Vinyl Ether					1 U	1 U	1 U	5 U	0.89 U	5 U	0.89 U	5 U
2-Chlorotoluene	100.							1 U	0.51 U	1 U	0.51 U	1 U
2-Hexanone								5 U	4.1 U	5 U	4.1 U	5 U
4-Chlorotoluene								1 U	0.53 U	1 U	0.53 U	1 U
4-Methyl-2-pentanone								5 U	3.1 U	5 U	3.1 U	5 U
Acetone	6000.		0.1 U	1 U	1 U	1 U	1 U	25 U	3.9 U	25 U	3.9 U	25 U
Acrolein								50 U	25 U	50 U	25 U	100 U
Acrylonitrile								50 U	25 U	50 U	25 U	100 U
Benzene	1.	1 U	0.08 U	1 U	**0.09 J**	1 U	1 U	1 U	0.4 U	1 U	0.4 U	1 U
Bromobenzene			0.21 U	1 U	1 U	1 U	1 U	1 U	0.69 U	1 U	0.69 U	1 U
Bromochloromethane								1 U	0.75 U	1 U	0.75 U	1 U
Bromodichloromethane	0.6		0.06 U	1 U	1 U	1 U	1 U	1 U	0.91 U	1 U	0.91 U	1 U
Bromoform	4.		0.12 U	1 U	1 U	1 U	1 U	1 U	0.84 U	1 U	0.84 U	1 U
Bromomethane			0.08 U	1 U	1 U	1 U	1 U	1 U	0.58 U	1 U	0.58 U	1 U
Carbon Disulfide	700.							1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3		0.08 U	1 U	1 U	1 U	1 U	1 U	0.62 U	1 U	0.62 U	1 U
Chlorobenzene	50.	1 U	0.05 U	1 U	1 U	1 U		1 U	0.54 U	1 U	0.54 U	1 U
Chloroethane	3000.		0.17 U	1 U	1 U	1 U	1 U	1 U	0.69 U	1 U	0.69 U	1 U
Chloroform	70.	1 U	0.12 U	1 U	1 U	1 U	1 U	1 U	0.67 U	1 U	0.67 U	1 U
Chloromethane	3.		0.11 U	1 U	1 U	1 U	1 U	1 U	0.86 U	1 U	0.86 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.32 U	1 U	1 U	1 U		1 U	0.5 U	1 U	0.5 U	1 U
cis-1,3-Dichloropropene	0.4		0.09 U	1 U	1 U	1 U	1 U	1 U	0.67 U	1 U	0.67 U	1 U
Dibromochloromethane	0.4	1 U	0.12 U	1 U	1 U	1 U	1 U	1 U	0.79 U	1 U	0.79 U	1 U
Dibromomethane			0.022 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U
Dichlorodifluoromethane	1000.		0.13 U	1 U	1 U	1 U	1 U	5 U	0.81 U	5 U	0.81 U	5 U
Diisopropyl Ether	70.											
Ethylbenzene	600.	1 U	0.05 U	1 U	1 U	1 U	1 U	1 U	0.81 U	1 U	0.81 U	1 U
Hexachlorobutadiene	0.4							1 U	0.81 U	1 U	0.81 U	1 U
Iodomethane								1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	70.							1 U	0.42 U	1 U	0.42 U	1 U
Methyl Tert-butyl Ether	20.							1 U	1 U	1 U	1.7 U	1 U
Methylene chloride	5.	1 U	0.19 U	1 U	1 U	1 U	1 U	5 U	5 U	5 U	9.7 U	5 U
Naphthalene	6.							1 U	1 U	1 U	1.7 U	1 U
N-Butylbenzene	70.							1 U	0.54 U	1 U	0.54 U	1 U
N-Propylbenzene	70.							1 U	0.44 U	1 U	0.44 U	1 U
p-Isopropyltoluene								1 U	0.55 U	1 U	0.55 U	1 U
Sec-butylbenzene	70.							1 U	0.47 U	1 U	0.47 U	1 U
Styrene	70.							1 U	0.69 U	1 U	0.69 U	1 U
Tert-butylbenzene	70.							1 U	0.46 U	1 U	0.46 U	1 U
Tetrachloroethene	0.7	1 U	0.1 U	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U	0.51 U	1 U
Tetrahydrofuran			0.1 U	1 U	1 U	1 U	1 U					
Toluene	600.	1 U	0.05 U	1 U	1 U	1 U	1 U	1 U	0.95 U	1 U	0.95 U	1 U
trans-1,2-Dichloroethene	100.							1 U	0.33 U	1 U	0.33 U	1 U
trans-1,3-Dichloropropene	0.4		0.1 U	1 U	1 U	1 U		1 U	0.81 U	1 U	0.81 U	1 U
trans-1,4-dichloro-2-butene								5 U	1 U	5 U	1 U	5 U
Trichloroethene	3.	1 U	0.09 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	1 U
Trichlorofluoromethane	2000.	1 U	0.21 U	1 U	1 U	1 U	1 U	1 U	0.39 U	1 U	0.39 U	1 U
Vinyl Acetate												
Vinyl Chloride	0.03	1 U	0.17 U	1 U	1 U	1 U	1 U	1 U	0.72 U	1 U	0.72 U	1 U
Xylene (total)	500.	1 U	0.11 U	2 U	2 U	2 U	2 U					
Xylene,o-								1 U	0.46 U	1 U	0.46 U	1 U
Xylenes,m+p-								2 U	0.83 U	2 U	0.83 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-5-50

Chemical Parameter	NC2L (1/1/2010)	M-5-50 2/23/99	M-5-50 8/27/99	M-5-5--DUP 8/27/99	M-5-50 2/21/00	M-5-50 8/18/00	M-5-50 11/7/00	M-5-50 5/22/01	M-5-50 11/6/01	M-5-50 5/21/02	M-5-50 11/20/02	M-5-50 5/20/02
1,1,1,2-Tetrachloroethane		0.66 U	0.66 U	0.66 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	0.54 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	0.8 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane		0.89 U	0.89 U	0.89 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	0.45 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	0.55 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene		0.74 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene		1.18 U	1.18 U	1.18 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005	0.87 U	0.87 U	0.87 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.	1.02 U	1.02 U	1.02 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	1.24 U	1.24 U	1.24 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane		0.48 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.	0.78 U	0.78 U	0.78 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	0.64 U	0.64 U	0.64 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	0.48 U	0.48 U	0.48 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.	0.67 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane		0.73 U	0.73 U	0.73 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.	0.75 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane		0.56 U	0.56 U	0.56 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	4000.	3.1 U	3.1 U	3.1 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether		0.89 U	0.89 U	0.89 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	100.	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone		4.08 U	4.08 U	4.08 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene		0.53 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone		3.15 U	3.15 U	3.15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6000.	3.9 U	3.9 U	3.9 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein		25 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrylonitrile		25 U	25 U	25 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Benzene	1.	0.4 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene		0.69 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane		0.75 U	0.75 U	0.75 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.6	0.91 U	0.91 U	0.91 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	4.	0.84 U	0.84 U	0.84 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane		0.58 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	0.62 U	0.62 U	0.62 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	50.	0.54 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3000.	0.69 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	70.	0.67 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	3.	0.86 U	0.86 U	0.86 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.67 U	0.67 U	0.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	0.4	0.79 U	0.79 U	0.79 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.	0.81 U	0.81 U	0.81 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diisopropyl Ether	70.							1 U	1 U	1 U	1 U	1 U
Ethylbenzene	600.	0.81 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4	0.81 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	70.	0.42 U	0.42 U	0.42 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.	1.67 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5.	9.7 U	9.7 U	9.7 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	6.	1.67 U	1.67 U	1.67 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	70.	0.54 U	0.54 U	0.54 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	70.	0.44 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-Isopropyltoluene		0.55 U	0.55 U	0.55 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sec-butylbenzene	70.	0.47 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	70.	0.69 U	0.69 U	0.69 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-butylbenzene	70.	0.46 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	0.7	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran												
Toluene	600.	0.95 U	0.95 U	0.95 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.	0.33 U	0.33 U	0.33 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	0.81 U	0.81 U	0.81 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene		1 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	3.	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	0.39 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate												
Vinyl Chloride	0.03	0.72 U	0.72 U	0.72 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	500.											
Xylene,o-		0.46 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes,m+p-		0.83 U	0.83 U	0.83 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-5-50

Chemical Parameter	NC2L (1/1/2010)	M-5-50 11/11/03	M-5-50 5/18/04	M-5-50 11/16/04	M-5-50 5/17/05	M-5-50 11/15/05	M-5-50 5/16/06	M-5-50-IBM 5/10/12	M-5-50-IBM 11/3/12	M-5-50-IBM 5/7/13	M-5-50 IBM 5/5/15
1,1,1,2-Tetrachloroethane		1 U	1 U	1 U	1 U	1 U	1 U				
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,1,2-Trichloroethane		1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,1-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 U				
1,2,3-Trichlorobenzene		1 U	1 U	1 U	1 U	1 U	1 U				
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U	1 U				
1,2,4-Trichlorobenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U				0.5U
1,2,4-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U				
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U				0.5U
1,2-Dibromoethane		1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,2-Dichlorobenzene	20.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,3,5-Trimethylbenzene	400.	1 U	1 U	1 U	1 U	1 U	1 U				
1,3-Dichlorobenzene	200.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
1,3-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U				
1,4-Dichlorobenzene	6.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
2,2-Dichloropropane		1 U	1 U	1 U	1 U	1 U	1 U				
2-Butanone	4000.	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	0.5U
2-Chloroethyl Vinyl Ether		5 U	5 U	5 U	5 U	5 U	5 U				
2-Chlorotoluene	100.	1 U	1 U	1 U	1 U	1 U	1 U				
2-Hexanone		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.5U
4-Chlorotoluene		1 U	1 U	1 U	1 U	1 U	1 U				
4-Methyl-2-pentanone		5 U	5 U	5 U	5 U	5 U	5 U				0.5U
Acetone	6000.	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	0.5U
Acrolein											0.5U
Acrylonitrile											
Benzene	1.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Bromobenzene		1 U	1 U	1 U	1 U	1 U	1 U				
Bromochloromethane		1 U	1 U	1 U	1 U	1 U	1 U				
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Bromoform	4.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Bromomethane		1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Carbon Disulfide	700.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Chloroform	70.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U	1 U				
Dibromomethane		1 U	1 U	1 U	1 U	1 U	1 U				
Dichlorodifluoromethane	1000.	5 U	5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5U
Diisopropyl Ether	70.	1 U	1 U	1 U	1 U	1 U	1 U				
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Hexachlorobutadiene	0.4	1 U	1 U	1 U	1 U	1 U	1 U				
Iodomethane		1 U	1 U	1 U	1 U	1 U	1 U				
Isopropylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Methyl Tert-butyl Ether	20.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Methylene chloride	5.	5 U	5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5U
Naphthalene	6.	1 U	1 U	1 U	1 U	1 U	1 U				
N-Butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U				
N-Propylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U				
p-Isopropyltoluene		1 U	1 U	1 U	1 U	1 U	1 U				
Sec-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U				
Styrene	70.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Tert-butylbenzene	70.	1 U	1 U	1 U	1 U	1 U	1 U				
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Tetrahydrofuran											
Toluene	600.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
trans-1,2-Dichloroethene	100.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
trans-1,4-dichloro-2-butene		5 U	5 U	5 U	5 U	5 U	5 U				
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Vinyl Acetate											
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Xylene (total)	500.										
Xylene,o-		1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5U
Xylenes,m+p-		2 U	2 U	2 U	2 U	2 U	2 U	0.5 U	0.5 U	0.5 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-6-300

Chemical Parameter	NC2L (1/1/2010)	Chemical Para	NC2L (1/1/2010)	M-6-300 10/25/93	M-6-300 10/30/95	M-6-300 10/24/96
1,1,1,2-Tetrachloroethane		1,1,1,2-Tetrachloroethane		1 U	0.06 U	1 U
1,1,1-Trichloroethane	200.	1,1,1-Trichloroe	200.	1 U	0.05 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1,1,2,2-Tetrach	0.2		0.25 U	1 U
1,1,2-Trichloroethane		1,1,2-Trichloroethane		0.5 U	0.07 U	1 U
1,1-Dichloroethane	6.	1,1-Dichloroeth	6.	1 U	0.05 U	1 U
1,1-Dichloroethene	350.	1,1-Dichloroeth	7.	1 U	0.06 U	1 U
1,2,3-Trichloropropane	0.005	1,2,3-Trichlorop	0.005		0.07 U	1 U
1,2-Dichlorobenzene	20.	1,2-Dichlorober	20.			1 U
1,2-Dichloroethane	0.4	1,2-Dichloroeth	0.4	0.5 U	0.05 U	1 U
1,2-Dichloropropane	0.6	1,2-Dichloropro	0.6		0.04 U	1 U
1,3-Dichlorobenzene	200.	1,3-Dichlorober	200.			1 U
1,4-Dichlorobenzene	6.	1,4-Dichlorober	6.			1 U
2-Chloroethyl Vinyl Ether		2-Chloroethyl Vinyl Ether				1 U
Acetone	6000.	Acetone	6000.		23.9	24
Benzene	1.	Benzene	1.	0.5 U	**0.65**	**0.51 J**
Bromobenzene		Bromobenzene			0.09 U	1 U
Bromodichloromethane	0.6	Bromodichloron	0.6		0.11 U	1 U
Bromoform	4.	Bromoform	4.		0.05 U	1 U
Bromomethane		Bromomethane			0.11 U	1 U
Carbon Tetrachloride	0.3	Carbon Tetrach	0.3		0.09 U	1 U
Chlorobenzene	50.	Chlorobenzene	50.	1 U	0.12 U	1 U
Chloroethane	3000.	Chloroethane	3000.		0.05 U	1 U
Chloroform	70.	Chloroform	70.	1 U	0.07 U	1 U
Chloromethane	3.	Chloromethane	3.		0.09 J	0.43 J
cis-1,2-Dichloroethene	70.	cis-1,2-Dichloro	70.	1 U	0.05 U	1 U
cis-1,3-Dichloropropene	0.4	cis-1,3-Dichloro	0.4		0.07 U	1 U
Dibromochloromethane	0.4	Dibromochloron	0.4	1 U	0.04 U	1 U
Dibromomethane		Dibromomethane			0.04 U	1 U
Dichlorodifluoromethane	1000.	Dichlorodifluoro	1000.		0.1 U	1 U
Ethylbenzene	600.	Ethylbenzene	600.	1 U	0.02 U	1 U
Methylene chloride	5.	Methylene chlo	5.	1 U	**0.01 J**	1 U
Tetrachloroethene	0.7	Tetrachloroethe	0.7	1 U	0.07 U	1 U
Tetrahydrofuran		Tetrahydrofuran			1 U	1 U
Toluene	600.	Toluene	600.	1 U	**0.12**	**0.11 J**
trans-1,3-Dichloropropene	0.4	trans-1,3-Dichlo	0.4		0.06 U	1 U
Trichloroethene	3.	Trichloroethene	3.	1 U	0.05 U	1 U
Trichlorofluoromethane	2000.	Trichlorofluoron	2000.	1 U	0.06 U	1 U
Vinyl Chloride	0.03	Vinyl Chloride	0.03	1 U	**0.02 J**	1 U
Xylene (total)	500.	Xylene (total)	500.	1 U	0.04 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-6-55

Chemical Parameter	NC2L (1/1/2010)	M-6-55 1/16/93	M-6-55 10/20/93	M-6-55 10/30/95	M-6-55-Replicate 10/30/95	M-6-55 1/31/96	M-6-55 10/17/96	M-6-55-Replicate 10/17/96	M-6-55 1/22/97
1,1,1,2-Tetrachloroethane		1 U	1 U	0.06 U	0.06 U	0.24 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	1 U	0.05 U	0.05 U	0.11 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2			0.25 U	0.25 U	0.17 U	1 U	1 U	1 U
1,1,2-Trichloroethane		1 U	0.5 U	0.07 U	0.07 U	0.27 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	1 U	0.05 U	0.05 U	0.08 U	1 U	1 U	1 U
1,1-Dichloroethene	350.	1 U	1 U	0.06 U	0.06 U	0.06 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005			0.07 U	0.07 U	0.33 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.						1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.5 U	0.05 U	0.05 U	0.19 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6			0.04 U	0.04 U	0.2 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.						1 U	1 U	1 U
1,4-Dichlorobenzene	6.						1 U	1 U	1 U
2-Chloroethyl Vinyl Ether							1 U	1 U	1 U
Acetone	6000.			0.09 U	0.09 U	1 U	1 U	1 U	1 U
Benzene	1.		0.5 U	0.02 U	0.02 U	0.11 U	1 U	1 U	1 U
Bromobenzene				0.09 U	0.09 U	0.09 U	1 U	1 U	1 U
Bromodichloromethane	0.6			0.11 U	0.11 U	0.2 U	1 U	1 U	1 U
Bromoform	4.			0.05 U	0.05 U	0.31 U	1 U	1 U	1 U
Bromomethane				0.11 U	0.11 U	0.11 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3			0.09 U	0.09 U	0.07 U	1 U	1 U	1 U
Chlorobenzene	50.		1 U	0.12 U	0.12 U	0.24 U	1 U	1 U	1 U
Chloroethane	3000.			0.05 U	0.05 U	0.09 U	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	0.07 U	0.07 U	0.07 U	1 U	1 U	1 U
Chloromethane	3.			0.02 J	0.02 J	2.78	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	0.05 U	0.05 U	0.1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4			0.06 U	0.06 U	0.25 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	0.04 U	0.04 U	0.27 U	1 U	1 U	1 U
Dibromomethane				0.04 U	0.04 U	0.22 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.			0.1 U	0.1 U	0.08 U	1 U	1 U	1 U
Ethylbenzene	600.		1 U	0.02 U	0.02 U	0.2 U	1 U	1 U	1 U
Methylene chloride	5.	1 U	1 U	0.09 U	0.09 U	0.08 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	0.07 U	0.07 U	0.2 U	1 U	1 U	1 U
Tetrahydrofuran				1 U	1 U	0.19 U	1 U	1 U	1 U
Toluene	600.		1 U	0.02 U	0.02 U	0.19 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			0.07 U	0.07 U	0.27 U	1 U	1 U	1 U
Trichloroethene	3.	1 U	1 U	0.05 U	0.05 U	0.25 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	0.06 U	0.06 U	0.04 U	1 U	1 U	1 U
Vinyl Chloride	0.03	1 U	1 U	0.16 U	0.16 U	0.08 U	1 U	1 U	1 U
Xylene (total)	500.		1 U	0.04 U	0.04 U	0.43 U	2 U	2 U	2 U

Diisopropyl Ether	70.

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-7-300

Chemical Parameter	NC2L (1/1/2010)	Chemical Para	NC2L (1/1/2010)	M-7-300 1/27/93	M-7-300-Replicate 1/27/93	M-7-300 4/15/93	M-7-300 10/26/94	M-7-300 4/11/95	M-7-300 10/26/95	M-7-300 1/31/96	M-7-300-Replicate 1/31/96
1,1,1,2-Tetrachloroethane		1,1,1,2-Tetrachloroethane		5 U	1 U		0.06 U	0.13 U	0.13 U	0.24 U	0.24 U
1,1,1-Trichloroethane	200.	1,1,1-Trichloroe	200.	5 U	1 U	1 U	0.09 U	0.08 U	0.08 U	0.11 U	0.11 U
1,1,2,2-Tetrachloroethane	0.2	1,1,2,2-Tetrach	0.2	5 U		1 U	0.25 U	0.11 U	0.11 U	0.17 U	0.17 U
1,1,2-Trichloroethane		1,1,2-Trichloroethane		5 U	1 U	1 U	0.04 U	0.1 U	0.1 U	0.27 U	0.27 U
1,1-Dichloroethane	6.	1,1-Dichloroeth	6.	5 U	1 U	1 U	0.17 U	0.43 U	0.43 U	0.08 U	0.08 U
1,1-Dichloroethene	350.	1,1-Dichloroeth	7.	5 U	1 U	1 U	0.07 U	0.29 U	0.29 U	0.06 U	0.06 U
1,2,3-Trichloropropane	0.005	1,2,3-Trichlorop	0.005				0.09 U	0.12 U	0.12 U	0.33 U	0.33 U
1,2-Dichlorobenzene	20.	1,2-Dichlorober	20.								
1,2-Dichloroethane	0.4	1,2-Dichloroeth	0.4	5 U	1 U	1 U	0.07 U	0.12 U	0.12 U	0.19 U	0.19 U
1,2-Dichloropropane	0.6	1,2-Dichloropro	0.6	5 U		1 U	0.05 U	0.1 U	0.1 U	0.2 U	0.2 U
1,3-Dichlorobenzene	200.	1,3-Dichlorober	200.								
1,4-Dichlorobenzene	6.	1,4-Dichlorober	6.								
2-Chloroethyl Vinyl Ether		2-Chloroethyl Vinyl Ether									
Acetone	6000.	Acetone	6000.	25 U		5 U	0.14 U	1.07	0.1 U	1 U	1 U
Benzene	1.	Benzene	1.	5 U		1 U	0.03 U	0.08 U	0.08 U	0.11 U	0.11 U
Bromobenzene		Bromobenzene					0.21 U	0.21 U	0.21 U	0.09 U	0.09 U
Bromodichloromethane	0.6	Bromodichloron	0.6	5 U		1 U	0.1 U	0.06 U	0.06 U	0.2 U	0.2 U
Bromoform	4.	Bromoform	4.	5 U		1 U	0.16 U	0.12 U	0.12 U	0.31 U	0.31 U
Bromomethane		Bromomethane		10 U		2 U	0.12 U	0.08 U	0.08 U	0.11 U	0.11 U
Carbon Disulfide	700.	Carbon Tetrach	0.3	5 U		1 U					
Carbon Tetrachloride	0.3	Chlorobenzene	50.	5 U		1 U	0.06 U	0.08 U	0.08 U	0.07 U	0.07 U
Chlorobenzene	50.	Chloroethane	3000.	5 U		1 U	0.07 U	0.05 U	0.05 U	0.24 U	0.24 U
Chloroethane	3000.	Chloroform	70.	5 U		2 U	0.07 U	0.17 U	0.17 U	0.09 U	0.09 U
Chloroform	70.	Chloromethane	3.	5 U	1 U	1 U	0.07 U	0.12 U	0.12 U	0.07 U	0.07 U
Chloromethane	3.	cis-1,2-Dichloro	70.	5 U		2 U	0.06 U	0.11 U	0.11 U	0.07 U	0.07 U
cis-1,2-Dichloroethene	70.	cis-1,3-Dichloro	0.4	5 U	1 U	1 U		0.32 U	0.32 U	0.1 U	0.1 U
cis-1,3-Dichloropropene	0.4	Dibromochloron	0.4	5 U		1 U	0.09 U	0.09 U	0.09 U	0.25 U	0.25 U
Dibromochloromethane	0.4	Dibromomethane		5 U	1 U	1 U	0.1 U	0.12 U	0.12 U	0.27 U	0.27 U
Dibromomethane		Dichlorodifluoro	1000.				0.14 U	0.22 U	0.22 U	0.22 U	0.22 U
Dichlorodifluoromethane	1000.	Ethylbenzene	600.				0.1 U	0.13 U	0.13 U	0.08 U	0.08 U
Ethylbenzene	600.	Methylene chlo	5.	5 U		1 U	0.05 U	0.05 U	0.05 U	0.2 U	0.2 U
Methyl Tert-butyl Ether	20.	Tetrachloroethe	0.7				0.16 U				
Methylene chloride	5.	Tetrahydrofuran		5 U	1 U	1 U	0.04 U	0.19 U	0.19 U	0.08 U	0.08 U
Tetrachloroethene	0.7	Toluene	600.	5 U	1 U	1 U	0.03 U	0.1 U	0.1 U	0.2 U	0.2 U
Tetrahydrofuran		trans-1,3-Dichlo	0.4				1 U	0.1 U	0.1 U	0.19 U	0.19 U
Toluene	600.	Trichloroethene	3.	5 U		1 U	0.05 U	0.05 U	0.05 U	0.19 U	0.19 U
trans-1,3-Dichloropropene	0.4	Trichlorofluoron	2000.	5 U		1 U	0.06 U	0.1 U	0.1 U	0.27 U	0.27 U
Trichloroethene	3.	Vinyl Chloride	0.03	5 U	1 U	1 U	0.12 U	0.09 U	0.09 U	0.25 U	0.25 U
Trichlorofluoromethane	2000.	Xylene (total)	500.	5 U	1 U	1 U	0.08 U	0.21 U	0.21 U	0.04 U	0.04 U
Vinyl Chloride	0.03			1 U	1 U	2 U	0.05 U	0.17 U	0.17 U	0.08 U	0.08 U
Xylene (total)	500.			5 U		1 U		0.11 U	0.11 U	0.43 U	0.43 U

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-7-300

Chemical Parameter	NC2L (1/1/2010)	M-7-300 4/23/96	M-7-300 7/24/96	M-7-300 10/8/96	M-7-300 1/21/97	M-7-300-Replicate 1/21/97	M-7-300-IBM 5/10/12	M-7-300-IBM 5/7/13
1,1,1,2-Tetrachloroethane		1 U	1 U	1 U	1 U	1 U		
1,1,1-Trichloroethane	200.	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U		
1,1,2-Trichloroethane		1 U	1 U	1 U	1 U	1 U		
1,1-Dichloroethane	6.	1 U	1 U	1 U	1 U	1 U		
1,1-Dichloroethene	350.	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U	1 U	1 U		
1,2-Dichlorobenzene	20.			1 U	1 U	1 U		
1,2-Dichloroethane	0.4	1 U	1 U	1 U	1 U	1 U		
1,2-Dichloropropane	0.6	1 U	1 U	1 U	1 U	1 U		
1,3-Dichlorobenzene	200.			1 U	1 U	1 U		
1,4-Dichlorobenzene	6.			1 U	1 U	1 U		
2-Chloroethyl Vinyl Ether				1 U	1 U	1 U		
Acetone	6000.	1 U	1 U	1.6	1 U	1 U		
Benzene	1.	1 U	1 U	1 U	1 U	1 U		
Bromobenzene		1 U	1 U	1 U	1 U	1 U		
Bromodichloromethane	0.6	1 U	1 U	1 U	1 U	1 U		
Bromoform	4.	1 U	1 U	1 U	1 U	1 U		
Bromomethane		1 U	1 U	1 U	1 U	1 U		
Carbon Disulfide	700.							
Carbon Tetrachloride	0.3	1 U	1 U	1 U	1 U	1 U		
Chlorobenzene	50.	1 U	1 U	1 U	1 U	1 U		
Chloroethane	3000.	1 U	1 U	1 U	1 U	1 U		
Chloroform	70.	1 U	1 U	1 U	1 U	1 U		
Chloromethane	3.	1 U	1 U	1 U	1 U	1 U		
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	1 U	1 U		
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U		
Dibromochloromethane	0.4	1 U	1 U	1 U	1 U	1 U		
Dibromomethane		1 U	1 U	1 U	1 U	1 U		
Dichlorodifluoromethane	1000.	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	600.	1 U	1 U	1 U	1 U	1 U		
Methyl Tert-butyl Ether	20.							
Methylene chloride	5.	1 U	1 U	1 U	1 U	1 U		
Tetrachloroethene	0.7	1 U	1 U	1 U	1 U	1 U		
Tetrahydrofuran		1 U	1 U	1 U	1 U	1 U		
Toluene	600.	1 U	1 U	1 U	1 U	1 U		
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U		
Trichloroethene	3.	1 U	1 U	1 U	1 U	1 U		
Trichlorofluoromethane	2000.	1 U	1 U	1 U	1 U	1 U		
Vinyl Chloride	0.03	1 U	1 U	1 U	1 U	1 U		
Xylene (total)	500.	2 U	2 U	2 U	2 U	2 U		

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-8-200

Chemical Parameter	NC2L (1/1/2010)	M-8-200 4/16/93	M-8-200 4/12/95	M-8-200 10/26/95	M-8-200 4/23/96	M-8-200 10/17/96	M-8-200 5/23/02	M-8-200 11/20/02	M-8-200 5/20/03	M-8-200R 5/18/04	M-8-200R 11/16/04	M-8-200R 5/17/05	M-8-200R 11/15/05
1,1,1,2-Tetrachloroethane		1 U	0.13 U	0.26 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200.	1 U	**4.71**	**17.4**	**0.62 J**	**14**	**1**	**6**	1 U	**17.9**	**5.1**	**2.92**	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	0.11 U	0.22 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,1,2-Trichloroethane		1 U	0.1 U	0.2 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,1-Dichloroethane	6.	1 U	**2.62**	**10**	**0.51 J**	**9.6**	**1**	**5**	1 U	**13.3**	**4.35**	**2.75**	1 U
1,1-Dichloroethene	350.	1 U	**10.6**	**42.9**	**2.2**	**41**	**6**	**32**	**5**	**52.8**	**17.6**	**10.1**	**3.76**
1,1-Dichloropropene							1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene							1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.005		0.12 U	0.24 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	400.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropan	0.04						5 U	10 U	5 U	10 U	5 U	5 U	5 U
1,2-Dibromoethane							1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2-Dichlorobenzene	20.					2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2-Dichloroethane	0.4	1 U	0.12 U	**0.17 J**	1 U	**0.55 J**	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,2-Dichloropropane	0.6	1 U	0.1 U	0.2 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	400.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,3-Dichlorobenzene	200.					2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,3-Dichloropropane							1 U	2 U	1 U	2 U	1 U	1 U	1 U
1,4-Dichlorobenzene	6.					2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
2,2-Dichloropropane							1 U	2 U	1 U	2 U	1 U	1 U	1 U
2-Butanone	4000.						25 U	50 U	25 U	**63.4**	25 U	25 U	25 U
2-Chloroethyl Vinyl Ether						2 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U
2-Chlorotoluene	100.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
2-Hexanone							5 U	10 U	5 U	10 U	5 U	5 U	5 U
4-Chlorotoluene							1 U	2 U	1 U	2 U	1 U	1 U	1 U
4-Methyl-2-pentanone							5 U	10 U	5 U	10 U	5 U	5 U	5 U
Acetone	6000.	5 U	0.1 U	0.2 U	1 U	2 U	25 U	50 U	25 U	50 U	25 U	25 U	25 U
Acrolein							100 U	200 U	100 U				
Acrylonitrile							100 U	200 U	100 U				
Benzene	1.	1 U	0.08 U	0.16 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Bromobenzene			0.21 U	0.42 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Bromochloromethane							1 U	2 U	1 U	2 U	1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	0.06 U	0.12 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Bromoform	4.	1 U	0.12 U	0.24 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Bromomethane		2 U	0.08 U	0.16 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Carbon Disulfide	700.	1 U					1 U	2 U	1 U	2 U	1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	0.08 U	0.16 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Chlorobenzene	50.	1 U	0.05 U	0.1 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Chloroethane	3000.	5 U	0.17 U	0.64 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Chloroform	70.	1 U	0.12 U	0.24 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Chloromethane	3.	1 U	0.11 U	0.22 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	0.32 U	0.64 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	0.09 U	0.18 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	0.12 U	0.24 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Dibromomethane			0.22 U	0.44 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Dichlorodifluoromethane	1000.		0.13 U	0.26 U	1 U	2 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U
Diisopropyl ether (DIPE)	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Ethylbenzene	600.	1 U	0.05 U	0.1 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Hexachlorobutadiene	0.4						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Iodomethane							1 U	2 U	1 U	2 U	1 U	1 U	1 U
Isopropylbenzene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Methyl Tert-butyl Ether	20.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Methylene chloride	5.	2 U	**0.12 J**	**0.65**	1 U	2 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U
Naphthalene	6.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
N-Butylbenzene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
N-Propylbenzene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
p-Isopropyltoluene							1 U	2 U	1 U	2 U	1 U	1 U	1 U
Sec-butylbenzene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Styrene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Tert-butylbenzene	70.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
Tetrachloroethene	0.7	1 U	0.1 U	0.2 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Tetrahydrofuran			0.1 U	0.2 U	1 U	2 U							
Toluene	600.	1 U	0.05 U	0.1 U	1 U	2 U	1 U	2 U	1 U	**5**	1 U	1 U	1 U
trans-1,2-Dichloroethene	100.						1 U	2 U	1 U	2 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	0.1 U	0.2 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
trans-1,4-dichloro-2-butene							5 U	10 U	5 U	10 U	5 U	5 U	5 U
Trichloroethene	3.	1 U	0.09 U	0.18 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	0.21 U	0.42 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Vinyl Acetate													
Vinyl Chloride	0.03	2 U	0.17 U	0.34 U	1 U	2 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U
Xylene (total)	500.	1 U	0.11 U	0.22 U	2 U	4 U							
Xylene,o-							1 U	2 U	1 U	2 U	1 U	1 U	1 U
Xylenes,m+p-							2 U	4 U	2 U	4 U	2 U	2 U	2 U

M-8-200R 5/16/06	M-8-200R-IBM 5/8/12	M-8-200R-IBM 11/3/12	M-8-200R-IBM 5/7/13	M-8-200R IBM 5/5/15
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1.64	0.5 U	**0.1 J**	**0.1 J**	**0.2 J**
1 U				
1 U				
1 U				
1 U				0.5U
1 U				
5 U				0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
25 U	5 U	5 U	5 U	0.5U
5 U				
1 U				
5 U	5 U	5 U	5 U	0.5U
1 U				
5 U				0.5U
25 U	5 U	5 U	5 U	0.5U
				0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U				
5 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
5 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U				
1 U				
1 U				
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
5 U				
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
1 U	0.5 U	0.5 U	0.5 U	0.5U
2 U	0.5 U	0.5 U	0.5 U	

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-9-300

Chemical Parameter	NC2L (1/1/2010)	M-9-300 1/25/93	M-9-300 7/22/93	M-9-300-Replicate 10/14/93	M-9-300 4/21/94	M-9-300-Replicate 10/26/94	M-9-300 4/11/95	M-9-300 10/25/95	M-9-300-Replicate 10/25/95	M-9-300 1/31/96	M-9-300 4/22/96
1,1,1,2-Tetrachloroethane		1 U	1 U	1 U	0.15 U	1 U	0.13 U	0.13 U	0.13 U	0.24 U	1 U
1,1,1-Trichloroethane	200.	**10**	**4**	**11**	**1.75**	**2.7**	**2.24**	**2.28**	**2.24**	**1.39**	**1.6**
1,1,2,2-Tetrachloroethane	0.2				0.17 U	1 U	0.11 U	0.11 U	0.11 U	0.17 U	1 U
1,1,2-Trichloroethane		1 U	1 U	1 U	0.19 U	1 U	0.1 U	0.1 U	0.1 U	0.27 U	1 U
1,1-Dichloroethane	6.	**4**	1 U	**5**	**1.87**	**2.7**	**2.64**	**2.83**	**2.82**	**2.61**	**2.6**
1,1-Dichloroethene	350.	**11**	1 U	**11**	**4.95**	**7.4**	**6.7**	**7.5**	**7.5**	**5.3**	**7.4**
1,2,3-Trichloropropane	0.005				0.17 U	1 U	0.12 U	0.12 U	0.12 U	0.33 U	1 U
1,2-Dichlorobenzene	20.										
1,2-Dichloroethane	0.4	1 U	1 U	1 U	0.16 U	1 U	0.12 U	0.12 U	0.12 U	**0.06 J**	1 U
1,2-Dichloropropane	0.6				0.33 U	1 U	0.1 U	0.1 U	0.1 U	0.2 U	1 U
1,3-Dichlorobenzene	200.										
1,4-Dichlorobenzene	6.										
2-Chloroethyl Vinyl Ether											
2-Chlorotoluene					0.14 U						
Acetone	6000.						0.1 U	0.1 U	0.1 U	1 U	1 U
Benzene	1.				0.09 U		0.08 U	0.08 U	0.08 U	0.11 U	1 U
Bromobenzene					0.09 U	1 U	0.21 U	0.21 U	0.21 U	0.09 U	1 U
Bromodichloromethane	0.6				0.13 U	1 U	0.06 U	0.06 U	0.06 U	0.2 U	1 U
Bromoform	4.				0.26 U	1 U	0.12 U	0.12 U	0.12 U	0.31 U	1 U
Bromomethane					0.33 U	1 U	0.08 U	0.08 U	0.08 U	0.11 U	1 U
Carbon Tetrachloride	0.3		7 fo		0.15 U	1 U	0.08 U	0.08 U	0.08 U	0.07 U	1 U
Chlorobenzene	50.				0.12 U	1 U	0.05 U	0.05 U	0.05 U	0.24 U	1 U
Chloroethane	3000.				0.24 U	1 U	0.17 U	0.17 U	0.17 U	0.09 U	1 U
Chloroform	70.	1 U	1 U	1 U	0.18 U	1 U	0.12 U	0.12 U	0.12 U	0.07 U	1 U
Chloromethane	3.				0.13 U	1 U	0.11 U	0.11 U	0.11 U	0.07 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U	0.2 U	1 U	0.32 U	0.32 U	0.32 U	0.1 U	1 U
cis-1,3-Dichloropropene	0.4				0.2 U	1 U	0.09 U	0.09 U	0.09 U	0.25 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U	0.19 U	1 U	0.12 U	0.12 U	0.12 U	0.2 U	1 U
Dibromomethane					0.2 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U	1 U
Dichlorodifluoromethane	1000.				0.36 U	1 U	0.13 U	0.13 U	0.13 U	0.08 U	1 U
Ethylbenzene	600.				0.13 U		0.05 U	0.05 U	0.05 U	0.2 U	1 U
Methylene chloride	5.	1 U	1 U	1 U	0.06 U	1 U	**0.14 J**	**0.13 J**	**0.13 J**	**0.2**	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U	0.14 U	1 U	0.1 U	0.1 U	0.1 U	0.2 U	1 U
Tetrahydrofuran							0.1 U	0.1 U	0.1 U	0.19 U	1 U
Toluene	600.				0.24 U		0.05 U	0.05 U	0.05 U	0.19 U	1 U
trans-1,3-Dichloropropene	0.4				0.2 U	1 U	0.1 U	0.1 U	0.1 U	0.27 U	1 U
Trichloroethene	3.	1 U	**7**	1 U	0.37 U	1 U	0.09 U	0.09 U	0.09 U	0.25 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U	0.53 U	1 U	0.21 U	0.21 U	0.21 U	0.04 U	1 U
Vinyl Chloride	0.03	1 U	1 U	1 U	0.21 U	1 U	0.17 U	0.17 U	0.17 U	0.08 U	1 U
Xylene (total)	500.				0.24 U		0.11 U	0.11 U	0.11 U	0.43 U	2 U
Diisopropyl Ether	70.										

Pilling Weck Historical Groundwater Data
Chemical Parameter Summary for Well M-9-300

Chemical Parameter	NC2L (1/1/2010)	M-9-300 7/24/96	M-9-300 10/3/96	M-9-300 1/22/97
1,1,1,2-Tetrachloroethane		1 U	1 U	1 U
1,1,1-Trichloroethane	200.	**1.5**	**1.6**	**2**
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U
1,1,2-Trichloroethane		1 U	1 U	1 U
1,1-Dichloroethane	6.	**2.6**	**2.8**	**3.1**
1,1-Dichloroethene	350.	**7.3**	**6.8**	**9.5**
1,2,3-Trichloropropane	0.005	1 U	1 U	1 U
1,2-Dichlorobenzene	20.		1 U	1 U
1,2-Dichloroethane	0.4	1 U	1 U	**0.12 J**
1,2-Dichloropropane	0.6	1 U	1 U	1 U
1,3-Dichlorobenzene	200.		1 U	1 U
1,4-Dichlorobenzene	6.		1 U	1 U
2-Chloroethyl Vinyl Ether			1 U	1 U
2-Chlorotoluene				
Acetone	6000.	1 U	1 U	1 U
Benzene	1.	1 U	1 U	1 U
Bromobenzene		1 U	1 U	1 U
Bromodichloromethane	0.6	1 U	1 U	1 U
Bromoform	4.	1 U	1 U	1 U
Bromomethane		1 U	1 U	1 U
Carbon Tetrachloride	0.3	1 U	1 U	1 U
Chlorobenzene	50.	1 U	1 U	1 U
Chloroethane	3000.	1 U	1 U	1 U
Chloroform	70.	1 U	1 U	1 U
Chloromethane	3.	1 U	1 U	1 U
cis-1,2-Dichloroethene	70.	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U
Dibromochloromethane	0.4	1 U	1 U	1 U
Dibromomethane		1 U	1 U	1 U
Dichlorodifluoromethane	1000.	1 U	1 U	1 U
Ethylbenzene	600.	1 U	1 U	1 U
Methylene chloride	5.	**0.18 J**	1 U	1 U
Tetrachloroethene	0.7	1 U	1 U	1 U
Tetrahydrofuran		1 U	1 U	1 U
Toluene	600.	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U
Trichloroethene	3.	1 U	1 U	1 U
Trichlorofluoromethane	2000.	1 U	1 U	1 U
Vinyl Chloride	0.03	1 U	1 U	1 U
Xylene (total)	500.	2 U	2 U	2 U
Diisopropyl Ether	70.			

APPENDIX E-1

STATISTICAL TREND ANALYSIS - TCA AND DCE

E-1A: 1993 - May 2016: All Wells
E-1B: 2005 - May 2016: M-4-150
E-1C: 2013 - May 2016: CW-4-Dike

APPENDIX E-1A: 1993 - May 2016: All Wells

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Time Period: 1/13/1993 **to** 5/2/2016
Consolidation Period: Other
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Well	Source/ Tail	Number of Samples	Number of Detects	Coefficient of Variation	Mann-Kendall Statistic	Confidence in Trend	All Samples "ND" ?	Concentration Trend
1,1,1-TRICHLOROETHANE								
CW-4-Dike	T	38	0	0.63	84	85.1%	Yes	ND
M-4-150	T	40	40	0.55	-154	96.3%	No	D
MW-10	S	43	43	0.69	-489	100.0%	No	D
MW-11	T	43	7	2.01	-312	100.0%	No	D
MW-15	T	19	9	2.53	-106	100.0%	No	D
MW16S	T	42	18	1.70	-448	100.0%	No	D
MW-2	T	43	43	0.53	-691	100.0%	No	D
MW-6	T	16	16	0.45	-72	100.0%	No	D
MW-8	T	13	13	0.64	-30	96.2%	No	D
1,1-DICHLOROETHENE								
CW-4-Dike	T	38	9	1.96	237	99.9%	No	I
M-4-150	T	40	40	0.47	242	99.8%	No	I
MW-10	S	43	43	0.33	-325	100.0%	No	D
MW-11	T	43	43	0.64	-336	100.0%	No	D
MW-15	T	19	19	1.66	-101	100.0%	No	D
MW16S	T	42	37	1.29	-450	100.0%	No	D
MW-2	T	43	43	0.23	-405	100.0%	No	D
MW-6	T	15	15	0.27	-57	99.8%	No	D
MW-8	T	13	13	0.37	-26	93.6%	No	PD

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

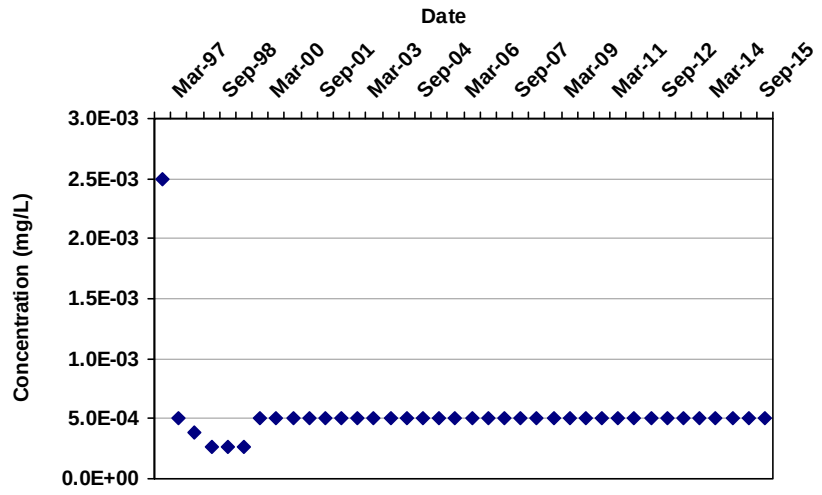
The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	CW-4-Dike	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

84

Confidence in Trend:

85.1%

Coefficient of Variation:

0.63

Mann Kendall Concentration Trend: (See Note)

ND

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	3/1/1997	1,1,1-TRICHLOROET	2.5E-03	ND	1	0
CW-4-Dike	T	9/1/1997	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/1998	1,1,1-TRICHLOROET	3.9E-04	ND	2	0
CW-4-Dike	T	9/1/1998	1,1,1-TRICHLOROET	2.7E-04	ND	3	0
CW-4-Dike	T	3/1/1999	1,1,1-TRICHLOROET	2.7E-04	ND	1	0
CW-4-Dike	T	9/1/1999	1,1,1-TRICHLOROET	2.7E-04	ND	1	0
CW-4-Dike	T	3/1/2000	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2000	1,1,1-TRICHLOROET	5.0E-04	ND	2	0
CW-4-Dike	T	3/1/2001	1,1,1-TRICHLOROET	5.0E-04	ND	1	0

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	9/1/2001	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2002	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2002	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2003	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2003	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2004	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2004	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2005	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2005	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2006	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2006	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2007	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2007	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2008	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2008	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2010	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2011	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2011	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2016	1,1,1-TRICHLOROET	5.0E-04	ND	1	0

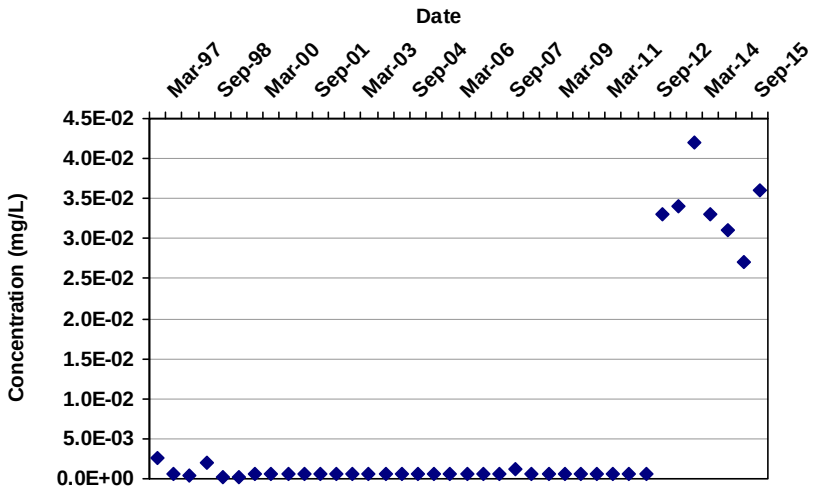
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	CW-4-Dike	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

237

Confidence in Trend:

99.9%

Coefficient of Variation:

1.96

Mann Kendall Concentration Trend: (See Note)

I

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	3/1/1997	1,1-DICHLOROETHE	2.5E-03	ND	1	0
CW-4-Dike	T	9/1/1997	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/1998	1,1-DICHLOROETHE	3.9E-04	ND	2	0
CW-4-Dike	T	9/1/1998	1,1-DICHLOROETHE	2.0E-03		3	3
CW-4-Dike	T	3/1/1999	1,1-DICHLOROETHE	2.8E-04	ND	1	0
CW-4-Dike	T	9/1/1999	1,1-DICHLOROETHE	2.8E-04	ND	1	0
CW-4-Dike	T	3/1/2000	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2000	1,1-DICHLOROETHE	5.0E-04	ND	2	0
CW-4-Dike	T	3/1/2001	1,1-DICHLOROETHE	5.0E-04	ND	1	0

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	9/1/2001	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2002	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2002	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2003	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2003	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2004	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2004	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2005	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2005	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2006	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2006	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2007	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2007	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2008	1,1-DICHLOROETHE	1.1E-03		1	1
CW-4-Dike	T	9/1/2008	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2009	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2009	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2010	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2011	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2011	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2012	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	9/1/2012	1,1-DICHLOROETHE	5.0E-04	ND	1	0
CW-4-Dike	T	3/1/2013	1,1-DICHLOROETHE	3.3E-02		1	1
CW-4-Dike	T	9/1/2013	1,1-DICHLOROETHE	3.4E-02		1	1
CW-4-Dike	T	3/1/2014	1,1-DICHLOROETHE	4.2E-02		1	1
CW-4-Dike	T	9/1/2014	1,1-DICHLOROETHE	3.3E-02		1	1
CW-4-Dike	T	3/1/2015	1,1-DICHLOROETHE	3.1E-02		1	1
CW-4-Dike	T	9/1/2015	1,1-DICHLOROETHE	2.7E-02		1	1
CW-4-Dike	T	3/1/2016	1,1-DICHLOROETHE	3.6E-02		1	1

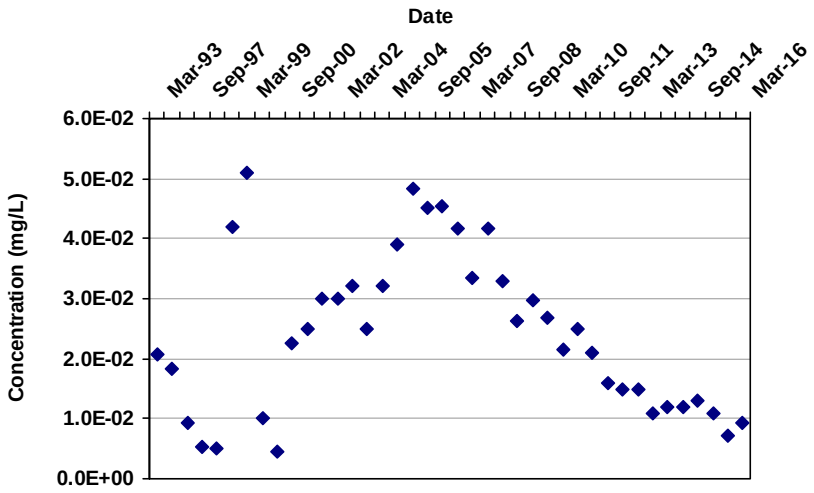
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	M-4-150	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-154

Confidence in Trend:

96.3%

Coefficient of Variation:

0.55

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	3/1/1993	1,1,1-TRICHLOROET	2.1E-02		1	1
M-4-150	T	9/1/1995	1,1,1-TRICHLOROET	1.8E-02		1	1
M-4-150	T	3/1/1996	1,1,1-TRICHLOROET	9.4E-03		1	1
M-4-150	T	9/1/1997	1,1,1-TRICHLOROET	5.4E-03		1	1
M-4-150	T	3/1/1998	1,1,1-TRICHLOROET	5.0E-03		2	2
M-4-150	T	9/1/1998	1,1,1-TRICHLOROET	4.2E-02		3	3
M-4-150	T	3/1/1999	1,1,1-TRICHLOROET	5.1E-02		1	1
M-4-150	T	9/1/1999	1,1,1-TRICHLOROET	1.0E-02		1	1
M-4-150	T	3/1/2000	1,1,1-TRICHLOROET	4.5E-03		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	9/1/2000	1,1,1-TRICHLOROET	2.2E-02		2	2
M-4-150	T	3/1/2001	1,1,1-TRICHLOROET	2.5E-02		1	1
M-4-150	T	9/1/2001	1,1,1-TRICHLOROET	3.0E-02		1	1
M-4-150	T	3/1/2002	1,1,1-TRICHLOROET	3.0E-02		1	1
M-4-150	T	9/1/2002	1,1,1-TRICHLOROET	3.2E-02		1	1
M-4-150	T	3/1/2003	1,1,1-TRICHLOROET	2.5E-02		1	1
M-4-150	T	3/1/2004	1,1,1-TRICHLOROET	3.2E-02		1	1
M-4-150	T	9/1/2004	1,1,1-TRICHLOROET	3.9E-02		1	1
M-4-150	T	3/1/2005	1,1,1-TRICHLOROET	4.8E-02		1	1
M-4-150	T	9/1/2005	1,1,1-TRICHLOROET	4.5E-02		1	1
M-4-150	T	3/1/2006	1,1,1-TRICHLOROET	4.5E-02		1	1
M-4-150	T	9/1/2006	1,1,1-TRICHLOROET	4.2E-02		1	1
M-4-150	T	3/1/2007	1,1,1-TRICHLOROET	3.4E-02		1	1
M-4-150	T	9/1/2007	1,1,1-TRICHLOROET	4.2E-02		1	1
M-4-150	T	3/1/2008	1,1,1-TRICHLOROET	3.3E-02		1	1
M-4-150	T	9/1/2008	1,1,1-TRICHLOROET	2.6E-02		1	1
M-4-150	T	3/1/2009	1,1,1-TRICHLOROET	3.0E-02		1	1
M-4-150	T	9/1/2009	1,1,1-TRICHLOROET	2.7E-02		1	1
M-4-150	T	3/1/2010	1,1,1-TRICHLOROET	2.1E-02		1	1
M-4-150	T	9/1/2010	1,1,1-TRICHLOROET	2.5E-02		1	1
M-4-150	T	3/1/2011	1,1,1-TRICHLOROET	2.1E-02		1	1
M-4-150	T	9/1/2011	1,1,1-TRICHLOROET	1.6E-02		1	1
M-4-150	T	3/1/2012	1,1,1-TRICHLOROET	1.5E-02		1	1
M-4-150	T	9/1/2012	1,1,1-TRICHLOROET	1.5E-02		1	1
M-4-150	T	3/1/2013	1,1,1-TRICHLOROET	1.1E-02		1	1
M-4-150	T	9/1/2013	1,1,1-TRICHLOROET	1.2E-02		1	1
M-4-150	T	3/1/2014	1,1,1-TRICHLOROET	1.2E-02		1	1
M-4-150	T	9/1/2014	1,1,1-TRICHLOROET	1.3E-02		1	1
M-4-150	T	3/1/2015	1,1,1-TRICHLOROET	1.1E-02		1	1
M-4-150	T	9/1/2015	1,1,1-TRICHLOROET	7.3E-03		1	1
M-4-150	T	3/1/2016	1,1,1-TRICHLOROET	9.4E-03		1	1

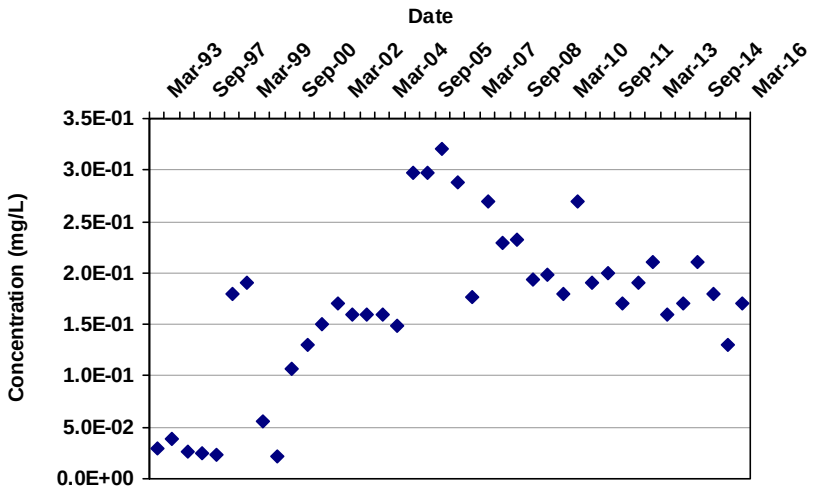
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	M-4-150	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

242

Confidence in Trend:

99.8%

Coefficient of Variation:

0.47

Mann Kendall Concentration Trend: (See Note)

I

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	3/1/1993	1,1-DICHLOROETHE	2.9E-02		1	1
M-4-150	T	9/1/1995	1,1-DICHLOROETHE	3.9E-02		1	1
M-4-150	T	3/1/1996	1,1-DICHLOROETHE	2.6E-02		1	1
M-4-150	T	9/1/1997	1,1-DICHLOROETHE	2.6E-02		1	1
M-4-150	T	3/1/1998	1,1-DICHLOROETHE	2.4E-02		2	2
M-4-150	T	9/1/1998	1,1-DICHLOROETHE	1.8E-01		3	3
M-4-150	T	3/1/1999	1,1-DICHLOROETHE	1.9E-01		1	1
M-4-150	T	9/1/1999	1,1-DICHLOROETHE	5.6E-02		1	1
M-4-150	T	3/1/2000	1,1-DICHLOROETHE	2.1E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	9/1/2000	1,1-DICHLOROETHE	1.1E-01		2	2
M-4-150	T	3/1/2001	1,1-DICHLOROETHE	1.3E-01		1	1
M-4-150	T	9/1/2001	1,1-DICHLOROETHE	1.5E-01		1	1
M-4-150	T	3/1/2002	1,1-DICHLOROETHE	1.7E-01		1	1
M-4-150	T	9/1/2002	1,1-DICHLOROETHE	1.6E-01		1	1
M-4-150	T	3/1/2003	1,1-DICHLOROETHE	1.6E-01		1	1
M-4-150	T	3/1/2004	1,1-DICHLOROETHE	1.6E-01		1	1
M-4-150	T	9/1/2004	1,1-DICHLOROETHE	1.5E-01		1	1
M-4-150	T	3/1/2005	1,1-DICHLOROETHE	3.0E-01		1	1
M-4-150	T	9/1/2005	1,1-DICHLOROETHE	3.0E-01		1	1
M-4-150	T	3/1/2006	1,1-DICHLOROETHE	3.2E-01		1	1
M-4-150	T	9/1/2006	1,1-DICHLOROETHE	2.9E-01		1	1
M-4-150	T	3/1/2007	1,1-DICHLOROETHE	1.8E-01		1	1
M-4-150	T	9/1/2007	1,1-DICHLOROETHE	2.7E-01		1	1
M-4-150	T	3/1/2008	1,1-DICHLOROETHE	2.3E-01		1	1
M-4-150	T	9/1/2008	1,1-DICHLOROETHE	2.3E-01		1	1
M-4-150	T	3/1/2009	1,1-DICHLOROETHE	1.9E-01		1	1
M-4-150	T	9/1/2009	1,1-DICHLOROETHE	2.0E-01		1	1
M-4-150	T	3/1/2010	1,1-DICHLOROETHE	1.8E-01		1	1
M-4-150	T	9/1/2010	1,1-DICHLOROETHE	2.7E-01		1	1
M-4-150	T	3/1/2011	1,1-DICHLOROETHE	1.9E-01		1	1
M-4-150	T	9/1/2011	1,1-DICHLOROETHE	2.0E-01		1	1
M-4-150	T	3/1/2012	1,1-DICHLOROETHE	1.7E-01		1	1
M-4-150	T	9/1/2012	1,1-DICHLOROETHE	1.9E-01		1	1
M-4-150	T	3/1/2013	1,1-DICHLOROETHE	2.1E-01		1	1
M-4-150	T	9/1/2013	1,1-DICHLOROETHE	1.6E-01		1	1
M-4-150	T	3/1/2014	1,1-DICHLOROETHE	1.7E-01		1	1
M-4-150	T	9/1/2014	1,1-DICHLOROETHE	2.1E-01		1	1
M-4-150	T	3/1/2015	1,1-DICHLOROETHE	1.8E-01		1	1
M-4-150	T	9/1/2015	1,1-DICHLOROETHE	1.3E-01		1	1
M-4-150	T	3/1/2016	1,1-DICHLOROETHE	1.7E-01		1	1

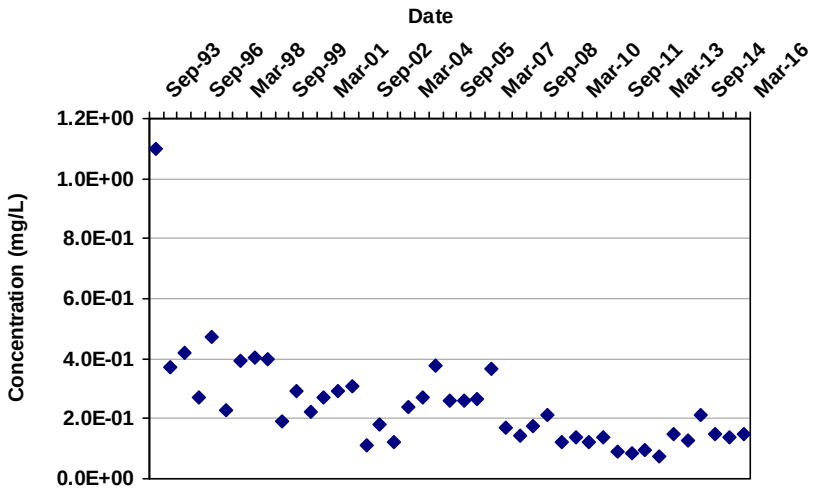
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-10	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	S	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-489

Confidence in Trend:

100.0%

Coefficient of Variation:

0.69

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	9/1/1993	1,1,1-TRICHLOROET	1.1E+00		1	1
MW-10	S	9/1/1994	1,1,1-TRICHLOROET	3.7E-01		2	2
MW-10	S	9/1/1995	1,1,1-TRICHLOROET	4.2E-01		1	1
MW-10	S	9/1/1996	1,1,1-TRICHLOROET	2.7E-01		1	1
MW-10	S	3/1/1997	1,1,1-TRICHLOROET	4.7E-01		1	1
MW-10	S	9/1/1997	1,1,1-TRICHLOROET	2.3E-01		1	1
MW-10	S	3/1/1998	1,1,1-TRICHLOROET	3.9E-01		2	2
MW-10	S	9/1/1998	1,1,1-TRICHLOROET	4.1E-01		2	2
MW-10	S	3/1/1999	1,1,1-TRICHLOROET	4.0E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	9/1/1999	1,1,1-TRICHLOROET	1.9E-01		1	1
MW-10	S	3/1/2000	1,1,1-TRICHLOROET	2.9E-01		1	1
MW-10	S	9/1/2000	1,1,1-TRICHLOROET	2.3E-01		2	2
MW-10	S	3/1/2001	1,1,1-TRICHLOROET	2.7E-01		1	1
MW-10	S	9/1/2001	1,1,1-TRICHLOROET	2.9E-01		1	1
MW-10	S	3/1/2002	1,1,1-TRICHLOROET	3.1E-01		1	1
MW-10	S	9/1/2002	1,1,1-TRICHLOROET	1.1E-01		1	1
MW-10	S	3/1/2003	1,1,1-TRICHLOROET	1.8E-01		1	1
MW-10	S	9/1/2003	1,1,1-TRICHLOROET	1.2E-01		1	1
MW-10	S	3/1/2004	1,1,1-TRICHLOROET	2.4E-01		1	1
MW-10	S	9/1/2004	1,1,1-TRICHLOROET	2.7E-01		1	1
MW-10	S	3/1/2005	1,1,1-TRICHLOROET	3.8E-01		1	1
MW-10	S	9/1/2005	1,1,1-TRICHLOROET	2.6E-01		1	1
MW-10	S	3/1/2006	1,1,1-TRICHLOROET	2.6E-01		1	1
MW-10	S	9/1/2006	1,1,1-TRICHLOROET	2.7E-01		1	1
MW-10	S	3/1/2007	1,1,1-TRICHLOROET	3.7E-01		1	1
MW-10	S	9/1/2007	1,1,1-TRICHLOROET	1.7E-01		1	1
MW-10	S	3/1/2008	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	9/1/2008	1,1,1-TRICHLOROET	1.7E-01		1	1
MW-10	S	3/1/2009	1,1,1-TRICHLOROET	2.1E-01		1	1
MW-10	S	9/1/2009	1,1,1-TRICHLOROET	1.2E-01		1	1
MW-10	S	3/1/2010	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	9/1/2010	1,1,1-TRICHLOROET	1.2E-01		1	1
MW-10	S	3/1/2011	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	9/1/2011	1,1,1-TRICHLOROET	9.2E-02		1	1
MW-10	S	3/1/2012	1,1,1-TRICHLOROET	8.6E-02		1	1
MW-10	S	9/1/2012	1,1,1-TRICHLOROET	9.6E-02		1	1
MW-10	S	3/1/2013	1,1,1-TRICHLOROET	7.4E-02		1	1
MW-10	S	9/1/2013	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-10	S	3/1/2014	1,1,1-TRICHLOROET	1.3E-01		1	1
MW-10	S	9/1/2014	1,1,1-TRICHLOROET	2.1E-01		1	1
MW-10	S	3/1/2015	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-10	S	9/1/2015	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	3/1/2016	1,1,1-TRICHLOROET	1.5E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

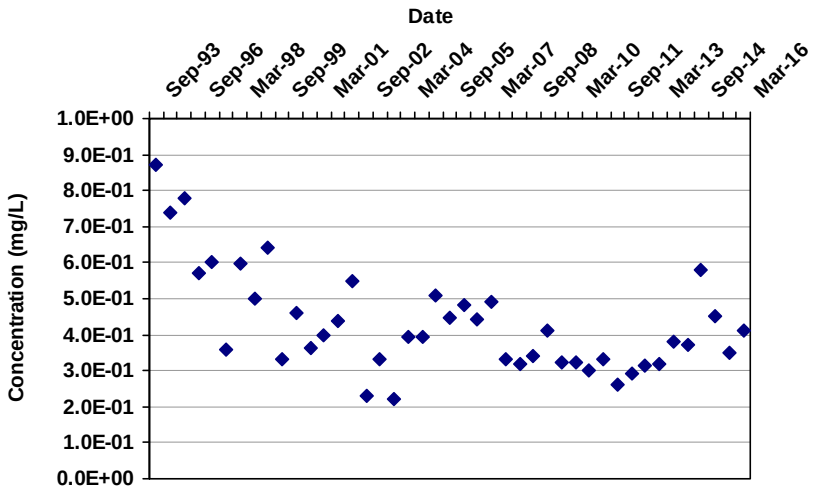
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-10	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	S	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-325

Confidence in Trend:

100.0%

Coefficient of Variation:

0.33

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	9/1/1993	1,1-DICHLOROETHE	8.7E-01		1	1
MW-10	S	9/1/1994	1,1-DICHLOROETHE	7.4E-01		2	2
MW-10	S	9/1/1995	1,1-DICHLOROETHE	7.8E-01		1	1
MW-10	S	9/1/1996	1,1-DICHLOROETHE	5.7E-01		1	1
MW-10	S	3/1/1997	1,1-DICHLOROETHE	6.0E-01		1	1
MW-10	S	9/1/1997	1,1-DICHLOROETHE	3.6E-01		1	1
MW-10	S	3/1/1998	1,1-DICHLOROETHE	6.0E-01		2	2
MW-10	S	9/1/1998	1,1-DICHLOROETHE	5.0E-01		2	2
MW-10	S	3/1/1999	1,1-DICHLOROETHE	6.4E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	9/1/1999	1,1-DICHLOROETHE	3.3E-01		1	1
MW-10	S	3/1/2000	1,1-DICHLOROETHE	4.6E-01		1	1
MW-10	S	9/1/2000	1,1-DICHLOROETHE	3.6E-01		2	2
MW-10	S	3/1/2001	1,1-DICHLOROETHE	4.0E-01		1	1
MW-10	S	9/1/2001	1,1-DICHLOROETHE	4.4E-01		1	1
MW-10	S	3/1/2002	1,1-DICHLOROETHE	5.5E-01		1	1
MW-10	S	9/1/2002	1,1-DICHLOROETHE	2.3E-01		1	1
MW-10	S	3/1/2003	1,1-DICHLOROETHE	3.3E-01		1	1
MW-10	S	9/1/2003	1,1-DICHLOROETHE	2.2E-01		1	1
MW-10	S	3/1/2004	1,1-DICHLOROETHE	3.9E-01		1	1
MW-10	S	9/1/2004	1,1-DICHLOROETHE	3.9E-01		1	1
MW-10	S	3/1/2005	1,1-DICHLOROETHE	5.1E-01		1	1
MW-10	S	9/1/2005	1,1-DICHLOROETHE	4.5E-01		1	1
MW-10	S	3/1/2006	1,1-DICHLOROETHE	4.8E-01		1	1
MW-10	S	9/1/2006	1,1-DICHLOROETHE	4.4E-01		1	1
MW-10	S	3/1/2007	1,1-DICHLOROETHE	4.9E-01		1	1
MW-10	S	9/1/2007	1,1-DICHLOROETHE	3.3E-01		1	1
MW-10	S	3/1/2008	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	9/1/2008	1,1-DICHLOROETHE	3.4E-01		1	1
MW-10	S	3/1/2009	1,1-DICHLOROETHE	4.1E-01		1	1
MW-10	S	9/1/2009	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	3/1/2010	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	9/1/2010	1,1-DICHLOROETHE	3.0E-01		1	1
MW-10	S	3/1/2011	1,1-DICHLOROETHE	3.3E-01		1	1
MW-10	S	9/1/2011	1,1-DICHLOROETHE	2.6E-01		1	1
MW-10	S	3/1/2012	1,1-DICHLOROETHE	2.9E-01		1	1
MW-10	S	9/1/2012	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	3/1/2013	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	9/1/2013	1,1-DICHLOROETHE	3.8E-01		1	1
MW-10	S	3/1/2014	1,1-DICHLOROETHE	3.7E-01		1	1
MW-10	S	9/1/2014	1,1-DICHLOROETHE	5.8E-01		1	1
MW-10	S	3/1/2015	1,1-DICHLOROETHE	4.5E-01		1	1
MW-10	S	9/1/2015	1,1-DICHLOROETHE	3.5E-01		1	1
MW-10	S	3/1/2016	1,1-DICHLOROETHE	4.1E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

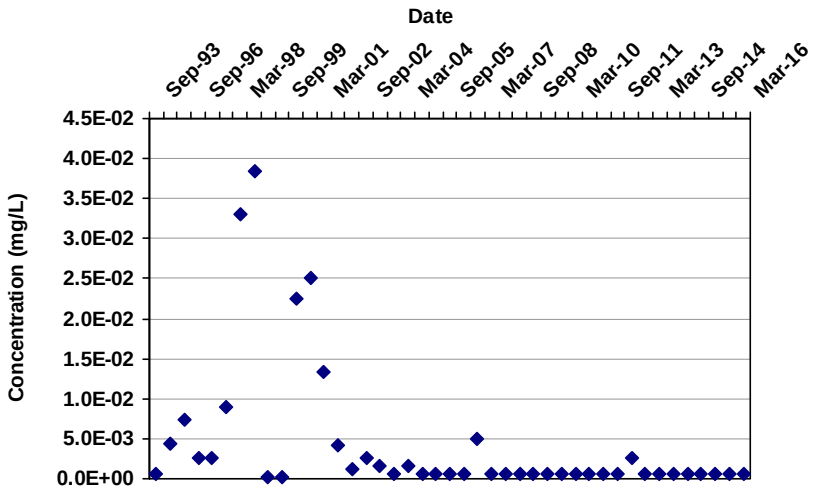
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-11	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-312

Confidence in Trend:

100.0%

Coefficient of Variation:

2.01

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	9/1/1993	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/1994	1,1,1-TRICHLOROET	4.4E-03		2	2
MW-11	T	9/1/1995	1,1,1-TRICHLOROET	7.3E-03		1	1
MW-11	T	9/1/1996	1,1,1-TRICHLOROET	2.5E-03	ND	1	0
MW-11	T	3/1/1997	1,1,1-TRICHLOROET	2.5E-03	ND	1	0
MW-11	T	9/1/1997	1,1,1-TRICHLOROET	9.0E-03		1	1
MW-11	T	3/1/1998	1,1,1-TRICHLOROET	3.3E-02		2	2
MW-11	T	9/1/1998	1,1,1-TRICHLOROET	3.9E-02	ND	2	0
MW-11	T	3/1/1999	1,1,1-TRICHLOROET	2.7E-04	ND	1	0

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	9/1/1999	1,1,1-TRICHLOROET	2.7E-04	ND	1	0
MW-11	T	3/1/2000	1,1,1-TRICHLOROET	2.2E-02	ND	2	0
MW-11	T	9/1/2000	1,1,1-TRICHLOROET	2.5E-02	ND	2	0
MW-11	T	3/1/2001	1,1,1-TRICHLOROET	1.3E-02	ND	2	0
MW-11	T	9/1/2001	1,1,1-TRICHLOROET	4.2E-03		2	1
MW-11	T	3/1/2002	1,1,1-TRICHLOROET	1.2E-03		1	1
MW-11	T	9/1/2002	1,1,1-TRICHLOROET	2.5E-03	ND	1	0
MW-11	T	3/1/2003	1,1,1-TRICHLOROET	1.5E-03	ND	1	0
MW-11	T	9/1/2003	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2004	1,1,1-TRICHLOROET	1.5E-03	ND	1	0
MW-11	T	9/1/2004	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2005	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2005	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2006	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2006	1,1,1-TRICHLOROET	5.0E-03	ND	1	0
MW-11	T	3/1/2007	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2007	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2008	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2008	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2010	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2010	1,1,1-TRICHLOROET	6.5E-04		1	1
MW-11	T	3/1/2011	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2011	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2012	1,1,1-TRICHLOROET	2.5E-03	ND	1	0
MW-11	T	9/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	9/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-11	T	3/1/2016	1,1,1-TRICHLOROET	5.0E-04	ND	1	0

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

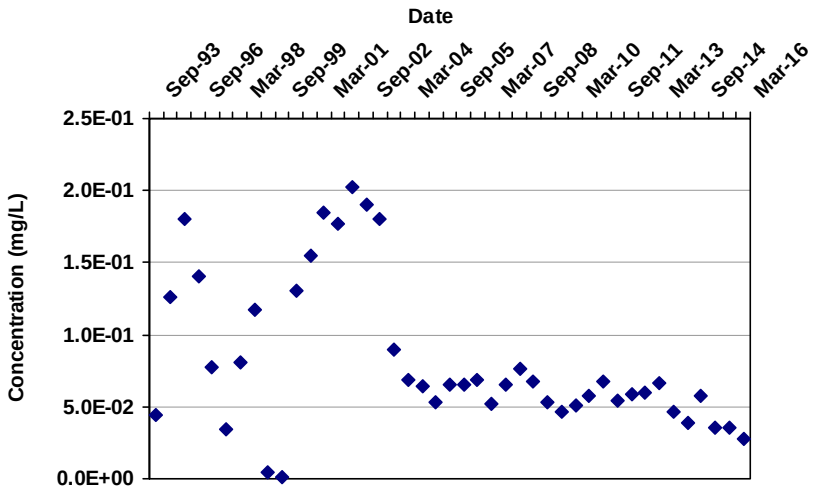
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-11	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-336

Confidence in Trend:

100.0%

Coefficient of Variation:

0.64

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	9/1/1993	1,1-DICHLOROETHE	4.4E-02		1	1
MW-11	T	9/1/1994	1,1-DICHLOROETHE	1.3E-01		2	2
MW-11	T	9/1/1995	1,1-DICHLOROETHE	1.8E-01		1	1
MW-11	T	9/1/1996	1,1-DICHLOROETHE	1.4E-01		1	1
MW-11	T	3/1/1997	1,1-DICHLOROETHE	7.7E-02		1	1
MW-11	T	9/1/1997	1,1-DICHLOROETHE	3.4E-02		1	1
MW-11	T	3/1/1998	1,1-DICHLOROETHE	8.1E-02		2	2
MW-11	T	9/1/1998	1,1-DICHLOROETHE	1.2E-01		2	2
MW-11	T	3/1/1999	1,1-DICHLOROETHE	4.0E-03		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	9/1/1999	1,1-DICHLOROETHE	1.0E-03		1	1
MW-11	T	3/1/2000	1,1-DICHLOROETHE	1.3E-01		2	2
MW-11	T	9/1/2000	1,1-DICHLOROETHE	1.6E-01		2	2
MW-11	T	3/1/2001	1,1-DICHLOROETHE	1.9E-01		2	2
MW-11	T	9/1/2001	1,1-DICHLOROETHE	1.8E-01		2	2
MW-11	T	3/1/2002	1,1-DICHLOROETHE	2.0E-01		1	1
MW-11	T	9/1/2002	1,1-DICHLOROETHE	1.9E-01		1	1
MW-11	T	3/1/2003	1,1-DICHLOROETHE	1.8E-01		1	1
MW-11	T	9/1/2003	1,1-DICHLOROETHE	9.0E-02		1	1
MW-11	T	3/1/2004	1,1-DICHLOROETHE	6.9E-02		1	1
MW-11	T	9/1/2004	1,1-DICHLOROETHE	6.4E-02		1	1
MW-11	T	3/1/2005	1,1-DICHLOROETHE	5.3E-02		1	1
MW-11	T	9/1/2005	1,1-DICHLOROETHE	6.5E-02		1	1
MW-11	T	3/1/2006	1,1-DICHLOROETHE	6.5E-02		1	1
MW-11	T	9/1/2006	1,1-DICHLOROETHE	6.9E-02		1	1
MW-11	T	3/1/2007	1,1-DICHLOROETHE	5.1E-02		1	1
MW-11	T	9/1/2007	1,1-DICHLOROETHE	6.5E-02		1	1
MW-11	T	3/1/2008	1,1-DICHLOROETHE	7.6E-02		1	1
MW-11	T	9/1/2008	1,1-DICHLOROETHE	6.8E-02		1	1
MW-11	T	3/1/2009	1,1-DICHLOROETHE	5.3E-02		1	1
MW-11	T	9/1/2009	1,1-DICHLOROETHE	4.6E-02		1	1
MW-11	T	3/1/2010	1,1-DICHLOROETHE	5.1E-02		1	1
MW-11	T	9/1/2010	1,1-DICHLOROETHE	5.8E-02		1	1
MW-11	T	3/1/2011	1,1-DICHLOROETHE	6.8E-02		1	1
MW-11	T	9/1/2011	1,1-DICHLOROETHE	5.4E-02		1	1
MW-11	T	3/1/2012	1,1-DICHLOROETHE	5.9E-02		1	1
MW-11	T	9/1/2012	1,1-DICHLOROETHE	6.0E-02		1	1
MW-11	T	3/1/2013	1,1-DICHLOROETHE	6.6E-02		1	1
MW-11	T	9/1/2013	1,1-DICHLOROETHE	4.7E-02		1	1
MW-11	T	3/1/2014	1,1-DICHLOROETHE	3.9E-02		1	1
MW-11	T	9/1/2014	1,1-DICHLOROETHE	5.7E-02		1	1
MW-11	T	3/1/2015	1,1-DICHLOROETHE	3.5E-02		1	1
MW-11	T	9/1/2015	1,1-DICHLOROETHE	3.5E-02		1	1
MW-11	T	3/1/2016	1,1-DICHLOROETHE	2.8E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

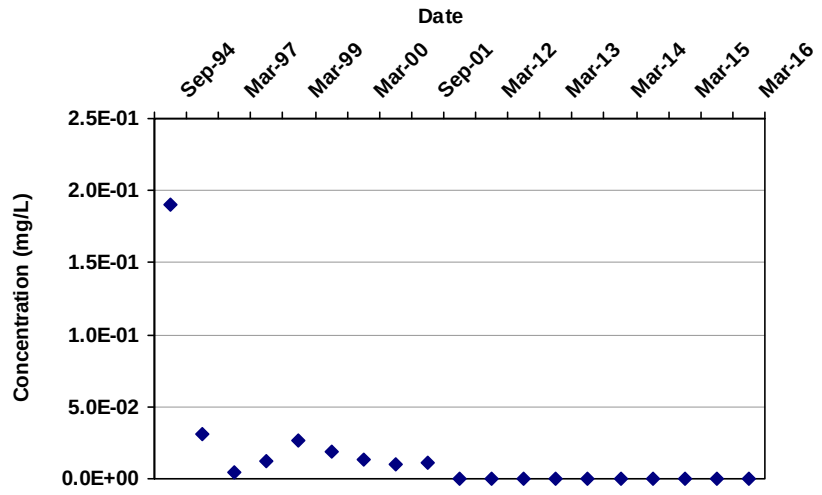
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-15	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-106

Confidence in Trend:

100.0%

Coefficient of Variation:

2.53

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-15	T	9/1/1994	1,1,1-TRICHLOROET	1.9E-01		2	2
MW-15	T	9/1/1995	1,1,1-TRICHLOROET	3.1E-02		1	1
MW-15	T	3/1/1997	1,1,1-TRICHLOROET	4.0E-03		1	1
MW-15	T	9/1/1998	1,1,1-TRICHLOROET	1.3E-02		2	2
MW-15	T	3/1/1999	1,1,1-TRICHLOROET	2.7E-02		1	1
MW-15	T	9/1/1999	1,1,1-TRICHLOROET	1.9E-02		1	1
MW-15	T	3/1/2000	1,1,1-TRICHLOROET	1.3E-02		1	1
MW-15	T	9/1/2000	1,1,1-TRICHLOROET	1.0E-02		2	2
MW-15	T	9/1/2001	1,1,1-TRICHLOROET	1.1E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-15	T	9/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	3/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	9/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	3/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	9/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	3/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	9/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	3/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	9/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW-15	T	3/1/2016	1,1,1-TRICHLOROET	5.0E-04	ND	1	0

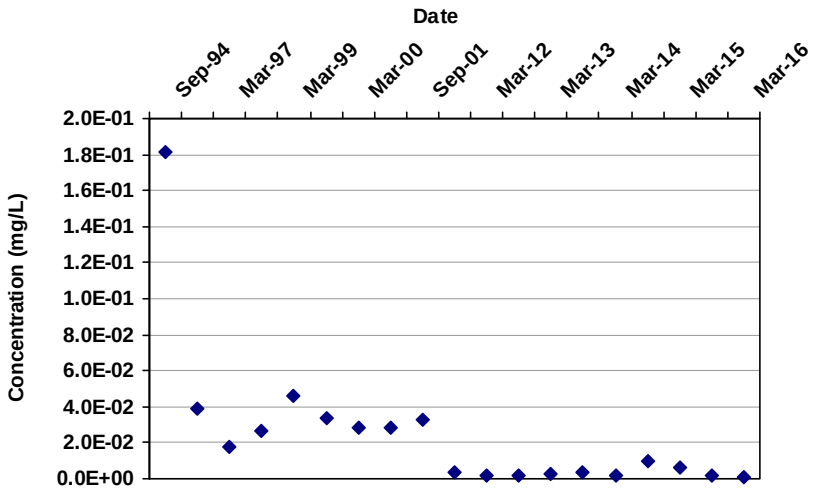
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-15	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-101

Confidence in Trend:

100.0%

Coefficient of Variation:

1.66

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-15	T	9/1/1994	1,1-DICHLOROETHE	1.8E-01		2	2
MW-15	T	9/1/1995	1,1-DICHLOROETHE	3.9E-02		1	1
MW-15	T	3/1/1997	1,1-DICHLOROETHE	1.8E-02		1	1
MW-15	T	9/1/1998	1,1-DICHLOROETHE	2.7E-02		2	2
MW-15	T	3/1/1999	1,1-DICHLOROETHE	4.6E-02		1	1
MW-15	T	9/1/1999	1,1-DICHLOROETHE	3.4E-02		1	1
MW-15	T	3/1/2000	1,1-DICHLOROETHE	2.8E-02		1	1
MW-15	T	9/1/2000	1,1-DICHLOROETHE	2.9E-02		2	2
MW-15	T	9/1/2001	1,1-DICHLOROETHE	3.3E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-15	T	9/1/2009	1,1-DICHLOROETHE	3.8E-03		1	1
MW-15	T	3/1/2012	1,1-DICHLOROETHE	1.4E-03		1	1
MW-15	T	9/1/2012	1,1-DICHLOROETHE	2.2E-03		1	1
MW-15	T	3/1/2013	1,1-DICHLOROETHE	2.6E-03		1	1
MW-15	T	9/1/2013	1,1-DICHLOROETHE	3.6E-03		1	1
MW-15	T	3/1/2014	1,1-DICHLOROETHE	2.0E-03		1	1
MW-15	T	9/1/2014	1,1-DICHLOROETHE	9.6E-03		1	1
MW-15	T	3/1/2015	1,1-DICHLOROETHE	5.9E-03		1	1
MW-15	T	9/1/2015	1,1-DICHLOROETHE	1.9E-03		1	1
MW-15	T	3/1/2016	1,1-DICHLOROETHE	8.5E-04		1	1

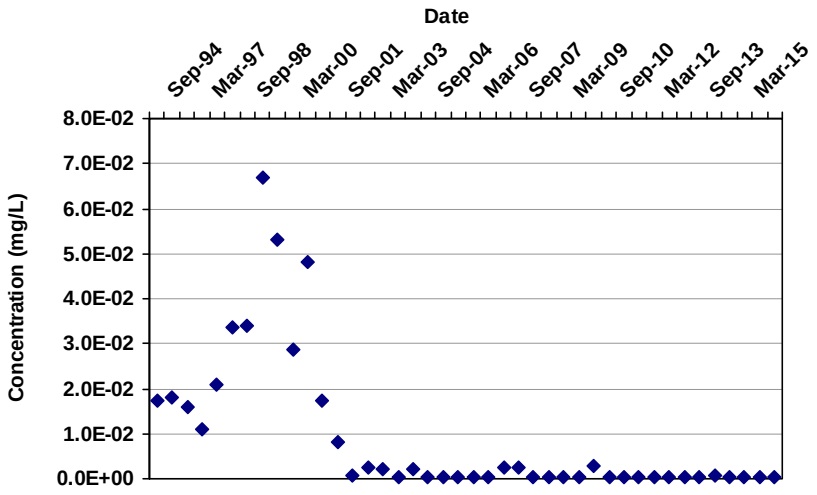
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW16S	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-448

Confidence in Trend:

100.0%

Coefficient of Variation:

1.70

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW16S	T	9/1/1994	1,1,1-TRICHLOROET	1.8E-02		2	2
MW16S	T	9/1/1995	1,1,1-TRICHLOROET	1.8E-02		1	1
MW16S	T	9/1/1996	1,1,1-TRICHLOROET	1.6E-02		1	1
MW16S	T	3/1/1997	1,1,1-TRICHLOROET	1.1E-02		1	1
MW16S	T	9/1/1997	1,1,1-TRICHLOROET	2.1E-02		1	1
MW16S	T	3/1/1998	1,1,1-TRICHLOROET	3.4E-02		2	2
MW16S	T	9/1/1998	1,1,1-TRICHLOROET	3.4E-02		2	2
MW16S	T	3/1/1999	1,1,1-TRICHLOROET	6.7E-02		1	1
MW16S	T	9/1/1999	1,1,1-TRICHLOROET	5.3E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW16S	T	3/1/2000	1,1,1-TRICHLOROET	2.8E-02		2	2
MW16S	T	9/1/2000	1,1,1-TRICHLOROET	4.8E-02		2	2
MW16S	T	3/1/2001	1,1,1-TRICHLOROET	1.8E-02		2	2
MW16S	T	9/1/2001	1,1,1-TRICHLOROET	8.2E-03		2	1
MW16S	T	3/1/2002	1,1,1-TRICHLOROET	8.8E-04		1	1
MW16S	T	9/1/2002	1,1,1-TRICHLOROET	2.5E-03	ND	1	0
MW16S	T	3/1/2003	1,1,1-TRICHLOROET	2.0E-03	ND	1	0
MW16S	T	9/1/2003	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2004	1,1,1-TRICHLOROET	2.0E-03	ND	1	0
MW16S	T	9/1/2004	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2005	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2005	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2006	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2006	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2007	1,1,1-TRICHLOROET	2.4E-03		1	1
MW16S	T	9/1/2007	1,1,1-TRICHLOROET	2.4E-03		1	1
MW16S	T	3/1/2008	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2008	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2009	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2010	1,1,1-TRICHLOROET	2.8E-03		1	1
MW16S	T	9/1/2010	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2011	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2011	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2012	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2014	1,1,1-TRICHLOROET	6.0E-04		1	1
MW16S	T	9/1/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	9/1/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
MW16S	T	3/1/2016	1,1,1-TRICHLOROET	5.0E-04	ND	1	0

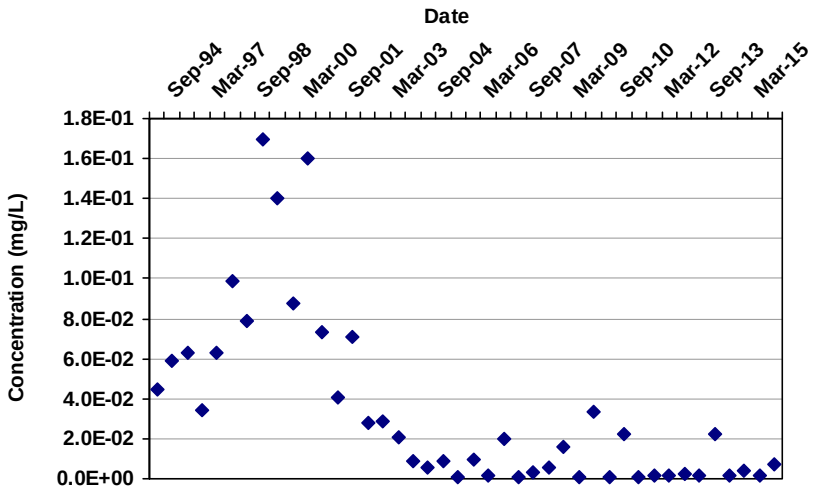
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW16S	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-450

Confidence in Trend:

100.0%

Coefficient of Variation:

1.29

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW16S	T	9/1/1994	1,1-DICHLOROETHE	4.5E-02		2	2
MW16S	T	9/1/1995	1,1-DICHLOROETHE	5.9E-02		1	1
MW16S	T	9/1/1996	1,1-DICHLOROETHE	6.3E-02		1	1
MW16S	T	3/1/1997	1,1-DICHLOROETHE	3.4E-02		1	1
MW16S	T	9/1/1997	1,1-DICHLOROETHE	6.3E-02		1	1
MW16S	T	3/1/1998	1,1-DICHLOROETHE	9.9E-02		2	2
MW16S	T	9/1/1998	1,1-DICHLOROETHE	7.8E-02		2	2
MW16S	T	3/1/1999	1,1-DICHLOROETHE	1.7E-01		1	1
MW16S	T	9/1/1999	1,1-DICHLOROETHE	1.4E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW16S	T	3/1/2000	1,1-DICHLOROETHE	8.7E-02		2	2
MW16S	T	9/1/2000	1,1-DICHLOROETHE	1.6E-01		2	2
MW16S	T	3/1/2001	1,1-DICHLOROETHE	7.3E-02		2	2
MW16S	T	9/1/2001	1,1-DICHLOROETHE	4.1E-02		2	2
MW16S	T	3/1/2002	1,1-DICHLOROETHE	7.1E-02		1	1
MW16S	T	9/1/2002	1,1-DICHLOROETHE	2.8E-02		1	1
MW16S	T	3/1/2003	1,1-DICHLOROETHE	2.9E-02		1	1
MW16S	T	9/1/2003	1,1-DICHLOROETHE	2.1E-02		1	1
MW16S	T	3/1/2004	1,1-DICHLOROETHE	9.0E-03		1	1
MW16S	T	9/1/2004	1,1-DICHLOROETHE	5.8E-03		1	1
MW16S	T	3/1/2005	1,1-DICHLOROETHE	8.7E-03		1	1
MW16S	T	9/1/2005	1,1-DICHLOROETHE	5.0E-04	ND	1	0
MW16S	T	3/1/2006	1,1-DICHLOROETHE	9.2E-03		1	1
MW16S	T	9/1/2006	1,1-DICHLOROETHE	1.9E-03		1	1
MW16S	T	3/1/2007	1,1-DICHLOROETHE	2.0E-02		1	1
MW16S	T	9/1/2007	1,1-DICHLOROETHE	5.0E-04	ND	1	0
MW16S	T	3/1/2008	1,1-DICHLOROETHE	2.8E-03		1	1
MW16S	T	9/1/2008	1,1-DICHLOROETHE	5.3E-03		1	1
MW16S	T	3/1/2009	1,1-DICHLOROETHE	1.6E-02		1	1
MW16S	T	9/1/2009	1,1-DICHLOROETHE	5.0E-04	ND	1	0
MW16S	T	3/1/2010	1,1-DICHLOROETHE	3.4E-02		1	1
MW16S	T	9/1/2010	1,1-DICHLOROETHE	5.0E-04	ND	1	0
MW16S	T	3/1/2011	1,1-DICHLOROETHE	2.2E-02		1	1
MW16S	T	9/1/2011	1,1-DICHLOROETHE	5.0E-04	ND	1	0
MW16S	T	3/1/2012	1,1-DICHLOROETHE	1.4E-03		1	1
MW16S	T	9/1/2012	1,1-DICHLOROETHE	1.4E-03		1	1
MW16S	T	3/1/2013	1,1-DICHLOROETHE	2.2E-03		1	1
MW16S	T	9/1/2013	1,1-DICHLOROETHE	1.4E-03		1	1
MW16S	T	3/1/2014	1,1-DICHLOROETHE	2.2E-02		1	1
MW16S	T	9/1/2014	1,1-DICHLOROETHE	1.7E-03		1	1
MW16S	T	3/1/2015	1,1-DICHLOROETHE	3.8E-03		1	1
MW16S	T	9/1/2015	1,1-DICHLOROETHE	1.3E-03		1	1
MW16S	T	3/1/2016	1,1-DICHLOROETHE	7.0E-03		1	1

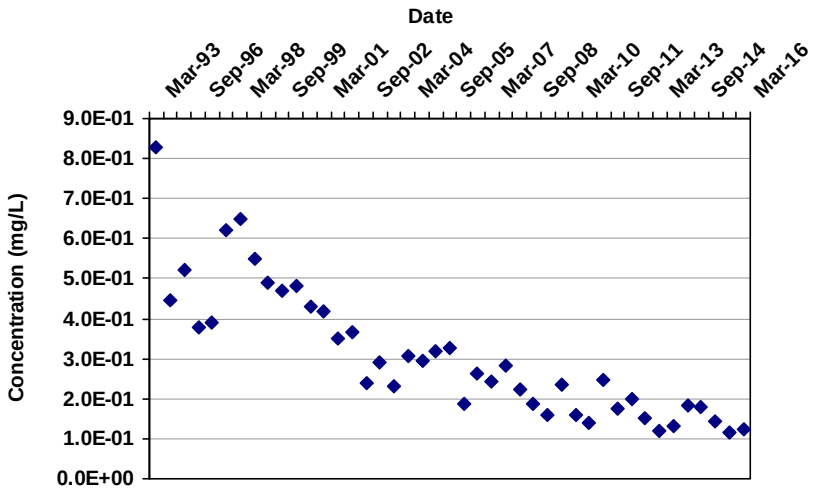
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-2	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-691

Confidence in Trend:

100.0%

Coefficient of Variation:

0.53

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-2	T	3/1/1993	1,1,1-TRICHLOROET	8.3E-01		1	1
MW-2	T	9/1/1994	1,1,1-TRICHLOROET	4.5E-01		2	2
MW-2	T	9/1/1995	1,1,1-TRICHLOROET	5.2E-01		1	1
MW-2	T	9/1/1996	1,1,1-TRICHLOROET	3.8E-01		1	1
MW-2	T	3/1/1997	1,1,1-TRICHLOROET	3.9E-01		1	1
MW-2	T	9/1/1997	1,1,1-TRICHLOROET	6.2E-01		1	1
MW-2	T	3/1/1998	1,1,1-TRICHLOROET	6.5E-01		2	2
MW-2	T	9/1/1998	1,1,1-TRICHLOROET	5.5E-01		2	2
MW-2	T	3/1/1999	1,1,1-TRICHLOROET	4.9E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-2	T	9/1/1999	1,1,1-TRICHLOROET	4.7E-01		1	1
MW-2	T	3/1/2000	1,1,1-TRICHLOROET	4.8E-01		1	1
MW-2	T	9/1/2000	1,1,1-TRICHLOROET	4.3E-01		2	2
MW-2	T	3/1/2001	1,1,1-TRICHLOROET	4.2E-01		1	1
MW-2	T	9/1/2001	1,1,1-TRICHLOROET	3.5E-01		1	1
MW-2	T	3/1/2002	1,1,1-TRICHLOROET	3.6E-01		1	1
MW-2	T	9/1/2002	1,1,1-TRICHLOROET	2.4E-01		1	1
MW-2	T	3/1/2003	1,1,1-TRICHLOROET	2.9E-01		1	1
MW-2	T	9/1/2003	1,1,1-TRICHLOROET	2.3E-01		1	1
MW-2	T	3/1/2004	1,1,1-TRICHLOROET	3.0E-01		1	1
MW-2	T	9/1/2004	1,1,1-TRICHLOROET	2.9E-01		1	1
MW-2	T	3/1/2005	1,1,1-TRICHLOROET	3.2E-01		1	1
MW-2	T	9/1/2005	1,1,1-TRICHLOROET	3.3E-01		1	1
MW-2	T	3/1/2006	1,1,1-TRICHLOROET	1.9E-01		1	1
MW-2	T	9/1/2006	1,1,1-TRICHLOROET	2.6E-01		1	1
MW-2	T	3/1/2007	1,1,1-TRICHLOROET	2.4E-01		1	1
MW-2	T	9/1/2007	1,1,1-TRICHLOROET	2.8E-01		1	1
MW-2	T	3/1/2008	1,1,1-TRICHLOROET	2.2E-01		1	1
MW-2	T	9/1/2008	1,1,1-TRICHLOROET	1.9E-01		1	1
MW-2	T	3/1/2009	1,1,1-TRICHLOROET	1.6E-01		1	1
MW-2	T	9/1/2009	1,1,1-TRICHLOROET	2.4E-01		1	1
MW-2	T	3/1/2010	1,1,1-TRICHLOROET	1.6E-01		1	1
MW-2	T	9/1/2010	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-2	T	3/1/2011	1,1,1-TRICHLOROET	2.5E-01		1	1
MW-2	T	9/1/2011	1,1,1-TRICHLOROET	1.7E-01		1	1
MW-2	T	3/1/2012	1,1,1-TRICHLOROET	2.0E-01		1	1
MW-2	T	9/1/2012	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-2	T	3/1/2013	1,1,1-TRICHLOROET	1.2E-01		1	1
MW-2	T	9/1/2013	1,1,1-TRICHLOROET	1.3E-01		1	1
MW-2	T	3/1/2014	1,1,1-TRICHLOROET	1.9E-01		1	1
MW-2	T	9/1/2014	1,1,1-TRICHLOROET	1.8E-01		1	1
MW-2	T	3/1/2015	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-2	T	9/1/2015	1,1,1-TRICHLOROET	1.1E-01		1	1
MW-2	T	3/1/2016	1,1,1-TRICHLOROET	1.3E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

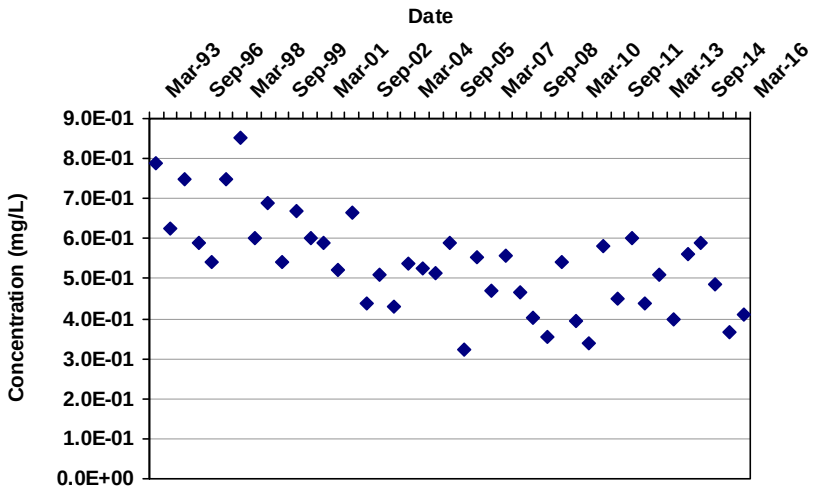
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-2	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-405

Confidence in Trend:

100.0%

Coefficient of Variation:

0.23

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-2	T	3/1/1993	1,1-DICHLOROETHE	7.9E-01		1	1
MW-2	T	9/1/1994	1,1-DICHLOROETHE	6.3E-01		2	2
MW-2	T	9/1/1995	1,1-DICHLOROETHE	7.5E-01		1	1
MW-2	T	9/1/1996	1,1-DICHLOROETHE	5.9E-01		1	1
MW-2	T	3/1/1997	1,1-DICHLOROETHE	5.4E-01		1	1
MW-2	T	9/1/1997	1,1-DICHLOROETHE	7.5E-01		1	1
MW-2	T	3/1/1998	1,1-DICHLOROETHE	8.5E-01		2	2
MW-2	T	9/1/1998	1,1-DICHLOROETHE	6.0E-01		2	2
MW-2	T	3/1/1999	1,1-DICHLOROETHE	6.9E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-2	T	9/1/1999	1,1-DICHLOROETHE	5.4E-01		1	1
MW-2	T	3/1/2000	1,1-DICHLOROETHE	6.7E-01		1	1
MW-2	T	9/1/2000	1,1-DICHLOROETHE	6.0E-01		2	2
MW-2	T	3/1/2001	1,1-DICHLOROETHE	5.9E-01		1	1
MW-2	T	9/1/2001	1,1-DICHLOROETHE	5.2E-01		1	1
MW-2	T	3/1/2002	1,1-DICHLOROETHE	6.7E-01		1	1
MW-2	T	9/1/2002	1,1-DICHLOROETHE	4.4E-01		1	1
MW-2	T	3/1/2003	1,1-DICHLOROETHE	5.1E-01		1	1
MW-2	T	9/1/2003	1,1-DICHLOROETHE	4.3E-01		1	1
MW-2	T	3/1/2004	1,1-DICHLOROETHE	5.4E-01		1	1
MW-2	T	9/1/2004	1,1-DICHLOROETHE	5.3E-01		1	1
MW-2	T	3/1/2005	1,1-DICHLOROETHE	5.1E-01		1	1
MW-2	T	9/1/2005	1,1-DICHLOROETHE	5.9E-01		1	1
MW-2	T	3/1/2006	1,1-DICHLOROETHE	3.2E-01		1	1
MW-2	T	9/1/2006	1,1-DICHLOROETHE	5.6E-01		1	1
MW-2	T	3/1/2007	1,1-DICHLOROETHE	4.7E-01		1	1
MW-2	T	9/1/2007	1,1-DICHLOROETHE	5.6E-01		1	1
MW-2	T	3/1/2008	1,1-DICHLOROETHE	4.7E-01		1	1
MW-2	T	9/1/2008	1,1-DICHLOROETHE	4.0E-01		1	1
MW-2	T	3/1/2009	1,1-DICHLOROETHE	3.5E-01		1	1
MW-2	T	9/1/2009	1,1-DICHLOROETHE	5.4E-01		1	1
MW-2	T	3/1/2010	1,1-DICHLOROETHE	4.0E-01		1	1
MW-2	T	9/1/2010	1,1-DICHLOROETHE	3.4E-01		1	1
MW-2	T	3/1/2011	1,1-DICHLOROETHE	5.8E-01		1	1
MW-2	T	9/1/2011	1,1-DICHLOROETHE	4.5E-01		1	1
MW-2	T	3/1/2012	1,1-DICHLOROETHE	6.0E-01		1	1
MW-2	T	9/1/2012	1,1-DICHLOROETHE	4.4E-01		1	1
MW-2	T	3/1/2013	1,1-DICHLOROETHE	5.1E-01		1	1
MW-2	T	9/1/2013	1,1-DICHLOROETHE	4.0E-01		1	1
MW-2	T	3/1/2014	1,1-DICHLOROETHE	5.6E-01		1	1
MW-2	T	9/1/2014	1,1-DICHLOROETHE	5.9E-01		1	1
MW-2	T	3/1/2015	1,1-DICHLOROETHE	4.8E-01		1	1
MW-2	T	9/1/2015	1,1-DICHLOROETHE	3.6E-01		1	1
MW-2	T	3/1/2016	1,1-DICHLOROETHE	4.1E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

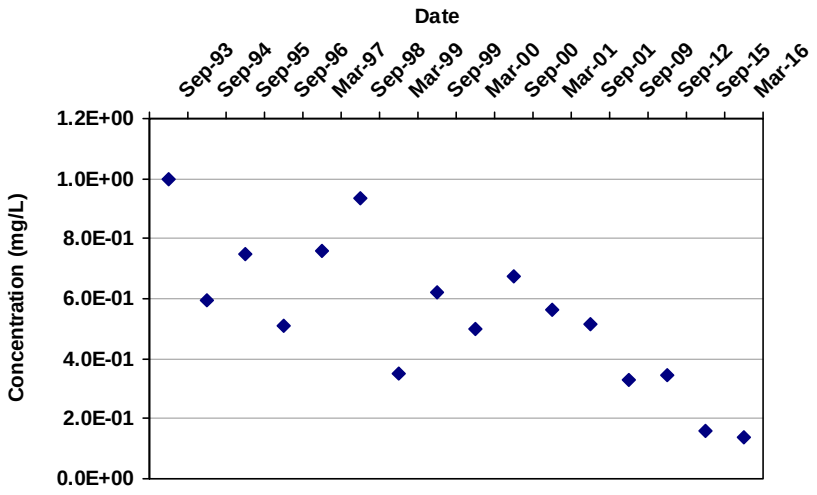
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-6	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-72

Confidence in Trend:

100.0%

Coefficient of Variation:

0.45

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-6	T	9/1/1993	1,1,1-TRICHLOROET	1.0E+00		1	1
MW-6	T	9/1/1994	1,1,1-TRICHLOROET	5.9E-01		2	2
MW-6	T	9/1/1995	1,1,1-TRICHLOROET	7.5E-01		1	1
MW-6	T	9/1/1996	1,1,1-TRICHLOROET	5.1E-01		1	1
MW-6	T	3/1/1997	1,1,1-TRICHLOROET	7.6E-01		1	1
MW-6	T	9/1/1998	1,1,1-TRICHLOROET	9.4E-01		2	2
MW-6	T	3/1/1999	1,1,1-TRICHLOROET	3.5E-01		1	1
MW-6	T	9/1/1999	1,1,1-TRICHLOROET	6.2E-01		1	1
MW-6	T	3/1/2000	1,1,1-TRICHLOROET	5.0E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-6	T	9/1/2000	1,1,1-TRICHLOROET	6.7E-01		2	2
MW-6	T	3/1/2001	1,1,1-TRICHLOROET	5.6E-01		1	1
MW-6	T	9/1/2001	1,1,1-TRICHLOROET	5.2E-01		1	1
MW-6	T	9/1/2009	1,1,1-TRICHLOROET	3.3E-01		1	1
MW-6	T	9/1/2012	1,1,1-TRICHLOROET	3.5E-01		1	1
MW-6	T	9/1/2015	1,1,1-TRICHLOROET	1.6E-01		1	1
MW-6	T	3/1/2016	1,1,1-TRICHLOROET	1.4E-01		1	1

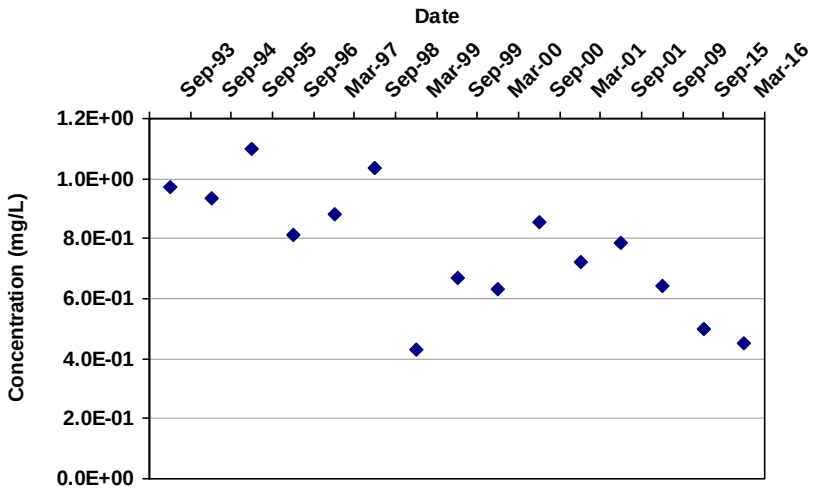
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-6	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-57

Confidence in Trend:

99.8%

Coefficient of Variation:

0.27

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-6	T	9/1/1993	1,1-DICHLOROETHE	9.7E-01		1	1
MW-6	T	9/1/1994	1,1-DICHLOROETHE	9.3E-01		2	2
MW-6	T	9/1/1995	1,1-DICHLOROETHE	1.1E+00		1	1
MW-6	T	9/1/1996	1,1-DICHLOROETHE	8.1E-01		1	1
MW-6	T	3/1/1997	1,1-DICHLOROETHE	8.8E-01		1	1
MW-6	T	9/1/1998	1,1-DICHLOROETHE	1.0E+00		2	2
MW-6	T	3/1/1999	1,1-DICHLOROETHE	4.3E-01		1	1
MW-6	T	9/1/1999	1,1-DICHLOROETHE	6.7E-01		1	1
MW-6	T	3/1/2000	1,1-DICHLOROETHE	6.3E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-6	T	9/1/2000	1,1-DICHLOROETHE	8.5E-01		2	2
MW-6	T	3/1/2001	1,1-DICHLOROETHE	7.2E-01		1	1
MW-6	T	9/1/2001	1,1-DICHLOROETHE	7.8E-01		1	1
MW-6	T	9/1/2009	1,1-DICHLOROETHE	6.5E-01		1	1
MW-6	T	9/1/2015	1,1-DICHLOROETHE	5.0E-01		1	1
MW-6	T	3/1/2016	1,1-DICHLOROETHE	4.5E-01		1	1

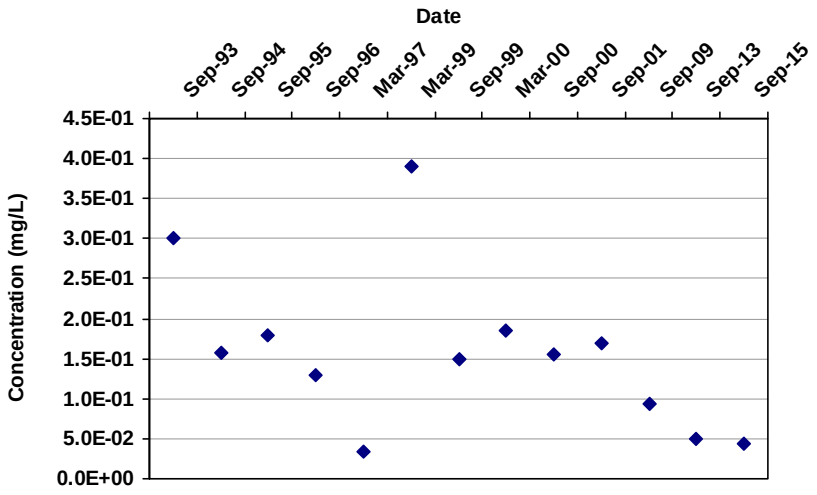
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-8	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-30

Confidence in Trend:

96.2%

Coefficient of Variation:

0.64

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-8	T	9/1/1993	1,1,1-TRICHLOROET	3.0E-01		1	1
MW-8	T	9/1/1994	1,1,1-TRICHLOROET	1.6E-01		2	2
MW-8	T	9/1/1995	1,1,1-TRICHLOROET	1.8E-01		1	1
MW-8	T	9/1/1996	1,1,1-TRICHLOROET	1.3E-01		1	1
MW-8	T	3/1/1997	1,1,1-TRICHLOROET	3.4E-02		1	1
MW-8	T	3/1/1999	1,1,1-TRICHLOROET	3.9E-01		1	1
MW-8	T	9/1/1999	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-8	T	3/1/2000	1,1,1-TRICHLOROET	1.9E-01		2	2
MW-8	T	9/1/2000	1,1,1-TRICHLOROET	1.6E-01		2	2

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-8	T	9/1/2001	1,1,1-TRICHLOROET	1.7E-01		1	1
MW-8	T	9/1/2009	1,1,1-TRICHLOROET	9.3E-02		1	1
MW-8	T	9/1/2013	1,1,1-TRICHLOROET	4.9E-02		1	1
MW-8	T	9/1/2015	1,1,1-TRICHLOROET	4.3E-02		1	1

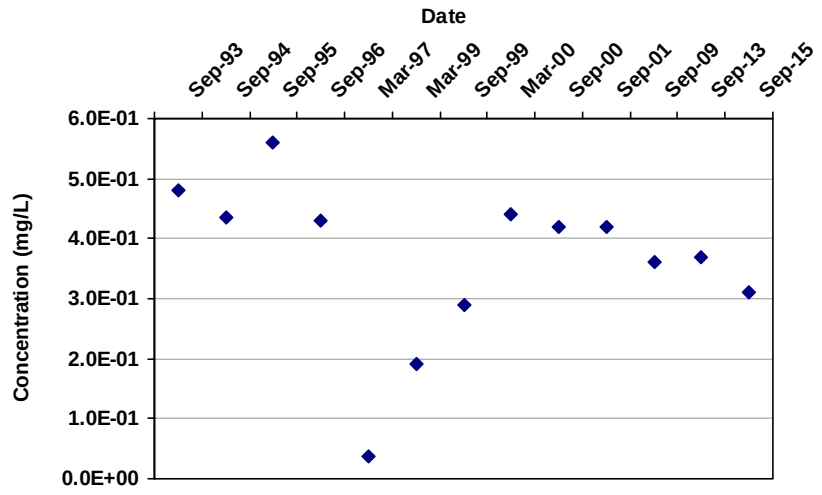
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-8	**Time Period:**	1/13/1993 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-26

Confidence in Trend:

93.6%

Coefficient of Variation:

0.37

Mann Kendall Concentration Trend: (See Note)

PD

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-8	T	9/1/1993	1,1-DICHLOROETHE	4.8E-01		1	1
MW-8	T	9/1/1994	1,1-DICHLOROETHE	4.4E-01		2	2
MW-8	T	9/1/1995	1,1-DICHLOROETHE	5.6E-01		1	1
MW-8	T	9/1/1996	1,1-DICHLOROETHE	4.3E-01		1	1
MW-8	T	3/1/1997	1,1-DICHLOROETHE	3.8E-02		1	1
MW-8	T	3/1/1999	1,1-DICHLOROETHE	1.9E-01		1	1
MW-8	T	9/1/1999	1,1-DICHLOROETHE	2.9E-01		1	1
MW-8	T	3/1/2000	1,1-DICHLOROETHE	4.4E-01		2	2
MW-8	T	9/1/2000	1,1-DICHLOROETHE	4.2E-01		2	2

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-8	T	9/1/2001	1,1-DICHLOROETHE	4.2E-01		1	1
MW-8	T	9/1/2009	1,1-DICHLOROETHE	3.6E-01		1	1
MW-8	T	9/1/2013	1,1-DICHLOROETHE	3.7E-01		1	1
MW-8	T	9/1/2015	1,1-DICHLOROETHE	3.1E-01		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

APPENDIX E-1B: 2005 - May 2016: M-4-150

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Time Period: 5/16/2005 **to** 5/2/2016
Consolidation Period: Other
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Well	Source/ Tail	Number of Samples	Number of Detects	Coefficient of Variation	Mann-Kendall Statistic	Confidence in Trend	All Samples "ND" ?	Concentration Trend
1,1,1-TRICHLOROETHANE								
M-4-150	T	23	23	0.54	-227	100.0%	No	D
MW-10	S	23	23	0.47	-102	99.7%	No	D
1,1-DICHLOROETHENE								
M-4-150	T	23	23	0.24	-141	100.0%	No	D
MW-10	S	23	23	0.22	-39	84.0%	No	S

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

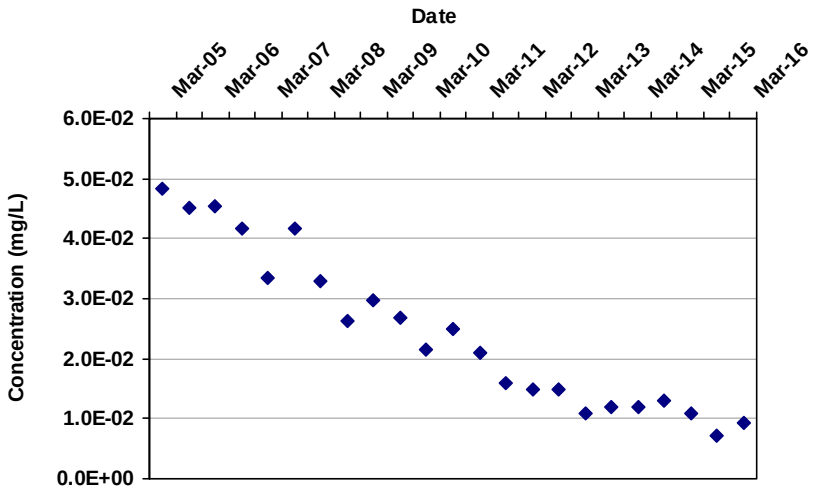
The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	M-4-150	**Time Period:**	5/16/2005 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-227

Confidence in Trend:

100.0%

Coefficient of Variation:

0.54

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	3/1/2005	1,1,1-TRICHLOROET	4.8E-02		1	1
M-4-150	T	9/1/2005	1,1,1-TRICHLOROET	4.5E-02		1	1
M-4-150	T	3/1/2006	1,1,1-TRICHLOROET	4.5E-02		1	1
M-4-150	T	9/1/2006	1,1,1-TRICHLOROET	4.2E-02		1	1
M-4-150	T	3/1/2007	1,1,1-TRICHLOROET	3.4E-02		1	1
M-4-150	T	9/1/2007	1,1,1-TRICHLOROET	4.2E-02		1	1
M-4-150	T	3/1/2008	1,1,1-TRICHLOROET	3.3E-02		1	1
M-4-150	T	9/1/2008	1,1,1-TRICHLOROET	2.6E-02		1	1
M-4-150	T	3/1/2009	1,1,1-TRICHLOROET	3.0E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	9/1/2009	1,1,1-TRICHLOROET	2.7E-02		1	1
M-4-150	T	3/1/2010	1,1,1-TRICHLOROET	2.1E-02		1	1
M-4-150	T	9/1/2010	1,1,1-TRICHLOROET	2.5E-02		1	1
M-4-150	T	3/1/2011	1,1,1-TRICHLOROET	2.1E-02		1	1
M-4-150	T	9/1/2011	1,1,1-TRICHLOROET	1.6E-02		1	1
M-4-150	T	3/1/2012	1,1,1-TRICHLOROET	1.5E-02		1	1
M-4-150	T	9/1/2012	1,1,1-TRICHLOROET	1.5E-02		1	1
M-4-150	T	3/1/2013	1,1,1-TRICHLOROET	1.1E-02		1	1
M-4-150	T	9/1/2013	1,1,1-TRICHLOROET	1.2E-02		1	1
M-4-150	T	3/1/2014	1,1,1-TRICHLOROET	1.2E-02		1	1
M-4-150	T	9/1/2014	1,1,1-TRICHLOROET	1.3E-02		1	1
M-4-150	T	3/1/2015	1,1,1-TRICHLOROET	1.1E-02		1	1
M-4-150	T	9/1/2015	1,1,1-TRICHLOROET	7.3E-03		1	1
M-4-150	T	3/1/2016	1,1,1-TRICHLOROET	9.4E-03		1	1

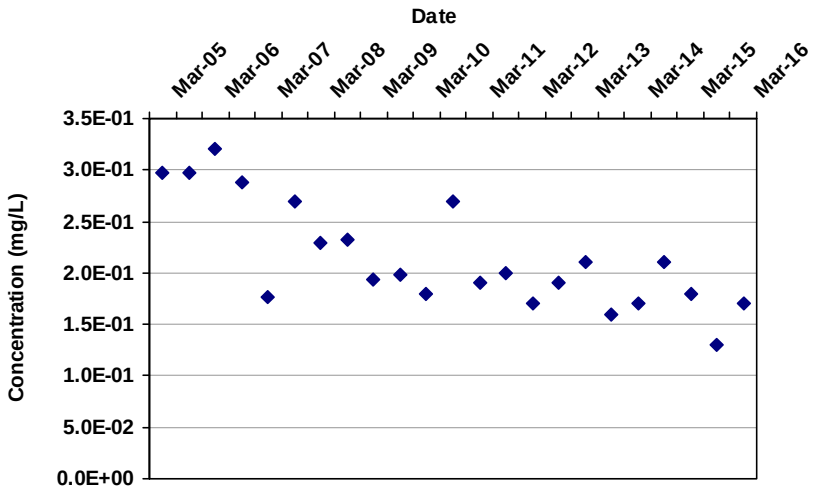
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	M-4-150	**Time Period:**	5/16/2005 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-141

Confidence in Trend:

100.0%

Coefficient of Variation:

0.24

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	3/1/2005	1,1-DICHLOROETHE	3.0E-01		1	1
M-4-150	T	9/1/2005	1,1-DICHLOROETHE	3.0E-01		1	1
M-4-150	T	3/1/2006	1,1-DICHLOROETHE	3.2E-01		1	1
M-4-150	T	9/1/2006	1,1-DICHLOROETHE	2.9E-01		1	1
M-4-150	T	3/1/2007	1,1-DICHLOROETHE	1.8E-01		1	1
M-4-150	T	9/1/2007	1,1-DICHLOROETHE	2.7E-01		1	1
M-4-150	T	3/1/2008	1,1-DICHLOROETHE	2.3E-01		1	1
M-4-150	T	9/1/2008	1,1-DICHLOROETHE	2.3E-01		1	1
M-4-150	T	3/1/2009	1,1-DICHLOROETHE	1.9E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	9/1/2009	1,1-DICHLOROETHE	2.0E-01		1	1
M-4-150	T	3/1/2010	1,1-DICHLOROETHE	1.8E-01		1	1
M-4-150	T	9/1/2010	1,1-DICHLOROETHE	2.7E-01		1	1
M-4-150	T	3/1/2011	1,1-DICHLOROETHE	1.9E-01		1	1
M-4-150	T	9/1/2011	1,1-DICHLOROETHE	2.0E-01		1	1
M-4-150	T	3/1/2012	1,1-DICHLOROETHE	1.7E-01		1	1
M-4-150	T	9/1/2012	1,1-DICHLOROETHE	1.9E-01		1	1
M-4-150	T	3/1/2013	1,1-DICHLOROETHE	2.1E-01		1	1
M-4-150	T	9/1/2013	1,1-DICHLOROETHE	1.6E-01		1	1
M-4-150	T	3/1/2014	1,1-DICHLOROETHE	1.7E-01		1	1
M-4-150	T	9/1/2014	1,1-DICHLOROETHE	2.1E-01		1	1
M-4-150	T	3/1/2015	1,1-DICHLOROETHE	1.8E-01		1	1
M-4-150	T	9/1/2015	1,1-DICHLOROETHE	1.3E-01		1	1
M-4-150	T	3/1/2016	1,1-DICHLOROETHE	1.7E-01		1	1

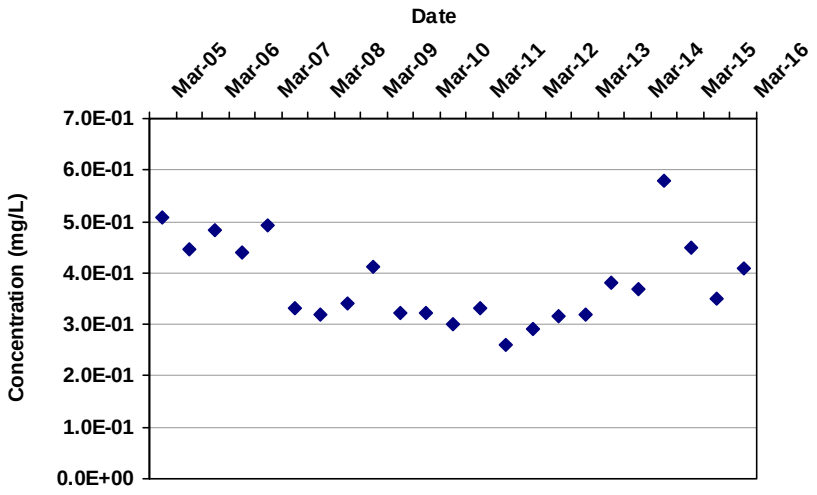
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-10	**Time Period:**	5/16/2005 **to** 5/2/2016
Well Type:	S	**Consolidation Period:**	Other
COC:	1,1-DICHLOROETHENE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-39

Confidence in Trend:

84.0%

Coefficient of Variation:

0.22

Mann Kendall Concentration Trend: (See Note)

S

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	3/1/2005	1,1-DICHLOROETHE	5.1E-01		1	1
MW-10	S	9/1/2005	1,1-DICHLOROETHE	4.5E-01		1	1
MW-10	S	3/1/2006	1,1-DICHLOROETHE	4.8E-01		1	1
MW-10	S	9/1/2006	1,1-DICHLOROETHE	4.4E-01		1	1
MW-10	S	3/1/2007	1,1-DICHLOROETHE	4.9E-01		1	1
MW-10	S	9/1/2007	1,1-DICHLOROETHE	3.3E-01		1	1
MW-10	S	3/1/2008	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	9/1/2008	1,1-DICHLOROETHE	3.4E-01		1	1
MW-10	S	3/1/2009	1,1-DICHLOROETHE	4.1E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	9/1/2009	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	3/1/2010	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	9/1/2010	1,1-DICHLOROETHE	3.0E-01		1	1
MW-10	S	3/1/2011	1,1-DICHLOROETHE	3.3E-01		1	1
MW-10	S	9/1/2011	1,1-DICHLOROETHE	2.6E-01		1	1
MW-10	S	3/1/2012	1,1-DICHLOROETHE	2.9E-01		1	1
MW-10	S	9/1/2012	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	3/1/2013	1,1-DICHLOROETHE	3.2E-01		1	1
MW-10	S	9/1/2013	1,1-DICHLOROETHE	3.8E-01		1	1
MW-10	S	3/1/2014	1,1-DICHLOROETHE	3.7E-01		1	1
MW-10	S	9/1/2014	1,1-DICHLOROETHE	5.8E-01		1	1
MW-10	S	3/1/2015	1,1-DICHLOROETHE	4.5E-01		1	1
MW-10	S	9/1/2015	1,1-DICHLOROETHE	3.5E-01		1	1
MW-10	S	3/1/2016	1,1-DICHLOROETHE	4.1E-01		1	1

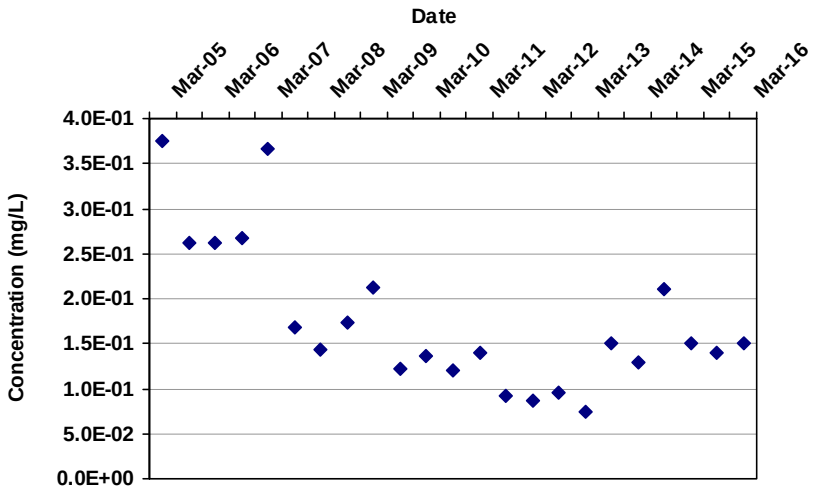
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-10	**Time Period:**	5/16/2005 **to** 5/2/2016
Well Type:	S	**Consolidation Period:**	Other
COC:	1,1,1-TRICHLOROETHANE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-102

Confidence in Trend:

99.7%

Coefficient of Variation:

0.47

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	3/1/2005	1,1,1-TRICHLOROET	3.8E-01		1	1
MW-10	S	9/1/2005	1,1,1-TRICHLOROET	2.6E-01		1	1
MW-10	S	3/1/2006	1,1,1-TRICHLOROET	2.6E-01		1	1
MW-10	S	9/1/2006	1,1,1-TRICHLOROET	2.7E-01		1	1
MW-10	S	3/1/2007	1,1,1-TRICHLOROET	3.7E-01		1	1
MW-10	S	9/1/2007	1,1,1-TRICHLOROET	1.7E-01		1	1
MW-10	S	3/1/2008	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	9/1/2008	1,1,1-TRICHLOROET	1.7E-01		1	1
MW-10	S	3/1/2009	1,1,1-TRICHLOROET	2.1E-01		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	9/1/2009	1,1,1-TRICHLOROET	1.2E-01		1	1
MW-10	S	3/1/2010	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	9/1/2010	1,1,1-TRICHLOROET	1.2E-01		1	1
MW-10	S	3/1/2011	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	9/1/2011	1,1,1-TRICHLOROET	9.2E-02		1	1
MW-10	S	3/1/2012	1,1,1-TRICHLOROET	8.6E-02		1	1
MW-10	S	9/1/2012	1,1,1-TRICHLOROET	9.6E-02		1	1
MW-10	S	3/1/2013	1,1,1-TRICHLOROET	7.4E-02		1	1
MW-10	S	9/1/2013	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-10	S	3/1/2014	1,1,1-TRICHLOROET	1.3E-01		1	1
MW-10	S	9/1/2014	1,1,1-TRICHLOROET	2.1E-01		1	1
MW-10	S	3/1/2015	1,1,1-TRICHLOROET	1.5E-01		1	1
MW-10	S	9/1/2015	1,1,1-TRICHLOROET	1.4E-01		1	1
MW-10	S	3/1/2016	1,1,1-TRICHLOROET	1.5E-01		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

APPENDIX E-1C: 2013 - May 2016: CW-4-Dike

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Time Period: 5/13/2013 **to** 5/2/2016
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Well	Source/ Tail	Number of Samples	Number of Detects	Coefficient of Variation	Mann-Kendall Statistic	Confidence in Trend	All Samples "ND" ?	Concentration Trend
1,1,1-TRICHLOROETHANE								
CW-4-Dike	T	7	0	0.00	0	43.7%	Yes	ND
MW-10	S	7	7	0.28	6	76.4%	No	NT
1,1-DICHLOROETHENE								
CW-4-Dike	T	7	7	0.14	-4	66.7%	No	S
MW-10	S	7	7	0.21	5	71.9%	No	NT

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well: CW-4-Dike **Time Period:** 5/13/2013 **to** 5/2/2016

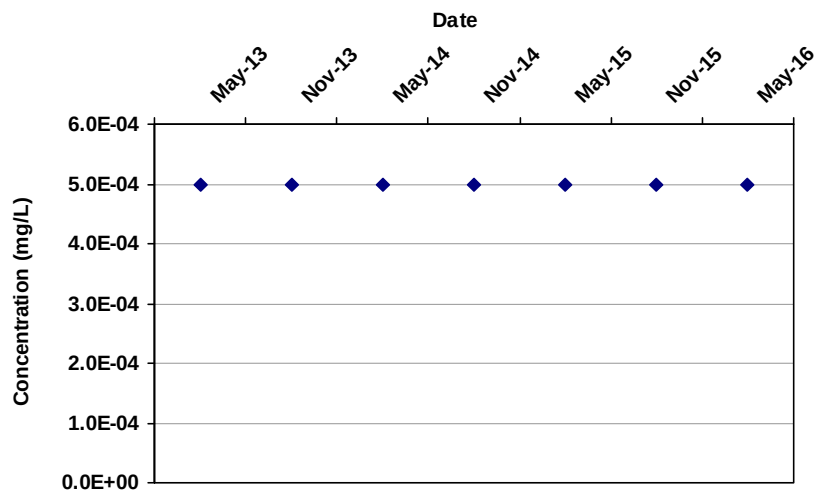
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,1,1-TRICHLOROETHANE **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

0

Confidence in Trend:

43.7%

Coefficient of Variation:

0.00

Mann Kendall Concentration Trend: (See Note)

ND

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	5/13/2013	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	11/4/2013	1,1,1-TRICHLOROET	5.0E-04	ND	2	0
CW-4-Dike	T	5/5/2014	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	11/3/2014	1,1,1-TRICHLOROET	5.0E-04	ND	2	0
CW-4-Dike	T	5/4/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	11/3/2015	1,1,1-TRICHLOROET	5.0E-04	ND	1	0
CW-4-Dike	T	5/2/2016	1,1,1-TRICHLOROET	5.0E-04	ND	1	0

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well: CW-4-Dike **Time Period:** 5/13/2013 **to** 5/2/2016

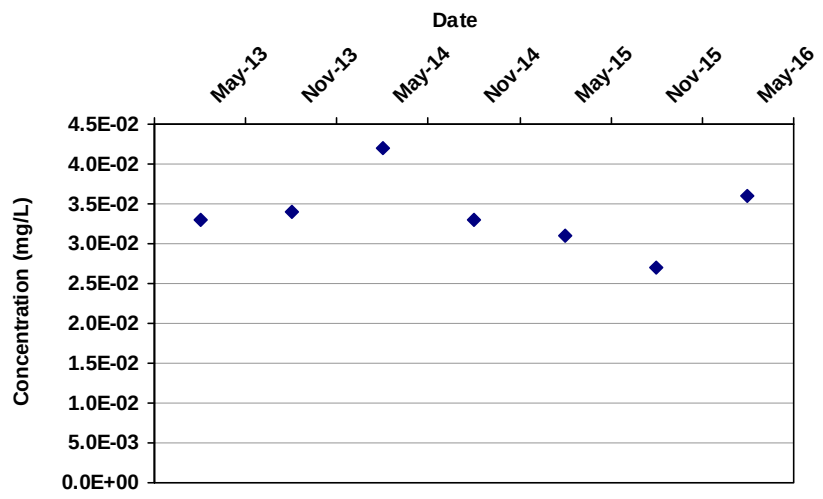
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,1-DICHLOROETHENE **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

-4

Confidence in Trend:

66.7%

Coefficient of Variation:

0.14

Mann Kendall Concentration Trend: (See Note)

S

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	5/13/2013	1,1-DICHLOROETHE	3.3E-02		1	1
CW-4-Dike	T	11/4/2013	1,1-DICHLOROETHE	3.4E-02		2	2
CW-4-Dike	T	5/5/2014	1,1-DICHLOROETHE	4.2E-02		1	1
CW-4-Dike	T	11/3/2014	1,1-DICHLOROETHE	3.3E-02		2	2
CW-4-Dike	T	5/4/2015	1,1-DICHLOROETHE	3.1E-02		1	1
CW-4-Dike	T	11/3/2015	1,1-DICHLOROETHE	2.7E-02		1	1
CW-4-Dike	T	5/2/2016	1,1-DICHLOROETHE	3.6E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

APPENDIX E-2

STATISTICAL TREND ANALYSIS - VINYL CHLORIDE

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Time Period: 5/11/2004 **to** 5/2/2016
Consolidation Period: Other
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Well	Source/ Tail	Number of Samples	Number of Detects	Coefficient of Variation	Mann-Kendall Statistic	Confidence in Trend	All Samples "ND" ?	Concentration Trend
VINYL CHLORIDE								
MW-11	T	25	23	0.52	131	99.9%	No	I
MW-16S	S	24	24	0.48	-97	99.2%	No	D
MW-20	T	11	11	0.30	-41	100.0%	No	D
OW-1	T	16	4	1.17	4	55.3%	No	NT
OW-2	T	16	13	1.10	-79	100.0%	No	D
OW-3	T	16	8	1.27	-34	93.0%	No	PD

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

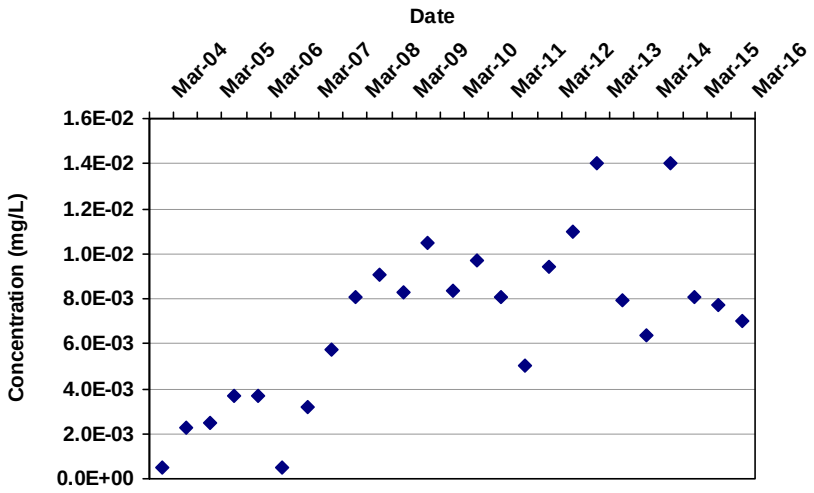
The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-11	**Time Period:**	5/11/2004 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	VINYL CHLORIDE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

131

Confidence in Trend:

99.9%

Coefficient of Variation:

0.52

Mann Kendall Concentration Trend: (See Note)

I

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	3/1/2004	VINYL CHLORIDE	5.0E-04	ND	1	0
MW-11	T	9/1/2004	VINYL CHLORIDE	2.3E-03		1	1
MW-11	T	3/1/2005	VINYL CHLORIDE	2.5E-03		1	1
MW-11	T	9/1/2005	VINYL CHLORIDE	3.7E-03		1	1
MW-11	T	3/1/2006	VINYL CHLORIDE	3.7E-03		1	1
MW-11	T	9/1/2006	VINYL CHLORIDE	5.0E-04	ND	1	0
MW-11	T	3/1/2007	VINYL CHLORIDE	3.2E-03		1	1
MW-11	T	9/1/2007	VINYL CHLORIDE	5.7E-03		1	1
MW-11	T	3/1/2008	VINYL CHLORIDE	8.1E-03		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	9/1/2008	VINYL CHLORIDE	9.1E-03		1	1
MW-11	T	3/1/2009	VINYL CHLORIDE	8.3E-03		1	1
MW-11	T	9/1/2009	VINYL CHLORIDE	1.1E-02		1	1
MW-11	T	3/1/2010	VINYL CHLORIDE	8.4E-03		1	1
MW-11	T	9/1/2010	VINYL CHLORIDE	9.7E-03		1	1
MW-11	T	3/1/2011	VINYL CHLORIDE	8.1E-03		1	1
MW-11	T	9/1/2011	VINYL CHLORIDE	5.0E-03		1	1
MW-11	T	3/1/2012	VINYL CHLORIDE	9.4E-03		1	1
MW-11	T	9/1/2012	VINYL CHLORIDE	1.1E-02		1	1
MW-11	T	3/1/2013	VINYL CHLORIDE	1.4E-02		1	1
MW-11	T	9/1/2013	VINYL CHLORIDE	7.9E-03		1	1
MW-11	T	3/1/2014	VINYL CHLORIDE	6.4E-03		1	1
MW-11	T	9/1/2014	VINYL CHLORIDE	1.4E-02		1	1
MW-11	T	3/1/2015	VINYL CHLORIDE	8.1E-03		1	1
MW-11	T	9/1/2015	VINYL CHLORIDE	7.7E-03		1	1
MW-11	T	3/1/2016	VINYL CHLORIDE	7.0E-03		1	1

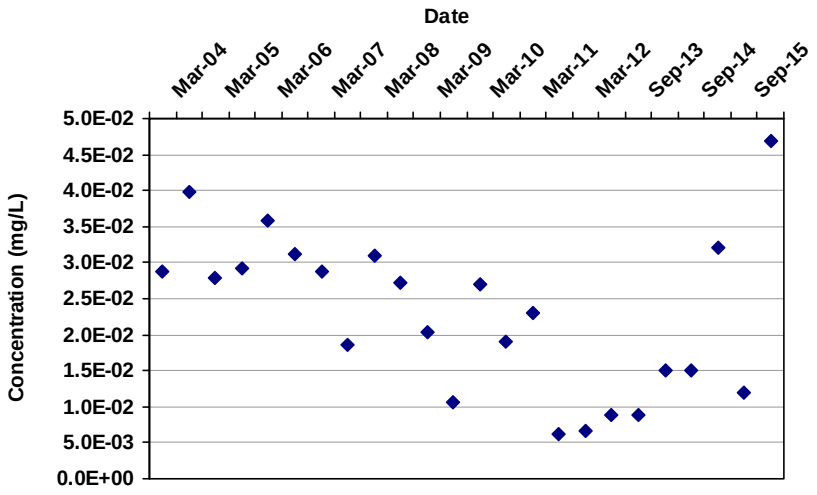
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-16S	**Time Period:**	5/11/2004 **to** 5/2/2016
Well Type:	S	**Consolidation Period:**	Other
COC:	VINYL CHLORIDE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-97

Confidence in Trend:

99.2%

Coefficient of Variation:

0.48

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-16S	S	3/1/2004	VINYL CHLORIDE	2.9E-02		1	1
MW-16S	S	9/1/2004	VINYL CHLORIDE	4.0E-02		1	1
MW-16S	S	3/1/2005	VINYL CHLORIDE	2.8E-02		1	1
MW-16S	S	9/1/2005	VINYL CHLORIDE	2.9E-02		1	1
MW-16S	S	3/1/2006	VINYL CHLORIDE	3.6E-02		1	1
MW-16S	S	9/1/2006	VINYL CHLORIDE	3.1E-02		1	1
MW-16S	S	3/1/2007	VINYL CHLORIDE	2.9E-02		1	1
MW-16S	S	9/1/2007	VINYL CHLORIDE	1.8E-02		1	1
MW-16S	S	3/1/2008	VINYL CHLORIDE	3.1E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-16S	S	9/1/2008	VINYL CHLORIDE	2.7E-02		1	1
MW-16S	S	3/1/2009	VINYL CHLORIDE	2.0E-02		1	1
MW-16S	S	9/1/2009	VINYL CHLORIDE	1.1E-02		1	1
MW-16S	S	3/1/2010	VINYL CHLORIDE	2.7E-02		1	1
MW-16S	S	9/1/2010	VINYL CHLORIDE	1.9E-02		1	1
MW-16S	S	3/1/2011	VINYL CHLORIDE	2.3E-02		1	1
MW-16S	S	9/1/2011	VINYL CHLORIDE	6.2E-03		1	1
MW-16S	S	3/1/2012	VINYL CHLORIDE	6.6E-03		1	1
MW-16S	S	9/1/2012	VINYL CHLORIDE	8.8E-03		1	1
MW-16S	S	9/1/2013	VINYL CHLORIDE	8.8E-03		1	1
MW-16S	S	3/1/2014	VINYL CHLORIDE	1.5E-02		1	1
MW-16S	S	9/1/2014	VINYL CHLORIDE	1.5E-02		1	1
MW-16S	S	3/1/2015	VINYL CHLORIDE	3.2E-02		1	1
MW-16S	S	9/1/2015	VINYL CHLORIDE	1.2E-02		1	1
MW-16S	S	3/1/2016	VINYL CHLORIDE	4.7E-02		1	1

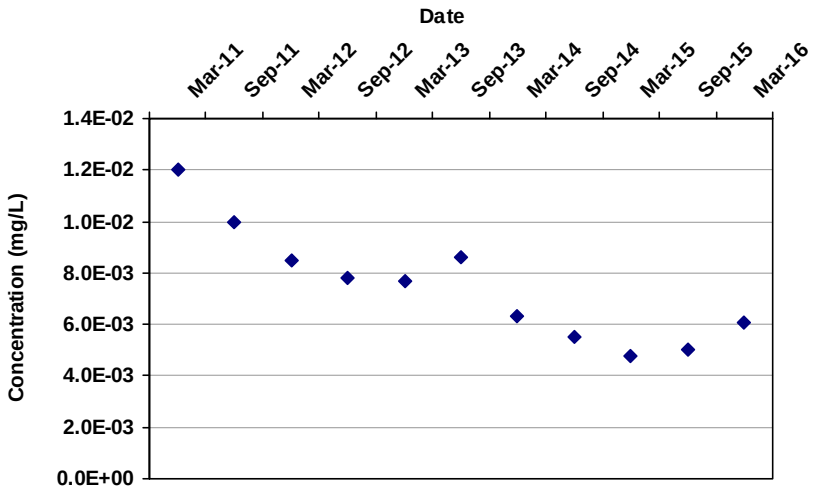
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-20	**Time Period:**	5/11/2004 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	VINYL CHLORIDE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-41

Confidence in Trend:

100.0%

Coefficient of Variation:

0.30

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-20	T	3/1/2011	VINYL CHLORIDE	1.2E-02		1	1
MW-20	T	9/1/2011	VINYL CHLORIDE	1.0E-02		1	1
MW-20	T	3/1/2012	VINYL CHLORIDE	8.5E-03		1	1
MW-20	T	9/1/2012	VINYL CHLORIDE	7.8E-03		1	1
MW-20	T	3/1/2013	VINYL CHLORIDE	7.7E-03		1	1
MW-20	T	9/1/2013	VINYL CHLORIDE	8.6E-03		1	1
MW-20	T	3/1/2014	VINYL CHLORIDE	6.3E-03		1	1
MW-20	T	9/1/2014	VINYL CHLORIDE	5.5E-03		1	1
MW-20	T	3/1/2015	VINYL CHLORIDE	4.8E-03		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-20	T	9/1/2015	VINYL CHLORIDE	5.0E-03		1	1
MW-20	T	3/1/2016	VINYL CHLORIDE	6.1E-03		1	1

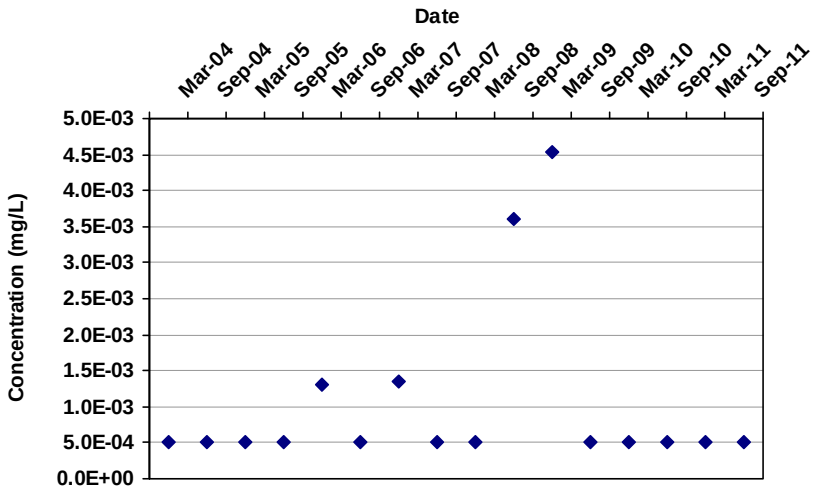
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	OW-1	**Time Period:**	5/11/2004 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	VINYL CHLORIDE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

4

Confidence in Trend:

55.3%

Coefficient of Variation:

1.17

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
OW-1	T	3/1/2004	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	9/1/2004	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	3/1/2005	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	9/1/2005	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	3/1/2006	VINYL CHLORIDE	1.3E-03		1	1
OW-1	T	9/1/2006	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	3/1/2007	VINYL CHLORIDE	1.4E-03		1	1
OW-1	T	9/1/2007	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	3/1/2008	VINYL CHLORIDE	5.0E-04	ND	1	0

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
OW-1	T	9/1/2008	VINYL CHLORIDE	3.6E-03		1	1
OW-1	T	3/1/2009	VINYL CHLORIDE	4.5E-03		1	1
OW-1	T	9/1/2009	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	3/1/2010	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	9/1/2010	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	3/1/2011	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-1	T	9/1/2011	VINYL CHLORIDE	5.0E-04	ND	1	0

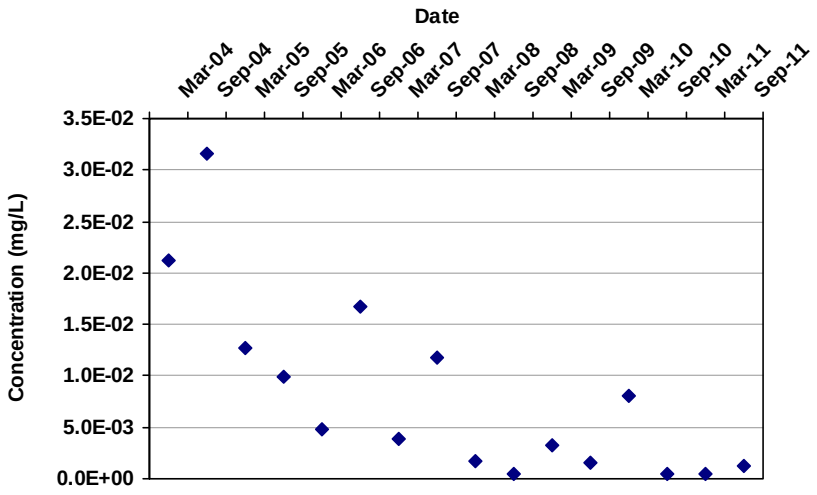
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	OW-2	**Time Period:**	5/11/2004 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	VINYL CHLORIDE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-79

Confidence in Trend:

100.0%

Coefficient of Variation:

1.10

Mann Kendall Concentration Trend: (See Note)

D

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
OW-2	T	3/1/2004	VINYL CHLORIDE	2.1E-02		1	1
OW-2	T	9/1/2004	VINYL CHLORIDE	3.2E-02		1	1
OW-2	T	3/1/2005	VINYL CHLORIDE	1.3E-02		1	1
OW-2	T	9/1/2005	VINYL CHLORIDE	1.0E-02		1	1
OW-2	T	3/1/2006	VINYL CHLORIDE	4.8E-03		1	1
OW-2	T	9/1/2006	VINYL CHLORIDE	1.7E-02		1	1
OW-2	T	3/1/2007	VINYL CHLORIDE	3.9E-03		1	1
OW-2	T	9/1/2007	VINYL CHLORIDE	1.2E-02		1	1
OW-2	T	3/1/2008	VINYL CHLORIDE	1.6E-03		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
OW-2	T	9/1/2008	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-2	T	3/1/2009	VINYL CHLORIDE	3.2E-03		1	1
OW-2	T	9/1/2009	VINYL CHLORIDE	1.5E-03		1	1
OW-2	T	3/1/2010	VINYL CHLORIDE	8.0E-03		1	1
OW-2	T	9/1/2010	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-2	T	3/1/2011	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-2	T	9/1/2011	VINYL CHLORIDE	1.2E-03		1	1

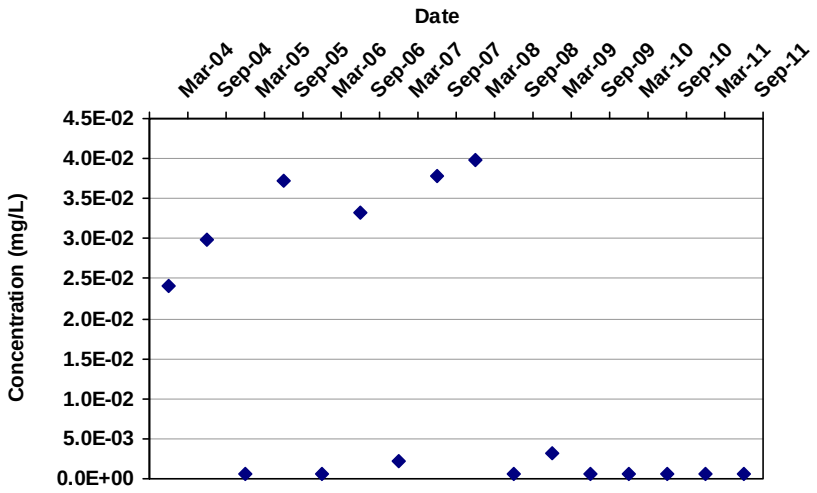
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well:	OW-3	**Time Period:**	5/11/2004 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	Other
COC:	VINYL CHLORIDE	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

-34

Confidence in Trend:

93.0%

Coefficient of Variation:

1.27

Mann Kendall Concentration Trend: (See Note)

PD

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
OW-3	T	3/1/2004	VINYL CHLORIDE	2.4E-02		1	1
OW-3	T	9/1/2004	VINYL CHLORIDE	3.0E-02		1	1
OW-3	T	3/1/2005	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	9/1/2005	VINYL CHLORIDE	3.7E-02		1	1
OW-3	T	3/1/2006	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	9/1/2006	VINYL CHLORIDE	3.3E-02		1	1
OW-3	T	3/1/2007	VINYL CHLORIDE	2.2E-03		1	1
OW-3	T	9/1/2007	VINYL CHLORIDE	3.8E-02		1	1
OW-3	T	3/1/2008	VINYL CHLORIDE	4.0E-02		1	1

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
OW-3	T	9/1/2008	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	3/1/2009	VINYL CHLORIDE	3.2E-03		1	1
OW-3	T	9/1/2009	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	3/1/2010	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	9/1/2010	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	3/1/2011	VINYL CHLORIDE	5.0E-04	ND	1	0
OW-3	T	9/1/2011	VINYL CHLORIDE	5.0E-04	ND	1	0

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

APPENDIX E-3

STATISTICAL TREND ANALYSIS - 1,4-DIOXANE

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Time Period: 5/5/2014 **to** 5/2/2016
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Well	Source/ Tail	Number of Samples	Number of Detects	Coefficient of Variation	Mann-Kendall Statistic	Confidence in Trend	All Samples "ND" ?	Concentration Trend
1,4-DIOXANE (P-DIOXANE)								
CW-4-Dike	T	5	5	0.17	4	75.8%	No	NT
M-4-150	T	5	5	0.05	4	75.8%	No	NT
MW-10	S	5	5	0.04	4	75.8%	No	NT
MW-11	T	5	5	0.06	-6	88.3%	No	S
MW-15	T	5	0	0.00	0	40.8%	Yes	ND
MW16S	T	5	5	0.16	4	75.8%	No	NT
MW-2	T	5	5	0.07	2	59.2%	No	NT
MW-20	T	5	5	0.05	4	75.8%	No	NT

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well: CW-4-Dike **Time Period:** 5/5/2014 **to** 5/2/2016

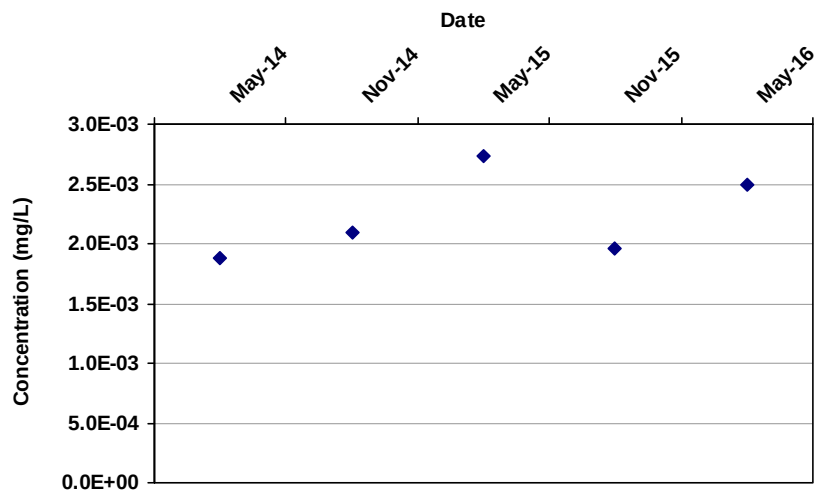
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,4-DIOXANE (P-DIOXANE) **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

4

Confidence in Trend:

75.8%

Coefficient of Variation:

0.17

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
CW-4-Dike	T	5/5/2014	1,4-DIOXANE (P-DIO	1.9E-03		1	1
CW-4-Dike	T	11/3/2014	1,4-DIOXANE (P-DIO	2.1E-03		2	2
CW-4-Dike	T	5/4/2015	1,4-DIOXANE (P-DIO	2.7E-03		1	1
CW-4-Dike	T	11/3/2015	1,4-DIOXANE (P-DIO	2.0E-03		1	1
CW-4-Dike	T	5/2/2016	1,4-DIOXANE (P-DIO	2.5E-03		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well: M-4-150 **Time Period:** 5/5/2014 **to** 5/2/2016

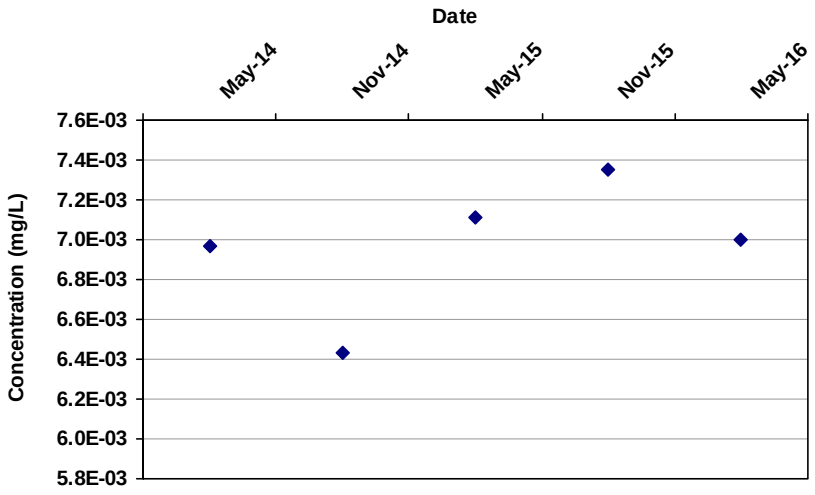
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,4-DIOXANE (P-DIOXANE) **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

4

Confidence in Trend:

75.8%

Coefficient of Variation:

0.05

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
M-4-150	T	5/5/2014	1,4-DIOXANE (P-DIO	7.0E-03		1	1
M-4-150	T	11/3/2014	1,4-DIOXANE (P-DIO	6.4E-03		1	1
M-4-150	T	5/4/2015	1,4-DIOXANE (P-DIO	7.1E-03		1	1
M-4-150	T	11/3/2015	1,4-DIOXANE (P-DIO	7.3E-03		1	1
M-4-150	T	5/2/2016	1,4-DIOXANE (P-DIO	7.0E-03		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well: MW-10 **Time Period:** 5/5/2014 **to** 5/2/2016

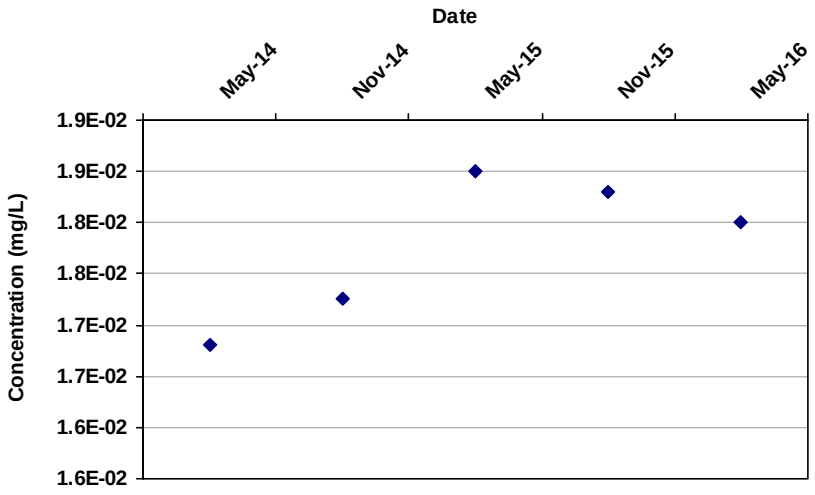
Well Type: S **Consolidation Period:** No Time Consolidation

COC: 1,4-DIOXANE (P-DIOXANE) **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

4

Confidence in Trend:

75.8%

Coefficient of Variation:

0.04

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-10	S	5/5/2014	1,4-DIOXANE (P-DIO	1.7E-02		1	1
MW-10	S	11/3/2014	1,4-DIOXANE (P-DIO	1.7E-02		2	2
MW-10	S	5/4/2015	1,4-DIOXANE (P-DIO	1.8E-02		2	2
MW-10	S	11/3/2015	1,4-DIOXANE (P-DIO	1.8E-02		1	1
MW-10	S	5/2/2016	1,4-DIOXANE (P-DIO	1.8E-02		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well: MW-11 **Time Period:** 5/5/2014 **to** 5/2/2016

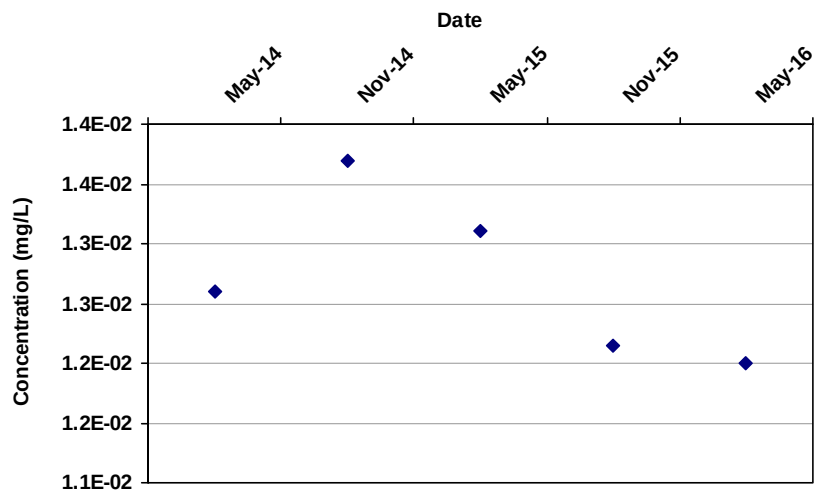
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,4-DIOXANE (P-DIOXANE) **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

-6

Confidence in Trend:

88.3%

Coefficient of Variation:

0.06

Mann Kendall Concentration Trend: (See Note)

S

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-11	T	5/5/2014	1,4-DIOXANE (P-DIO	1.3E-02		1	1
MW-11	T	11/3/2014	1,4-DIOXANE (P-DIO	1.4E-02		1	1
MW-11	T	5/4/2015	1,4-DIOXANE (P-DIO	1.3E-02		1	1
MW-11	T	11/3/2015	1,4-DIOXANE (P-DIO	1.2E-02		2	2
MW-11	T	5/2/2016	1,4-DIOXANE (P-DIO	1.2E-02		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well: MW-15 **Time Period:** 5/5/2014 **to** 5/2/2016

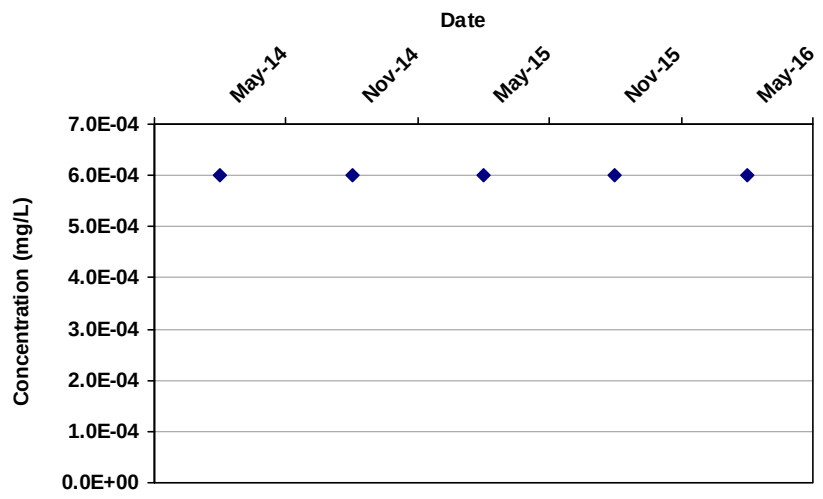
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,4-DIOXANE (P-DIOXANE) **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

0

Confidence in Trend:

40.8%

Coefficient of Variation:

0.00

Mann Kendall Concentration Trend: (See Note)

ND

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-15	T	5/5/2014	1,4-DIOXANE (P-DIO	6.0E-04	ND	1	0
MW-15	T	11/3/2014	1,4-DIOXANE (P-DIO	6.0E-04	ND	1	0
MW-15	T	5/4/2015	1,4-DIOXANE (P-DIO	6.0E-04	ND	1	0
MW-15	T	11/3/2015	1,4-DIOXANE (P-DIO	6.0E-04	ND	1	0
MW-15	T	5/2/2016	1,4-DIOXANE (P-DIO	6.0E-04	ND	1	0

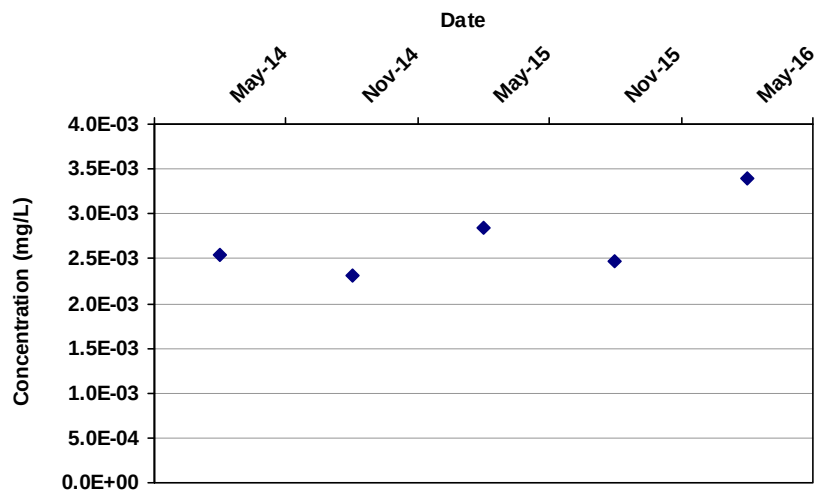
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well:	MW16S	**Time Period:**	5/5/2014 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	No Time Consolidation
COC:	1,4-DIOXANE (P-DIOXANE)	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

4

Confidence in Trend:

75.8%

Coefficient of Variation:

0.16

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW16S	T	5/5/2014	1,4-DIOXANE (P-DIO	2.6E-03		1	1
MW16S	T	11/3/2014	1,4-DIOXANE (P-DIO	2.3E-03		1	1
MW16S	T	5/4/2015	1,4-DIOXANE (P-DIO	2.8E-03		2	2
MW16S	T	11/3/2015	1,4-DIOXANE (P-DIO	2.5E-03		1	1
MW16S	T	5/2/2016	1,4-DIOXANE (P-DIO	3.4E-03		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well: MW-2 **Time Period:** 5/5/2014 **to** 5/2/2016

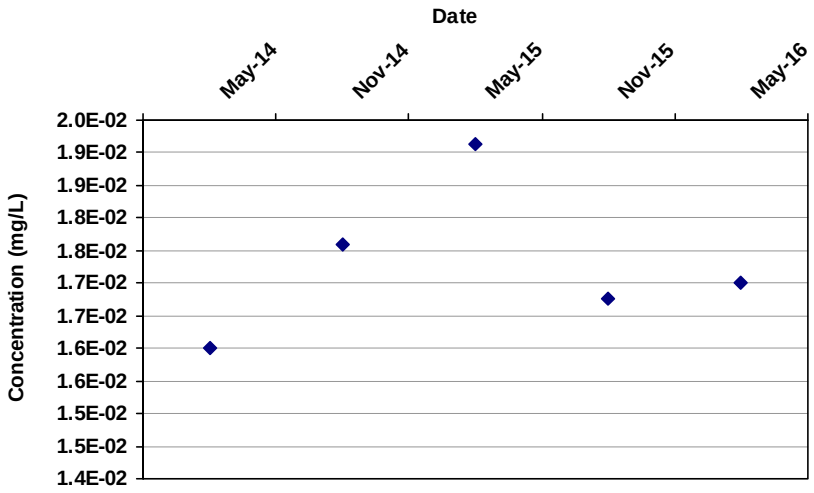
Well Type: T **Consolidation Period:** No Time Consolidation

COC: 1,4-DIOXANE (P-DIOXANE) **Duplicate Consolidation:** Median

Consolidation Type: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value



Mann Kendall S Statistic:

2

Confidence in Trend:

59.2%

Coefficient of Variation:

0.07

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-2	T	5/5/2014	1,4-DIOXANE (P-DIO	1.6E-02		2	2
MW-2	T	11/3/2014	1,4-DIOXANE (P-DIO	1.8E-02		1	1
MW-2	T	5/4/2015	1,4-DIOXANE (P-DIO	1.9E-02		3	3
MW-2	T	11/3/2015	1,4-DIOXANE (P-DIO	1.7E-02		2	2
MW-2	T	5/2/2016	1,4-DIOXANE (P-DIO	1.7E-02		2	2

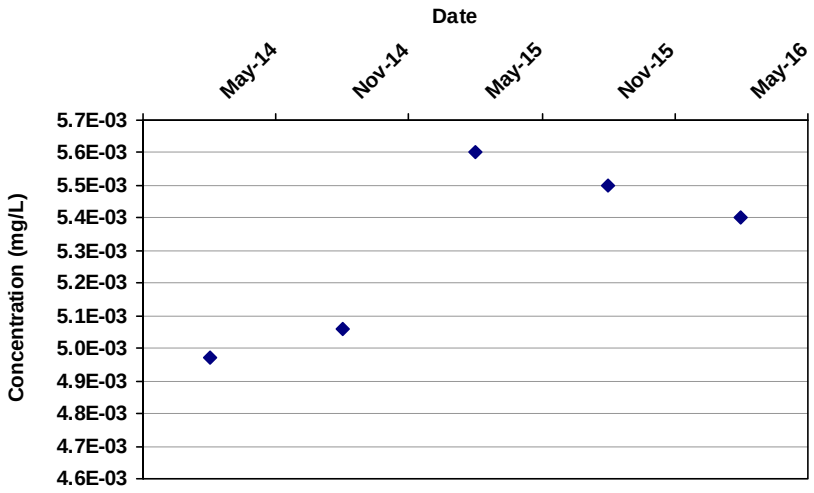
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

MAROS Mann-Kendall Statistics Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Well:	MW-20	**Time Period:**	5/5/2014 **to** 5/2/2016
Well Type:	T	**Consolidation Period:**	No Time Consolidation
COC:	1,4-DIOXANE (P-DIOXANE)	**Duplicate Consolidation:**	Median
		Consolidation Type:	Average
		ND Values:	1/2 Detection Limit
		J Flag Values :	Actual Value



Mann Kendall S Statistic:

4

Confidence in Trend:

75.8%

Coefficient of Variation:

0.05

Mann Kendall Concentration Trend: (See Note)

NT

Data Table:

Well	Well Type	Effective Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-20	T	5/5/2014	1,4-DIOXANE (P-DIO	5.0E-03		1	1
MW-20	T	11/3/2014	1,4-DIOXANE (P-DIO	5.1E-03		1	1
MW-20	T	5/4/2015	1,4-DIOXANE (P-DIO	5.6E-03		1	1
MW-20	T	11/3/2015	1,4-DIOXANE (P-DIO	5.5E-03		1	1
MW-20	T	5/2/2016	1,4-DIOXANE (P-DIO	5.4E-03		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect

APPENDIX F-1

MOMENT ANALYSIS - TCA AND DCE

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

	0th Moment	1st Moment (Center of Mass)			2nd Moment (Spread)		
Effective Date	**Estimated Mass (Kg)**	**Xc (ft)**	**Yc (ft)**	**Source Distance**	**Sigma XX (sq ft)**	**Sigma YY (sq ft)**	**Number of Wells**
1,1,1-TRICHLOROETHANE							
7/1/1993	5.1E+00	2,044,517	791,718	543	9,721	12,301	10
7/1/1994	3.3E+00	2,044,505	791,773	495	10,438	10,106	14
7/1/1995	3.7E+00	2,044,505	791,770	498	11,350	13,202	16
7/1/1996	2.9E+00	2,044,517	791,771	492	18,383	18,290	16
7/1/1997	2.2E+00	2,044,472	791,718	558	21,424	28,082	21
7/1/1998	2.2E+00	2,044,491	791,771	502	15,702	34,181	19
7/1/1999	2.8E+00	2,044,420	791,787	519	13,486	20,202	28
7/1/2000	2.1E+00	2,044,447	791,783	510	16,381	30,559	29
7/1/2001	2.0E+00	2,044,446	791,753	537	16,655	28,101	34
7/1/2002	2.5E+00	2,044,529	791,772	488	36,834	38,676	20
7/1/2003	1.7E+00	2,044,503	791,735	531	35,689	43,612	19
7/1/2004	1.9E+00	2,044,416	791,715	584	13,683	33,909	18
7/1/2005	1.5E+00	2,044,414	791,640	652	19,924	33,573	18
7/1/2006	2.2E+00	2,044,447	791,743	545	23,371	42,290	19
7/1/2007	1.4E+00	2,044,384	791,693	619	20,576	37,281	13
7/1/2008	1.1E+00	2,044,411	791,705	595	15,783	36,635	14
7/1/2009	1.3E+00	2,044,424	791,707	588	12,092	20,210	20
7/1/2010	1.2E+00	2,044,402	791,731	577	13,498	33,031	14
7/1/2011	1.3E+00	2,044,403	791,752	558	12,714	30,576	14
7/1/2012	6.4E-01	2,044,444	791,772	520	6,242	25,118	10
7/1/2013	5.7E-01	2,044,449	791,761	528	5,644	26,037	10
7/1/2014	5.5E-01	2,044,430	791,777	523	6,416	27,728	9
7/1/2015	6.5E-01	2,044,458	791,770	516	4,947	22,535	11
7/1/2016	5.6E-01	2,044,443	791,780	514	6,233	24,283	10
1,1-DICHLOROETHENE							
7/1/1993	8.4E+00	2,044,505	791,776	493	17,124	25,422	11
7/1/1994	8.4E+00	2,044,466	791,812	475	13,206	15,102	14
7/1/1995	9.8E+00	2,044,469	791,810	476	13,055	18,307	16
7/1/1996	7.2E+00	2,044,487	791,791	485	20,046	21,179	16
7/1/1997	3.7E+00	2,044,472	791,729	548	21,549	35,600	21
7/1/1998	4.0E+00	2,044,482	791,771	505	16,087	40,630	19
7/1/1999	4.6E+00	2,044,409	791,826	492	16,387	30,612	28

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

	0th Moment	1st Moment (Center of Mass)			2nd Moment (Spread)		
Effective Date	**Estimated Mass (Kg)**	**Xc (ft)**	**Yc (ft)**	**Source Distance**	**Sigma XX (sq ft)**	**Sigma YY (sq ft)**	**Number of Wells**
1,1-DICHLOROETHENE							
7/1/2000	4.2E+00	2,044,428	791,813	493	15,198	32,653	29
7/1/2001	4.3E+00	2,044,432	791,812	491	16,725	37,344	34
7/1/2002	5.4E+00	2,044,450	791,794	498	24,164	38,299	20
7/1/2003	5.4E+00	2,044,453	791,808	484	23,821	48,668	19
7/1/2004	3.8E+00	2,044,393	791,716	594	11,440	32,472	18
7/1/2005	4.4E+00	2,044,383	791,691	621	13,090	35,920	18
7/1/2006	6.1E+00	2,044,457	791,790	499	27,074	53,804	19
7/1/2007	4.4E+00	2,044,394	791,767	549	19,683	57,395	13
7/1/2008	3.7E+00	2,044,403	791,750	559	15,612	53,574	14
7/1/2009	4.0E+00	2,044,409	791,710	592	12,799	29,749	20
7/1/2010	4.0E+00	2,044,389	791,744	571	14,936	46,949	14
7/1/2011	3.2E+00	2,044,406	791,766	544	12,742	42,894	14
7/1/2012	2.0E+00	2,044,435	791,795	504	6,928	38,325	9
7/1/2013	4.5E+00	2,044,429	791,762	537	7,855	40,958	10
7/1/2014	5.1E+00	2,044,391	791,713	597	9,384	47,566	9
7/1/2015	4.5E+00	2,044,431	791,753	544	7,945	37,802	11
7/1/2016	3.9E+00	2,044,391	791,712	598	9,513	47,635	10

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Spatial Moment Analysis Summary:

Moment Type	Constituent	Coefficient of Variation	Mann-Kendall S Statistic	Confidence in Trend	Moment Trend
0th Moment	1,1,1-TRICHLOROETHANE	0.59	-230	100.0%	D
0th Moment	1,1-DICHLOROETHENE	0.37	-90	98.7%	D
First Moment	1,1,1-TRICHLOROETHANE	0.08	44	85.5%	NT
First Moment	1,1-DICHLOROETHENE	0.09	132	100.0%	I
Second Moment X	1,1,1-TRICHLOROETHANE	0.54	-74	96.5%	D
Second Moment X	1,1-DICHLOROETHENE	0.35	-112	99.7%	D
Second Moment Y	1,1,1-TRICHLOROETHANE	0.33	36	80.5%	NT
Second Moment Y	1,1-DICHLOROETHENE	0.29	128	99.9%	I

Note: The following assumptions were applied for the calculation of the Zeroth Moment:

Porosity: 0.15 **Saturated Thickness:** Uniform: 55 ft

Mann-Kendall Trend test performed on all sample events for each constituent. Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); (ND) Non Detect.

Note: The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

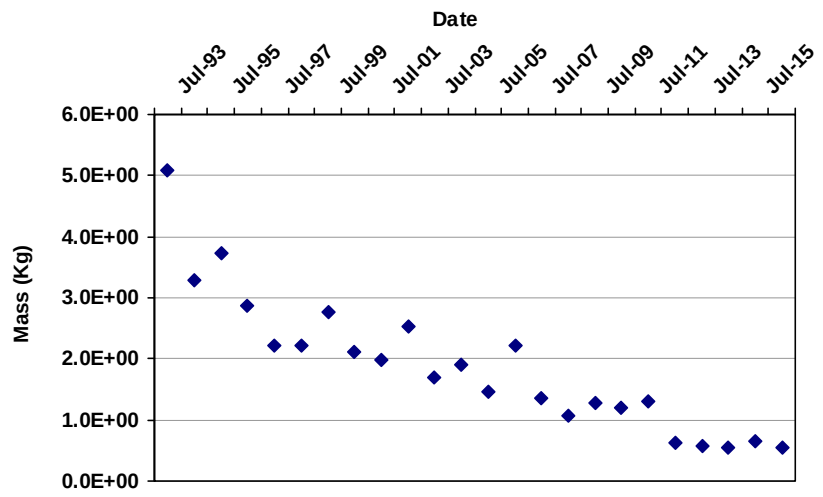
MAROS Zeroth Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Change in Dissolved Mass Over Time

COC: 1,1,1-TRICHLOROETHANE



Porosity: 0.15

Saturated Thickness:
Uniform: 55 ft

Mann-Kendall S Statistic:
-230

Confidence in Trend:
100.0%

Coefficient of Variation:
0.59

Zeroth Moment Trend:
D

Data Table:

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells
7/1/1993	1,1,1-TRICHLOROETHANE	5.1E+00	10
7/1/1994	1,1,1-TRICHLOROETHANE	3.3E+00	14
7/1/1995	1,1,1-TRICHLOROETHANE	3.7E+00	16
7/1/1996	1,1,1-TRICHLOROETHANE	2.9E+00	16
7/1/1997	1,1,1-TRICHLOROETHANE	2.2E+00	21
7/1/1998	1,1,1-TRICHLOROETHANE	2.2E+00	19
7/1/1999	1,1,1-TRICHLOROETHANE	2.8E+00	28
7/1/2000	1,1,1-TRICHLOROETHANE	2.1E+00	29
7/1/2001	1,1,1-TRICHLOROETHANE	2.0E+00	34
7/1/2002	1,1,1-TRICHLOROETHANE	2.5E+00	20
7/1/2003	1,1,1-TRICHLOROETHANE	1.7E+00	19
7/1/2004	1,1,1-TRICHLOROETHANE	1.9E+00	18
7/1/2005	1,1,1-TRICHLOROETHANE	1.5E+00	18
7/1/2006	1,1,1-TRICHLOROETHANE	2.2E+00	19
7/1/2007	1,1,1-TRICHLOROETHANE	1.4E+00	13
7/1/2008	1,1,1-TRICHLOROETHANE	1.1E+00	14
7/1/2009	1,1,1-TRICHLOROETHANE	1.3E+00	20

MAROS Zeroth Moment Analysis

Edward Weck, Inc. **User Name:**

Durham **State:** North Carolina

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells
7/1/2010	1,1,1-TRICHLOROETHANE	1.2E+00	14
7/1/2011	1,1,1-TRICHLOROETHANE	1.3E+00	14
7/1/2012	1,1,1-TRICHLOROETHANE	6.4E-01	10
7/1/2013	1,1,1-TRICHLOROETHANE	5.7E-01	10
7/1/2014	1,1,1-TRICHLOROETHANE	5.5E-01	9
7/1/2015	1,1,1-TRICHLOROETHANE	6.5E-01	11
7/1/2016	1,1,1-TRICHLOROETHANE	5.6E-01	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect. Moments are not calculated for sample events with less than 6 wells.

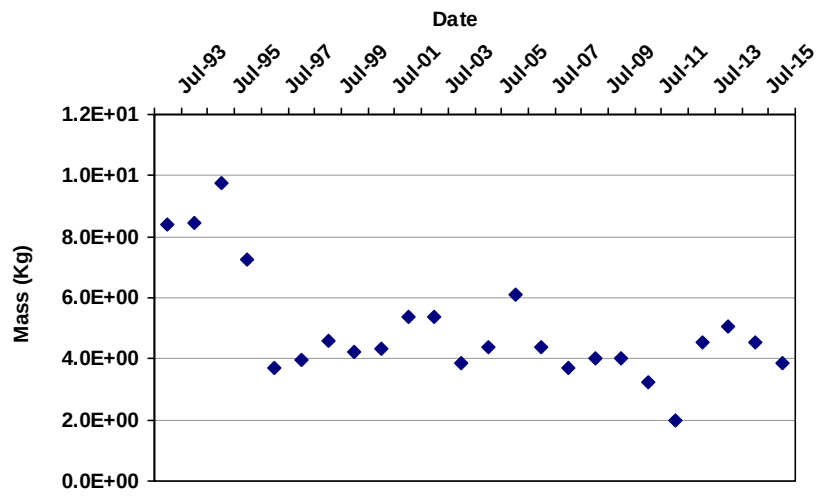
MAROS Zeroth Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Change in Dissolved Mass Over Time

COC: 1,1-DICHLOROETHENE



Porosity: 0.15

Saturated Thickness:

Uniform: 55 ft

Mann-Kendall S Statistic:

-90

Confidence in Trend:

98.7%

Coefficient of Variation:

0.37

Zeroth Moment Trend:

D

Data Table:

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells
7/1/1993	1,1-DICHLOROETHENE	8.4E+00	11
7/1/1994	1,1-DICHLOROETHENE	8.4E+00	14
7/1/1995	1,1-DICHLOROETHENE	9.8E+00	16
7/1/1996	1,1-DICHLOROETHENE	7.2E+00	16
7/1/1997	1,1-DICHLOROETHENE	3.7E+00	21
7/1/1998	1,1-DICHLOROETHENE	4.0E+00	19
7/1/1999	1,1-DICHLOROETHENE	4.6E+00	28
7/1/2000	1,1-DICHLOROETHENE	4.2E+00	29
7/1/2001	1,1-DICHLOROETHENE	4.3E+00	34
7/1/2002	1,1-DICHLOROETHENE	5.4E+00	20
7/1/2003	1,1-DICHLOROETHENE	5.4E+00	19
7/1/2004	1,1-DICHLOROETHENE	3.8E+00	18
7/1/2005	1,1-DICHLOROETHENE	4.4E+00	18
7/1/2006	1,1-DICHLOROETHENE	6.1E+00	19
7/1/2007	1,1-DICHLOROETHENE	4.4E+00	13
7/1/2008	1,1-DICHLOROETHENE	3.7E+00	14
7/1/2009	1,1-DICHLOROETHENE	4.0E+00	20

MAROS Zeroth Moment Analysis

Edward Weck, Inc. **User Name:**

Durham **State:** North Carolina

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells
7/1/2010	1,1-DICHLOROETHENE	4.0E+00	14
7/1/2011	1,1-DICHLOROETHENE	3.2E+00	14
7/1/2012	1,1-DICHLOROETHENE	2.0E+00	9
7/1/2013	1,1-DICHLOROETHENE	4.5E+00	10
7/1/2014	1,1-DICHLOROETHENE	5.1E+00	9
7/1/2015	1,1-DICHLOROETHENE	4.5E+00	11
7/1/2016	1,1-DICHLOROETHENE	3.9E+00	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect. Moments are not calculated for sample events with less than 6 wells.

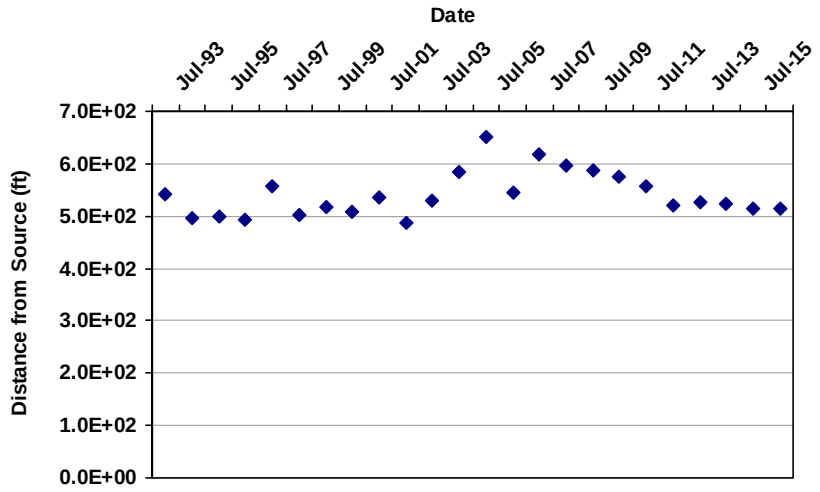
MAROS First Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

COC: 1,1,1-TRICHLOROETHANE

Distance from Source to Center of Mass



Mann-Kendall S Statistic:
44

Confidence in Trend:
85.5%

Coefficient of Variation:
0.08

First Moment Trend:
NT

DATA TABLE

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
7/1/1993	1,1,1-TRICHLOROETHANE	2,044,517	791,718	543	10
7/1/1994	1,1,1-TRICHLOROETHANE	2,044,505	791,773	495	14
7/1/1995	1,1,1-TRICHLOROETHANE	2,044,505	791,770	498	16
7/1/1996	1,1,1-TRICHLOROETHANE	2,044,517	791,771	492	16
7/1/1997	1,1,1-TRICHLOROETHANE	2,044,472	791,718	558	21
7/1/1998	1,1,1-TRICHLOROETHANE	2,044,491	791,771	502	19
7/1/1999	1,1,1-TRICHLOROETHANE	2,044,420	791,787	519	28
7/1/2000	1,1,1-TRICHLOROETHANE	2,044,447	791,783	510	29
7/1/2001	1,1,1-TRICHLOROETHANE	2,044,446	791,753	537	34
7/1/2002	1,1,1-TRICHLOROETHANE	2,044,529	791,772	488	20
7/1/2003	1,1,1-TRICHLOROETHANE	2,044,503	791,735	531	19
7/1/2004	1,1,1-TRICHLOROETHANE	2,044,416	791,715	584	18

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

MAROS COC Assessment

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
7/1/2005	1,1,1-TRICHLOROETHANE	2,044,414	791,640	652	18
7/1/2006	1,1,1-TRICHLOROETHANE	2,044,447	791,743	545	19
7/1/2007	1,1,1-TRICHLOROETHANE	2,044,384	791,693	619	13
7/1/2008	1,1,1-TRICHLOROETHANE	2,044,411	791,705	595	14
7/1/2009	1,1,1-TRICHLOROETHANE	2,044,424	791,707	588	20
7/1/2010	1,1,1-TRICHLOROETHANE	2,044,402	791,731	577	14
7/1/2011	1,1,1-TRICHLOROETHANE	2,044,403	791,752	558	14
7/1/2012	1,1,1-TRICHLOROETHANE	2,044,444	791,772	520	10
7/1/2013	1,1,1-TRICHLOROETHANE	2,044,449	791,761	528	10
7/1/2014	1,1,1-TRICHLOROETHANE	2,044,430	791,777	523	9
7/1/2015	1,1,1-TRICHLOROETHANE	2,044,458	791,770	516	11
7/1/2016	1,1,1-TRICHLOROETHANE	2,044,443	791,780	514	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

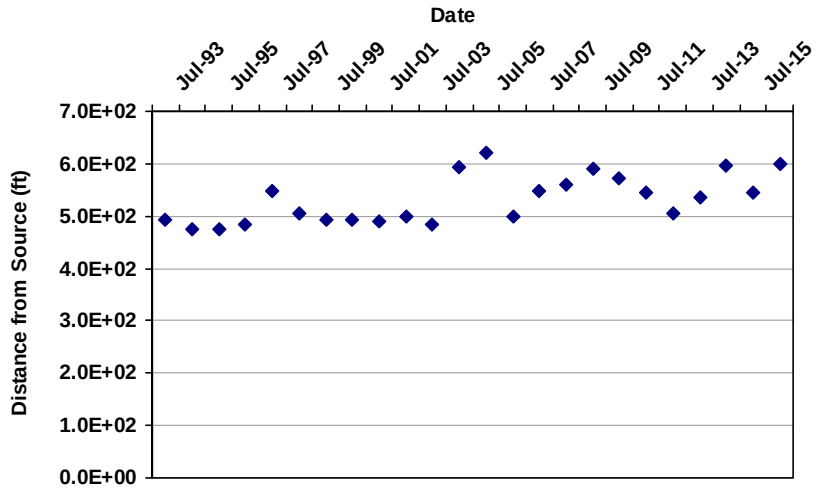
MAROS First Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

COC: 1,1-DICHLOROETHENE

Distance from Source to Center of Mass



Mann-Kendall S Statistic:
132

Confidence in Trend:
100.0%

Coefficient of Variation:
0.09

First Moment Trend:
I

DATA TABLE

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
7/1/1993	1,1-DICHLOROETHENE	2,044,505	791,776	493	11
7/1/1994	1,1-DICHLOROETHENE	2,044,466	791,812	475	14
7/1/1995	1,1-DICHLOROETHENE	2,044,469	791,810	476	16
7/1/1996	1,1-DICHLOROETHENE	2,044,487	791,791	485	16
7/1/1997	1,1-DICHLOROETHENE	2,044,472	791,729	548	21
7/1/1998	1,1-DICHLOROETHENE	2,044,482	791,771	505	19
7/1/1999	1,1-DICHLOROETHENE	2,044,409	791,826	492	28
7/1/2000	1,1-DICHLOROETHENE	2,044,428	791,813	493	29
7/1/2001	1,1-DICHLOROETHENE	2,044,432	791,812	491	34
7/1/2002	1,1-DICHLOROETHENE	2,044,450	791,794	498	20
7/1/2003	1,1-DICHLOROETHENE	2,044,453	791,808	484	19
7/1/2004	1,1-DICHLOROETHENE	2,044,393	791,716	594	18

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

MAROS COC Assessment

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
7/1/2005	1,1-DICHLOROETHENE	2,044,383	791,691	621	18
7/1/2006	1,1-DICHLOROETHENE	2,044,457	791,790	499	19
7/1/2007	1,1-DICHLOROETHENE	2,044,394	791,767	549	13
7/1/2008	1,1-DICHLOROETHENE	2,044,403	791,750	559	14
7/1/2009	1,1-DICHLOROETHENE	2,044,409	791,710	592	20
7/1/2010	1,1-DICHLOROETHENE	2,044,389	791,744	571	14
7/1/2011	1,1-DICHLOROETHENE	2,044,406	791,766	544	14
7/1/2012	1,1-DICHLOROETHENE	2,044,435	791,795	504	9
7/1/2013	1,1-DICHLOROETHENE	2,044,429	791,762	537	10
7/1/2014	1,1-DICHLOROETHENE	2,044,391	791,713	597	9
7/1/2015	1,1-DICHLOROETHENE	2,044,431	791,753	544	11
7/1/2016	1,1-DICHLOROETHENE	2,044,391	791,712	598	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

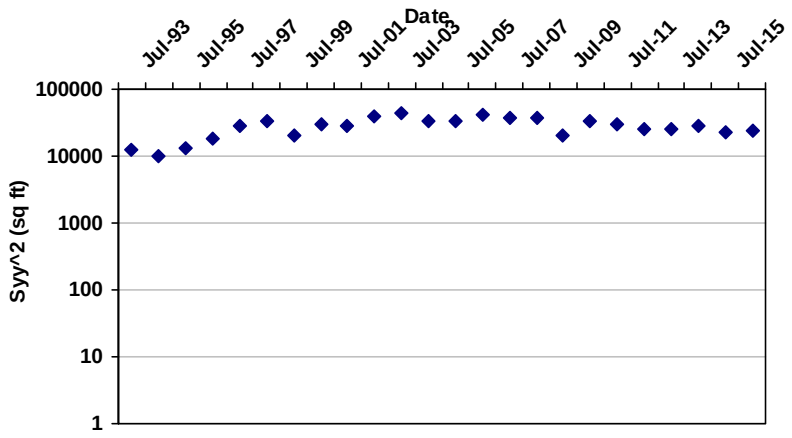
MAROS Second Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Change in Plume Spread Over Time

COC: 1,1,1-TRICHLOROETHANE



Mann-Kendall S Statistic:

36

Confidence in Trend:

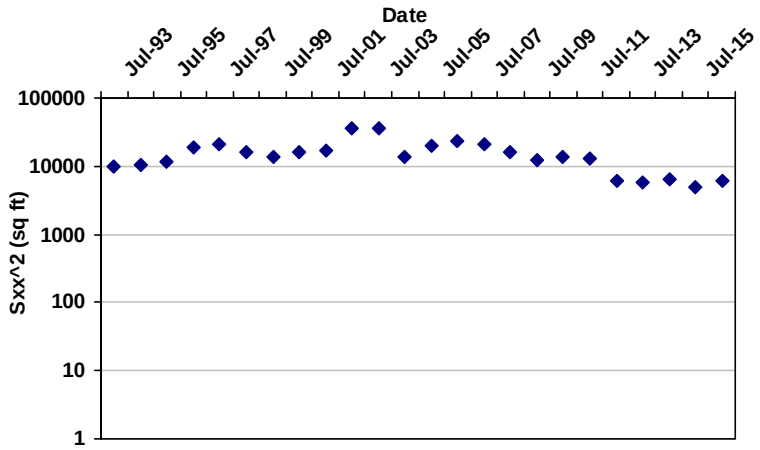
80.5%

Coefficient of Variation:

0.33

Second Moment Trend:

NT



Mann-Kendall S Statistic:

-74

Confidence in Trend:

96.5%

Coefficient of Variation:

0.54

Second Moment Trend:

D

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
7/1/1993	1,1,1-TRICHLOROETHANE	9,721	12,301	10
7/1/1994	1,1,1-TRICHLOROETHANE	10,438	10,106	14
7/1/1995	1,1,1-TRICHLOROETHANE	11,350	13,202	16
7/1/1996	1,1,1-TRICHLOROETHANE	18,383	18,290	16

MAROS Second Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
7/1/1997	1,1,1-TRICHLOROETHANE	21,424	28,082	21
7/1/1998	1,1,1-TRICHLOROETHANE	15,702	34,181	19
7/1/1999	1,1,1-TRICHLOROETHANE	13,486	20,202	28
7/1/2000	1,1,1-TRICHLOROETHANE	16,381	30,559	29
7/1/2001	1,1,1-TRICHLOROETHANE	16,655	28,101	34
7/1/2002	1,1,1-TRICHLOROETHANE	36,834	38,676	20
7/1/2003	1,1,1-TRICHLOROETHANE	35,689	43,612	19
7/1/2004	1,1,1-TRICHLOROETHANE	13,683	33,909	18
7/1/2005	1,1,1-TRICHLOROETHANE	19,924	33,573	18
7/1/2006	1,1,1-TRICHLOROETHANE	23,371	42,290	19
7/1/2007	1,1,1-TRICHLOROETHANE	20,576	37,281	13
7/1/2008	1,1,1-TRICHLOROETHANE	15,783	36,635	14
7/1/2009	1,1,1-TRICHLOROETHANE	12,092	20,210	20
7/1/2010	1,1,1-TRICHLOROETHANE	13,498	33,031	14
7/1/2011	1,1,1-TRICHLOROETHANE	12,714	30,576	14
7/1/2012	1,1,1-TRICHLOROETHANE	6,242	25,118	10
7/1/2013	1,1,1-TRICHLOROETHANE	5,644	26,037	10
7/1/2014	1,1,1-TRICHLOROETHANE	6,416	27,728	9
7/1/2015	1,1,1-TRICHLOROETHANE	4,947	22,535	11
7/1/2016	1,1,1-TRICHLOROETHANE	6,233	24,283	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events)

The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

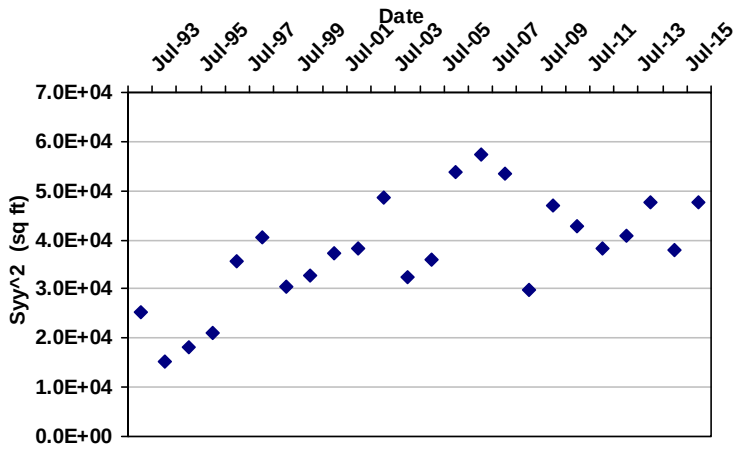
MAROS Second Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Change in Plume Spread Over Time

COC: 1,1-DICHLOROETHENE



Mann-Kendall S Statistic:

128

Confidence in Trend:

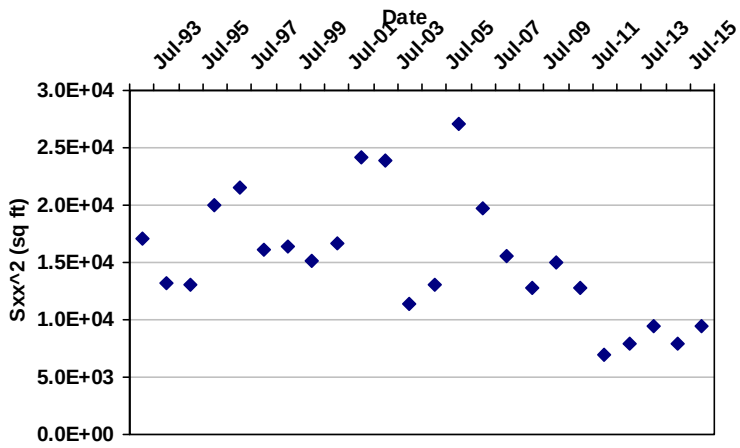
99.9%

Coefficient of Variation:

0.29

Second Moment Trend:

I



Mann-Kendall S Statistic:

-112

Confidence in Trend:

99.7%

Coefficient of Variation:

0.35

Second Moment Trend:

D

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
7/1/1993	1,1-DICHLOROETHENE	17,124	25,422	11
7/1/1994	1,1-DICHLOROETHENE	13,206	15,102	14
7/1/1995	1,1-DICHLOROETHENE	13,055	18,307	16
7/1/1996	1,1-DICHLOROETHENE	20,046	21,179	16

MAROS Second Moment Analysis

Project: Edward Weck, Inc. **User Name:**

Location: Durham **State:** North Carolina

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
7/1/1997	1,1-DICHLOROETHENE	21,549	35,600	21
7/1/1998	1,1-DICHLOROETHENE	16,087	40,630	19
7/1/1999	1,1-DICHLOROETHENE	16,387	30,612	28
7/1/2000	1,1-DICHLOROETHENE	15,198	32,653	29
7/1/2001	1,1-DICHLOROETHENE	16,725	37,344	34
7/1/2002	1,1-DICHLOROETHENE	24,164	38,299	20
7/1/2003	1,1-DICHLOROETHENE	23,821	48,668	19
7/1/2004	1,1-DICHLOROETHENE	11,440	32,472	18
7/1/2005	1,1-DICHLOROETHENE	13,090	35,920	18
7/1/2006	1,1-DICHLOROETHENE	27,074	53,804	19
7/1/2007	1,1-DICHLOROETHENE	19,683	57,395	13
7/1/2008	1,1-DICHLOROETHENE	15,612	53,574	14
7/1/2009	1,1-DICHLOROETHENE	12,799	29,749	20
7/1/2010	1,1-DICHLOROETHENE	14,936	46,949	14
7/1/2011	1,1-DICHLOROETHENE	12,742	42,894	14
7/1/2012	1,1-DICHLOROETHENE	6,928	38,325	9
7/1/2013	1,1-DICHLOROETHENE	7,855	40,958	10
7/1/2014	1,1-DICHLOROETHENE	9,384	47,566	9
7/1/2015	1,1-DICHLOROETHENE	7,945	37,802	11
7/1/2016	1,1-DICHLOROETHENE	9,513	47,635	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events)

The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

APPENDIX F-2

MOMENT ANALYSIS - VINYL CHLORIDE

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

	0th Moment	1st Moment (Center of Mass)			2nd Moment (Spread)		
Effective Date	**Estimated Mass (Kg)**	**Xc (ft)**	**Yc (ft)**	**Source Distance**	**Sigma XX (sq ft)**	**Sigma YY (sq ft)**	**Number of Wells**
VINYL CHLORIDE							
7/1/2001	2.2E-01	2,044,444	791,213	756	40,773	367,962	32
7/1/2002	2.0E-01	2,044,397	791,160	796	23,991	326,516	17
7/1/2003	1.7E-01	2,044,328	791,209	736	16,579	331,391	14
7/1/2004	5.3E-02	2,044,276	791,720	223	13,032	16,936	11
7/1/2005	1.5E-01	2,044,301	791,093	849	8,715	275,807	13
7/1/2006	1.7E-01	2,044,337	791,227	719	16,112	344,088	14
7/1/2007	9.1E-02	2,044,368	791,826	176	25,765	34,062	11
7/1/2008	9.9E-02	2,044,390	791,858	177	24,403	34,159	12
7/1/2009	6.6E-02	2,044,383	791,834	183	26,513	44,924	18
7/1/2010	8.7E-02	2,044,403	791,852	191	24,752	36,902	12
7/1/2011	1.3E-01	2,044,469	791,917	237	23,087	36,532	13
7/1/2012	1.1E-01	2,044,497	792,011	274	7,198	12,470	8
7/1/2013	1.1E-01	2,044,500	792,020	278	7,454	11,713	8
7/1/2014	1.1E-01	2,044,485	792,003	259	7,850	12,761	7
7/1/2015	9.4E-02	2,044,480	792,006	256	8,566	11,638	9
7/1/2016	1.2E-01	2,044,457	791,951	225	8,099	19,902	10

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

Spatial Moment Analysis Summary:

Moment Type	Constituent	Coefficient of Variation	Mann-Kendall S Statistic	Confidence in Trend	Moment Trend
0th Moment	VINYL CHLORIDE	0.38	-30	90.3%	PD
First Moment	VINYL CHLORIDE	0.67	-26	86.7%	S
Second Moment X	VINYL CHLORIDE	0.55	-44	97.4%	D
Second Moment Y	VINYL CHLORIDE	1.23	-70	99.9%	D

Note: The following assumptions were applied for the calculation of the Zeroth Moment:

Porosity: 0.15 **Saturated Thickness:** Uniform: 55 ft

Mann-Kendall Trend test performed on all sample events for each constituent. Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); (ND) Non Detect.

Note: The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

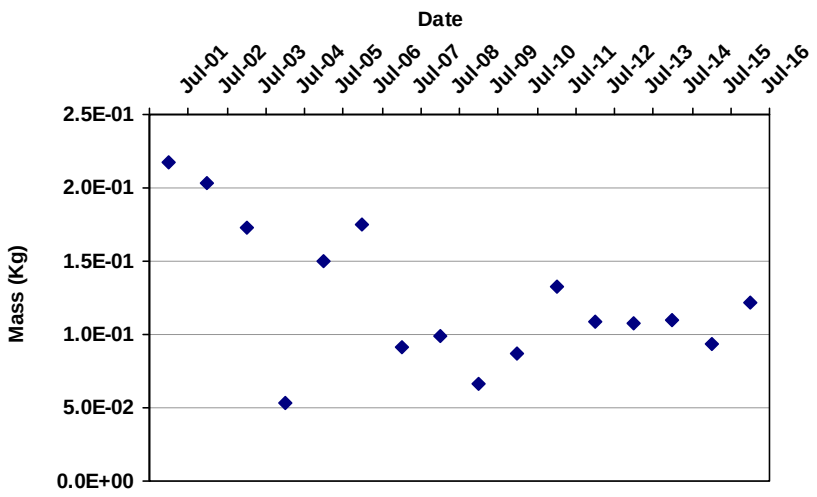
MAROS Zeroth Moment Analysis

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

Change in Dissolved Mass Over Time

COC: VINYL CHLORIDE



Porosity: 0.15

Saturated Thickness:

Uniform: 55 ft

Mann-Kendall S Statistic:

-30

Confidence in Trend:

90.3%

Coefficient of Variation:

0.38

Zeroth Moment Trend:

PD

Data Table:

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells
7/1/2001	VINYL CHLORIDE	2.2E-01	32
7/1/2002	VINYL CHLORIDE	2.0E-01	17
7/1/2003	VINYL CHLORIDE	1.7E-01	14
7/1/2004	VINYL CHLORIDE	5.3E-02	11
7/1/2005	VINYL CHLORIDE	1.5E-01	13
7/1/2006	VINYL CHLORIDE	1.7E-01	14
7/1/2007	VINYL CHLORIDE	9.1E-02	11
7/1/2008	VINYL CHLORIDE	9.9E-02	12
7/1/2009	VINYL CHLORIDE	6.6E-02	18
7/1/2010	VINYL CHLORIDE	8.7E-02	12
7/1/2011	VINYL CHLORIDE	1.3E-01	13
7/1/2012	VINYL CHLORIDE	1.1E-01	8
7/1/2013	VINYL CHLORIDE	1.1E-01	8
7/1/2014	VINYL CHLORIDE	1.1E-01	7
7/1/2015	VINYL CHLORIDE	9.4E-02	9
7/1/2016	VINYL CHLORIDE	1.2E-01	10

MAROS Zeroth Moment Analysis

Edward Weck, Inc.		**User Name:**	Aquafusion Environmental Service
Durham		**State:**	North Carolina

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect. Moments are not calculated for sample events with less than 6 wells.

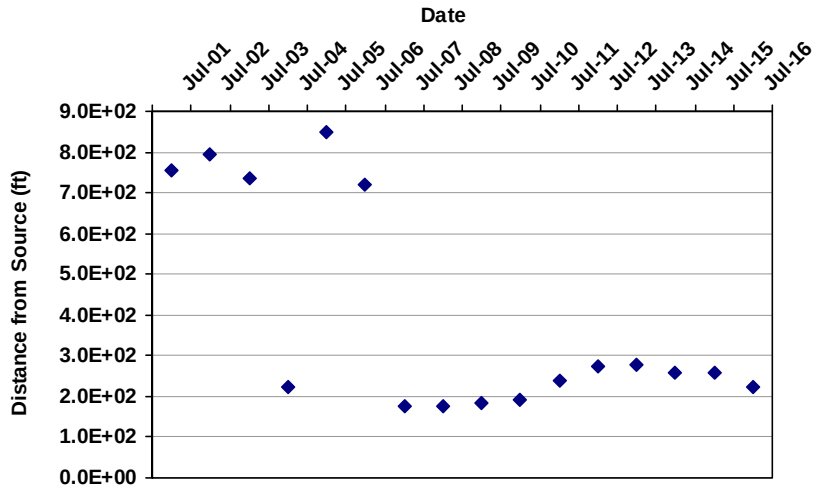
MAROS First Moment Analysis

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

COC: VINYL CHLORIDE

Distance from Source to Center of Mass



Mann-Kendall S Statistic:
-26

Confidence in Trend:
86.7%

Coefficient of Variation:
0.67

First Moment Trend:
S

DATA TABLE

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
7/1/2001	VINYL CHLORIDE	2,044,444	791,213	756	32
7/1/2002	VINYL CHLORIDE	2,044,397	791,160	796	17
7/1/2003	VINYL CHLORIDE	2,044,328	791,209	736	14
7/1/2004	VINYL CHLORIDE	2,044,276	791,720	223	11
7/1/2005	VINYL CHLORIDE	2,044,301	791,093	849	13
7/1/2006	VINYL CHLORIDE	2,044,337	791,227	719	14
7/1/2007	VINYL CHLORIDE	2,044,368	791,826	176	11
7/1/2008	VINYL CHLORIDE	2,044,390	791,858	177	12
7/1/2009	VINYL CHLORIDE	2,044,383	791,834	183	18
7/1/2010	VINYL CHLORIDE	2,044,403	791,852	191	12
7/1/2011	VINYL CHLORIDE	2,044,469	791,917	237	13
7/1/2012	VINYL CHLORIDE	2,044,497	792,011	274	8

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

MAROS COC Assessment

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
7/1/2013	VINYL CHLORIDE	2,044,500	792,020	278	8
7/1/2014	VINYL CHLORIDE	2,044,485	792,003	259	7
7/1/2015	VINYL CHLORIDE	2,044,480	792,006	256	9
7/1/2016	VINYL CHLORIDE	2,044,457	791,951	225	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

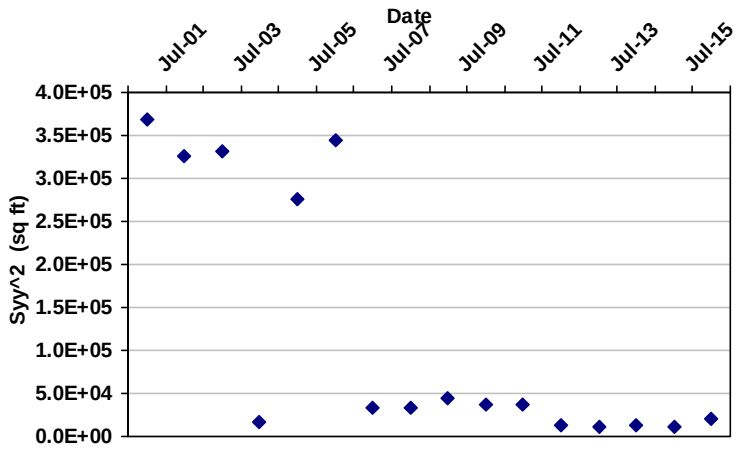
MAROS Second Moment Analysis

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

Change in Plume Spread Over Time

COC: VINYL CHLORIDE



Mann-Kendall S Statistic:

-70

Confidence in Trend:

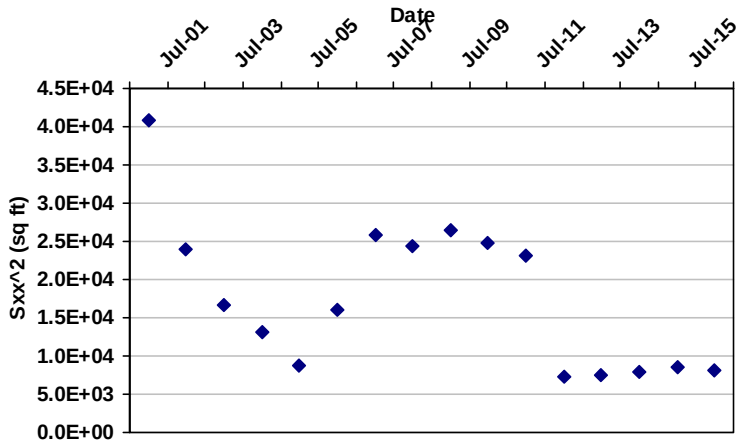
99.9%

Coefficient of Variation:

1.23

Second Moment Trend:

D



Mann-Kendall S Statistic:

-44

Confidence in Trend:

97.4%

Coefficient of Variation:

0.55

Second Moment Trend:

D

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
7/1/2001	VINYL CHLORIDE	40,773	367,962	32
7/1/2002	VINYL CHLORIDE	23,991	326,516	17
7/1/2003	VINYL CHLORIDE	16,579	331,391	14
7/1/2004	VINYL CHLORIDE	13,032	16,936	11

MAROS Second Moment Analysis

Project: Edward Weck, Inc. **User Name:** Aquafusion Environmental Service

Location: Durham **State:** North Carolina

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
7/1/2005	VINYL CHLORIDE	8,715	275,807	13
7/1/2006	VINYL CHLORIDE	16,112	344,088	14
7/1/2007	VINYL CHLORIDE	25,765	34,062	11
7/1/2008	VINYL CHLORIDE	24,403	34,159	12
7/1/2009	VINYL CHLORIDE	26,513	44,924	18
7/1/2010	VINYL CHLORIDE	24,752	36,902	12
7/1/2011	VINYL CHLORIDE	23,087	36,532	13
7/1/2012	VINYL CHLORIDE	7,198	12,470	8
7/1/2013	VINYL CHLORIDE	7,454	11,713	8
7/1/2014	VINYL CHLORIDE	7,850	12,761	7
7/1/2015	VINYL CHLORIDE	8,566	11,638	9
7/1/2016	VINYL CHLORIDE	8,099	19,902	10

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events)

The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

APPENDIX F-3

MOMENT ANALYSIS - 1,4-DIOXANE

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

	0th Moment	1st Moment (Center of Mass)			2nd Moment (Spread)		
Effective Date	**Estimated Mass (Kg)**	**Xc (ft)**	**Yc (ft)**	**Source Distance**	**Sigma XX (sq ft)**	**Sigma YY (sq ft)**	**Number of Wells**
1,4-DIOXANE (P-DIOXANE)							
5/5/2014	6.1E-01	2,044,431	791,806	497	12,431	55,626	8
11/3/2014	6.3E-01	2,044,434	791,812	490	12,260	54,624	8
5/4/2015	6.9E-01	2,044,428	791,799	505	12,638	56,793	8
11/3/2015	6.3E-01	2,044,433	791,808	495	12,454	55,666	8
5/2/2016	6.7E-01	2,044,424	791,793	512	12,789	57,704	8

MAROS Spatial Moment Analysis Summary

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Spatial Moment Analysis Summary:

Moment Type	Constituent	Coefficient of Variation	Mann-Kendall S Statistic	Confidence in Trend	Moment Trend
0th Moment	1,4-DIOXANE (P-DIOXANE)	0.05	6	88.3%	NT
First Moment	1,4-DIOXANE (P-DIOXANE)	0.02	4	75.8%	NT
Second Moment X	1,4-DIOXANE (P-DIOXANE)	0.02	6	88.3%	NT
Second Moment Y	1,4-DIOXANE (P-DIOXANE)	0.02	6	88.3%	NT

Note: The following assumptions were applied for the calculation of the Zeroth Moment:

Porosity: 0.15 **Saturated Thickness:** Uniform: 70 ft

Mann-Kendall Trend test performed on all sample events for each constituent. Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); (ND) Non Detect.

Note: The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

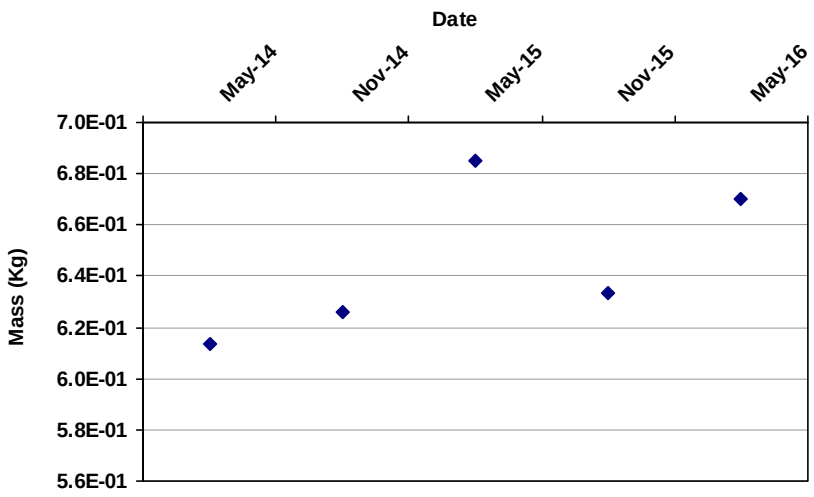
MAROS Zeroth Moment Analysis

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Change in Dissolved Mass Over Time

COC: 1,4-DIOXANE (P-DIOXANE)



Porosity: 0.15

Saturated Thickness:
Uniform: 70 ft

Mann-Kendall S Statistic:
6

Confidence in Trend:
88.3%

Coefficient of Variation:
0.05

Zeroth Moment Trend:
NT

Data Table:

Effective Date	Constituent	Estimated Mass (Kg)	Number of Wells
5/5/2014	1,4-DIOXANE (P-DIOXANE)	6.1E-01	8
11/3/2014	1,4-DIOXANE (P-DIOXANE)	6.3E-01	8
5/4/2015	1,4-DIOXANE (P-DIOXANE)	6.9E-01	8
11/3/2015	1,4-DIOXANE (P-DIOXANE)	6.3E-01	8
5/2/2016	1,4-DIOXANE (P-DIOXANE)	6.7E-01	8

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = Non-detect. Moments are not calculated for sample events with less than 6 wells.

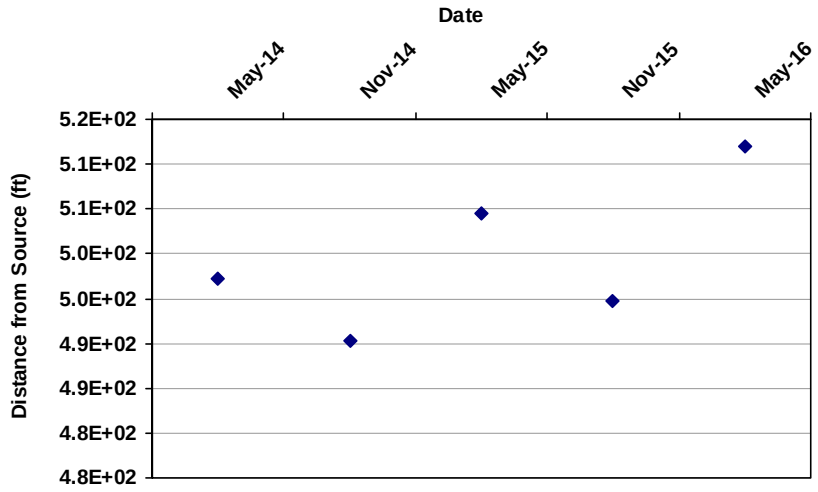
MAROS First Moment Analysis

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

COC: 1,4-DIOXANE (P-DIOXANE)

Distance from Source to Center of Mass



Mann-Kendall S Statistic:
4

Confidence in Trend:
75.8%

Coefficient of Variation:
0.02

First Moment Trend:
NT

DATA TABLE

Effective Date	Constituent	Xc (ft)	Yc (ft)	Distance from Source	Number of Wells
5/5/2014	1,4-DIOXANE (P-DIOXANE)	2,044,431	791,806	497	8
11/3/2014	1,4-DIOXANE (P-DIOXANE)	2,044,434	791,812	490	8
5/4/2015	1,4-DIOXANE (P-DIOXANE)	2,044,428	791,799	505	8
11/3/2015	1,4-DIOXANE (P-DIOXANE)	2,044,433	791,808	495	8
5/2/2016	1,4-DIOXANE (P-DIOXANE)	2,044,424	791,793	512	8

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events). Moments are not calculated for sample events with less than 6 wells.

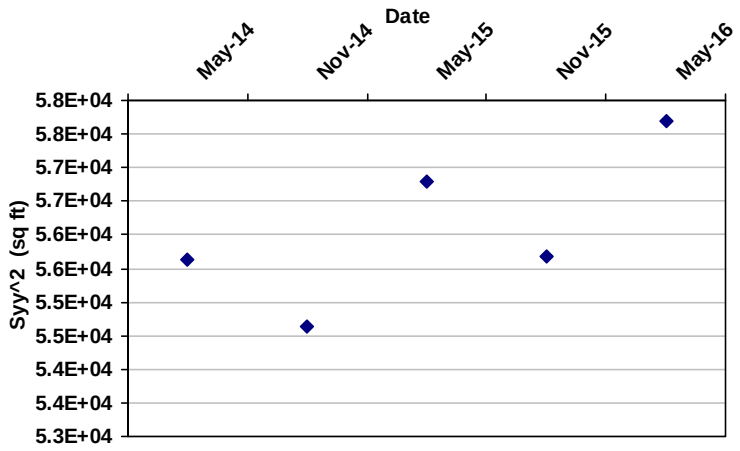
MAROS Second Moment Analysis

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Change in Plume Spread Over Time

COC: 1,4-DIOXANE (P-DIOXANE)



Mann-Kendall S Statistic:

6

Confidence in Trend:

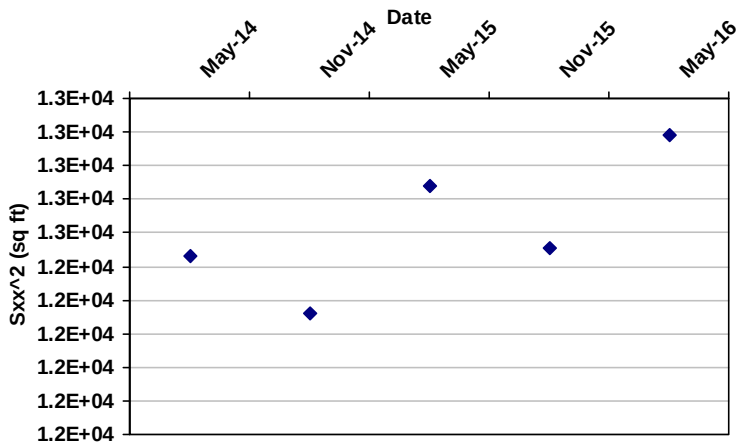
88.3%

Coefficient of Variation:

0.02

Second Moment Trend:

NT



Mann-Kendall S Statistic:

6

Confidence in Trend:

88.3%

Coefficient of Variation:

0.02

Second Moment Trend:

NT

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
5/5/2014	1,4-DIOXANE (P-DIOXAN	12,431	55,626	8
11/3/2014	1,4-DIOXANE (P-DIOXAN	12,260	54,624	8
5/4/2015	1,4-DIOXANE (P-DIOXAN	12,638	56,793	8
11/3/2015	1,4-DIOXANE (P-DIOXAN	12,454	55,666	8

MAROS Second Moment Analysis

Project: Edward Weck, Inc **User Name:**

Location: Durham **State:** North Carolina

Data Table:

Effective Date	Constituent	Sigma XX (sq ft)	Sigma YY (sq ft)	Number of Wells
5/2/2016	1,4-DIOXANE (P-DIOXAN	12,789	57,704	8

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events)

The Sigma XX and Sigma YY components are estimated using the given field coordinate system and then rotated to align with the estimated groundwater flow direction. Moments are not calculated for sample events with less than 6 wells.

APPENDIX G

ESTIMATE OF REMEDIATION TIME

Table G1. Summary of Predicted Time to Meet Remdiation Goals

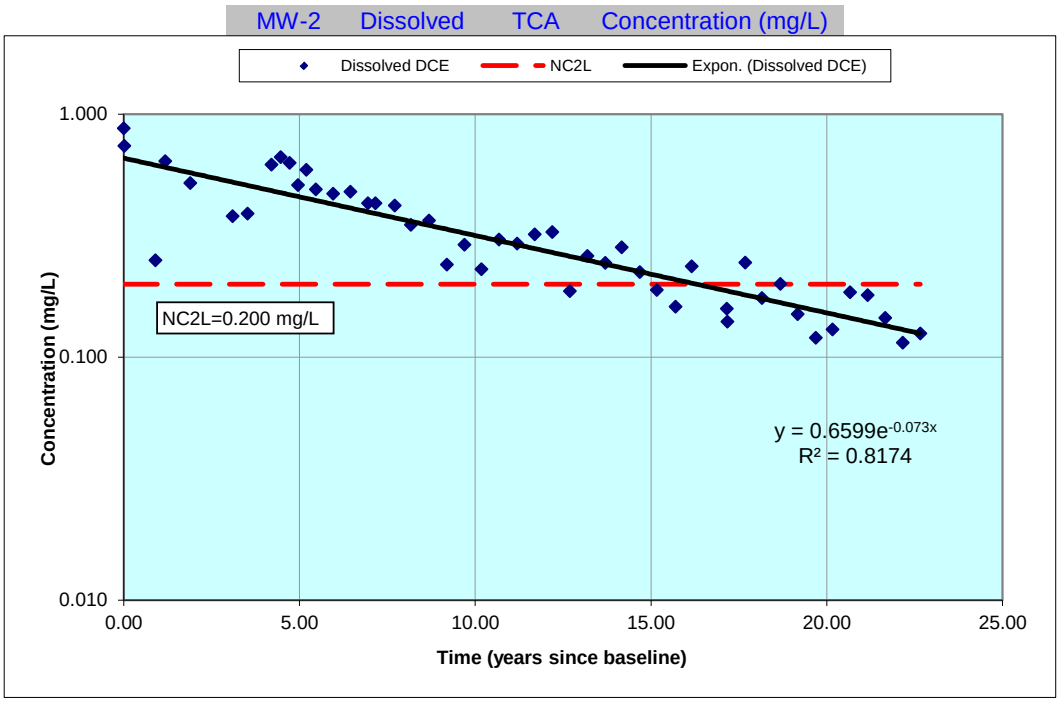
MW ID	Location	Cleanup Std (NC2L, ug/L)	Current Conc. (ug/L)	Estimated Cleanup		Comments
				Date	Time (yrs)	
1,1,1-Trichloroethane						
MW-2	Plume tail	200	125 (avg)	2010		Conc. less than the NC2L since 2011
MW-6	Plume tail	200	140	2013		Conc. less than the NC2L since 2012
MW-8	Plume tail	200	43 (11/2015)	1997		Conc. less than the NC2L since 1999
MW-10	Nearest to source	200	150	2006		Conc. generally less than the NC2L since 2007
MW-11	Plume tail	200	<1.0			NC2L never exceeded
MW-16s	Boundary	200	<1.0			NC2L never exceeded
M-4-150	Plume tail	200	9.4			NC2L never exceeded
CW-4-Dike	Boundary	200	<1.0			TCA never observed
1,1-Dichloroethene						
MW-2	Plume tail	350	410 (avg)	2025	9	
MW-6	Plume tail	350	450	2025	9	
MW-8	Plume tail	350	310 (11/2015)	2009		
MW-10	Nearest to source	350	410	2011		Predicted conc. less than NC2L
MW-11	Plume tail	350	28			NC2L never exceeded and conc. is declining
MW-16s	Boundary	350	7.0			NC2L never exceeded and conc. is declining
M-4-150	Plume tail	350	170			NC2L never exceeded; conc. declining since 2005
CW-4-Dike	Boundary	350	36			NC2L never exceeded and conc. is stable
Vinyl Chloride		0.03	<1.0 - 47			Concentrations are low but increasing at MW-11 as a byproduct of DCE decay
1,4-Dioxane		3.0	<2.0 - 18			Concentrations are very low and are stable or exhibit no trend

1. Cleanup date = predicted date when remediation goal will be achieved.
2. Time to cleanup = predicted time required to achieve remediation goal.

1,1,1-TRICHLOROETHANE REMEDIATION TIME ESTIMATE AT MW-2

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration

m = slope = k; the rate of change or point degradation rate constant

b = y intercept, or intial concentration, C_{start}

x = remediation time or t (t is used in 3B and 4B)

R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or

$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.200**	mg/L	
b =	**0.6599**		
k =	**-0.073**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**16.35**	Estimated remediation time, years from baseline date
t =	**-6.3**	Estimated remediation time, years from present
Date =	**1/12/2010**	Estimated date to achieve cleanup

= Input data (duplicates are averaged)

= Calculated values

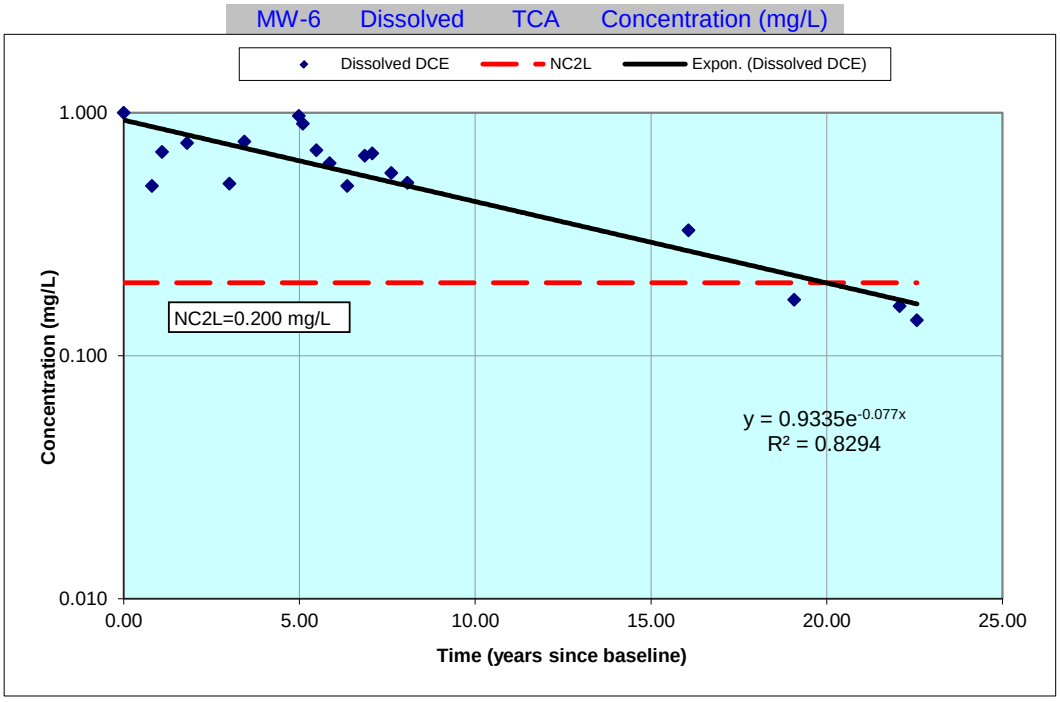
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1,1-TRICHLOROETHANE REMEDIATION TIME ESTIMATE AT MW-6

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L	=	**0.200**	mg/L
b	=	**0.9335**	
k	=	**-0.077**	per year = Point and source decay rate constant

3B. RESULTS

t	=	**20.01**	Estimated remediation time, years from baseline date
t	=	**-2.6**	Estimated remediation time, years Nov. 2012, the last sampling event
Date	=	**10/11/2013**	Estimated date to achieve cleanup

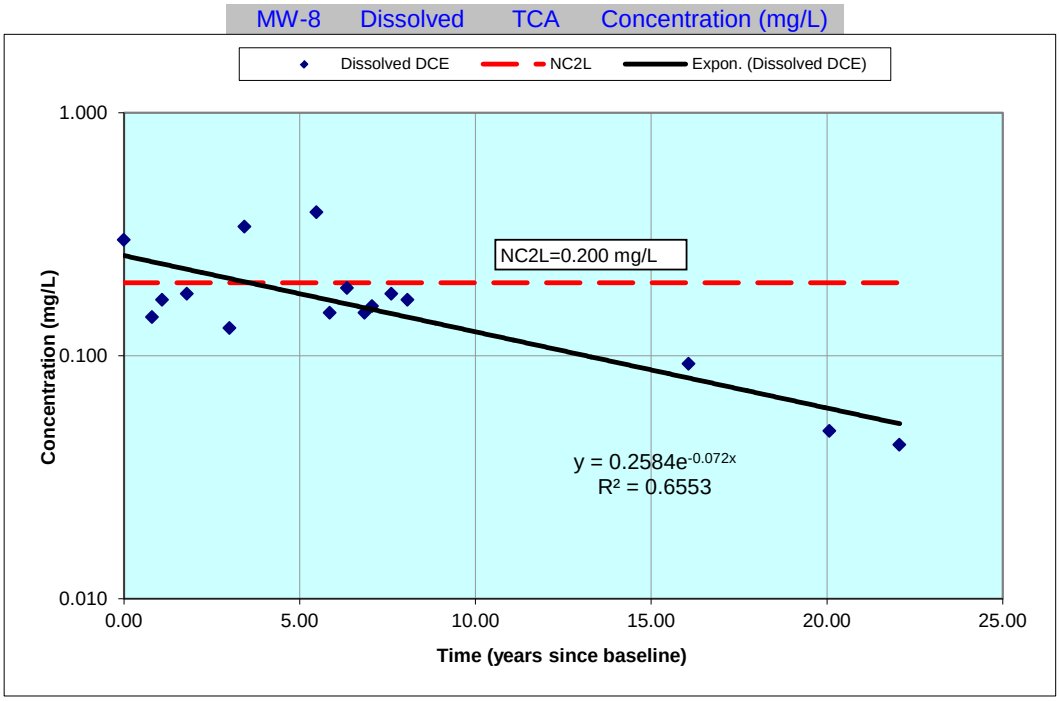
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1,1-TRICHLOROETHANE REMEDIATION TIME ESTIMATE AT MW-8

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L	=	**0.200**	mg/L
b	=	**0.2584**	
k	=	**-0.072**	per year = Point and source decay rate constant

3B. RESULTS

t	=	**3.56**	Estimated remediation time, years from baseline date
t	=	**-18.5**	Estimated remediation time, years from Nov. 2013, the last sampling event
Date	=	**5/5/1997**	Estimated date to achieve cleanup

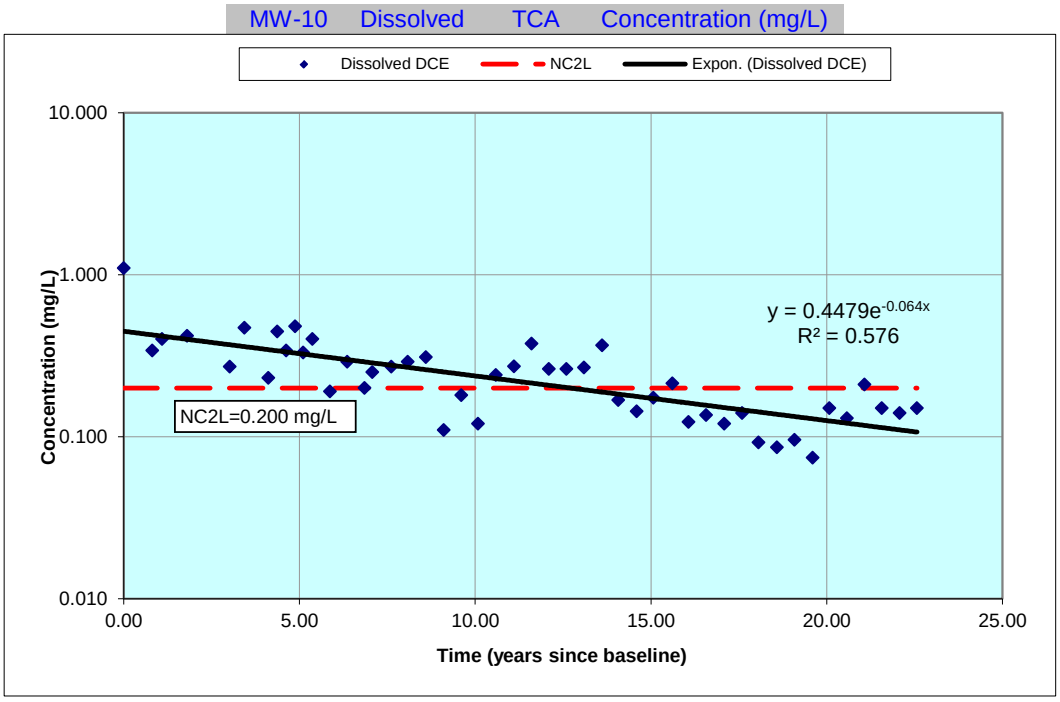
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1,1-TRICHLOROETHANE REMEDIATION TIME ESTIMATE AT MW-10

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L	=	**0.200**	mg/L
b	=	**0.4479**	
k	=	**-0.064**	per year = Point and source decay rate constant

3B. RESULTS

t	=	**12.60**	Estimated remediation time, years from baseline date
t	=	**-10.0**	Estimated remediation time, years from present
Date	=	**5/17/2006**	Estimated date to achieve cleanup

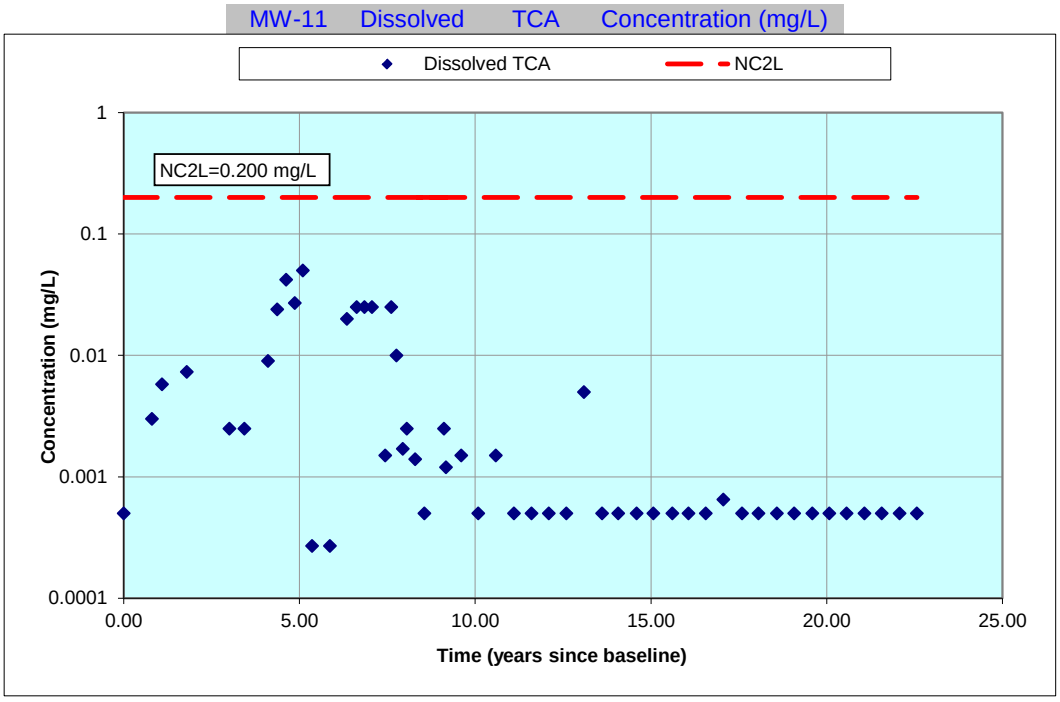
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1,1-TRICHLOROETHANE REMEDIATION TIME ESTIMATE AT MW-11

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration

m = slope = k; the rate of change or point degradation rate constant

b = y intercept, or intial concentration, C_{start}

x = remediation time or t (t is used in 3B and 4B)

R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or

$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.200**	mg/L	
b =	**NA**		
k =	**NA**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**NA**	NC2L never exceeded
t =	**NA**	
Date =	**NA**	

= Input data (duplicates are averaged)

= Calculated values

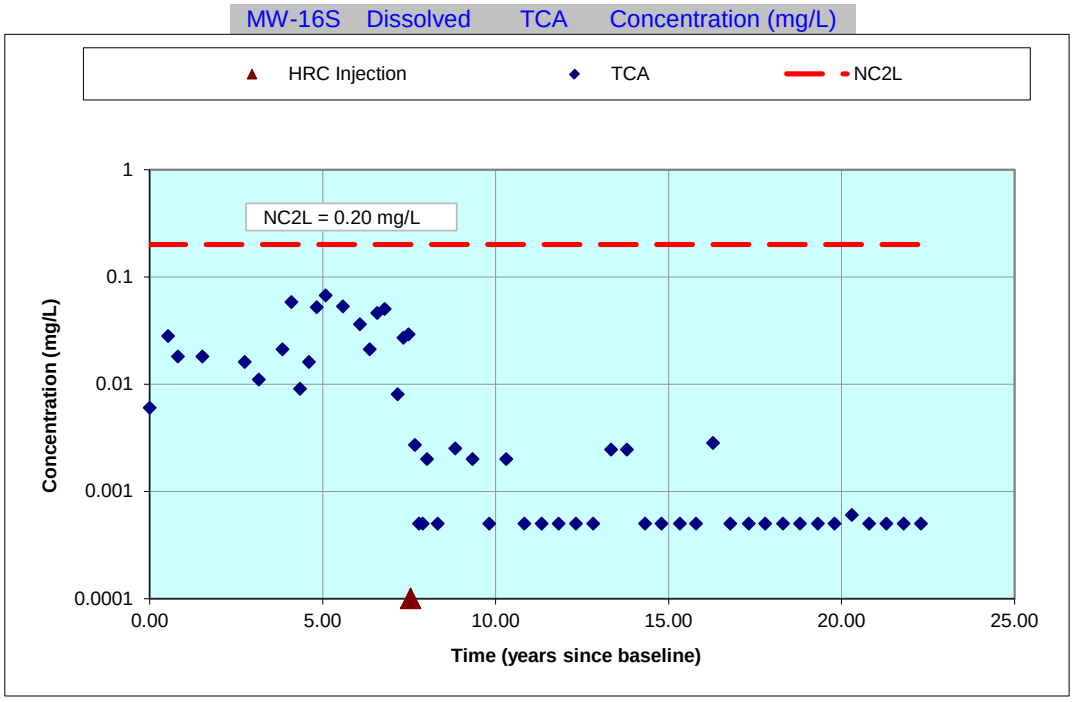
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-16S

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L = **0.200** mg/L
b = **NA**
k = **NA** per year = Point and source decay rate constant

3B. RESULTS

t = **NA** NC2L never exceeded
t = **NA**
Date = **NA**

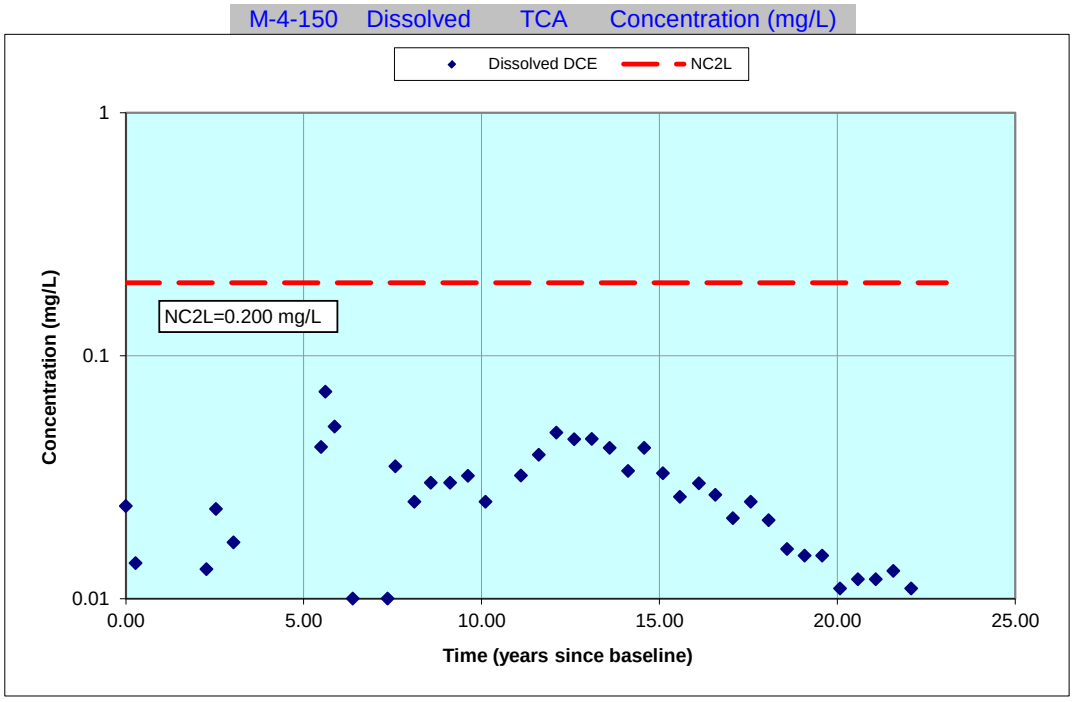
= Input data HRC Pilot Injected: 8/6/2001
= Calculated values

For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1,1-TRICHLOROETHANE REMEDIATION TIME ESTIMATE AT M-4-DIKE/M-4-150
Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.200**	mg/L	
b =	**NA**		
k =	**NA**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**NA**	NC2L never exceeded
t =	**NA**	
Date =	**NA**	

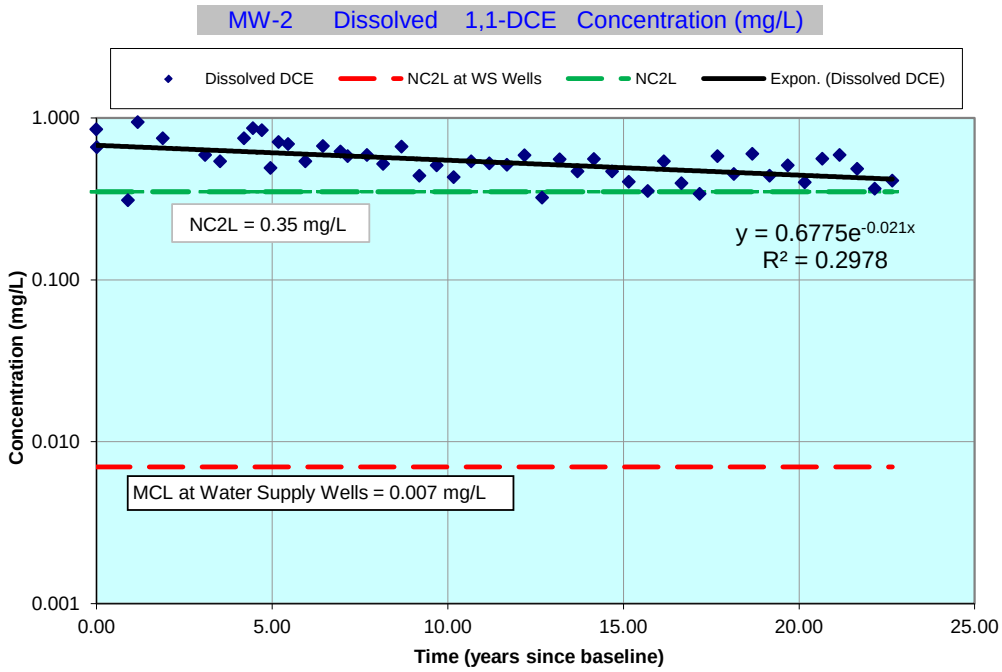
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-2

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.6775**		
k =	**-0.021**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**31.45**	Estimated remediation time to NC2L, years from baseline
t =	**8.8**	Estimated remediation time to NC2L, years from present
Date =	**2/13/2025**	Estimated date to achieve cleanup to NC2L

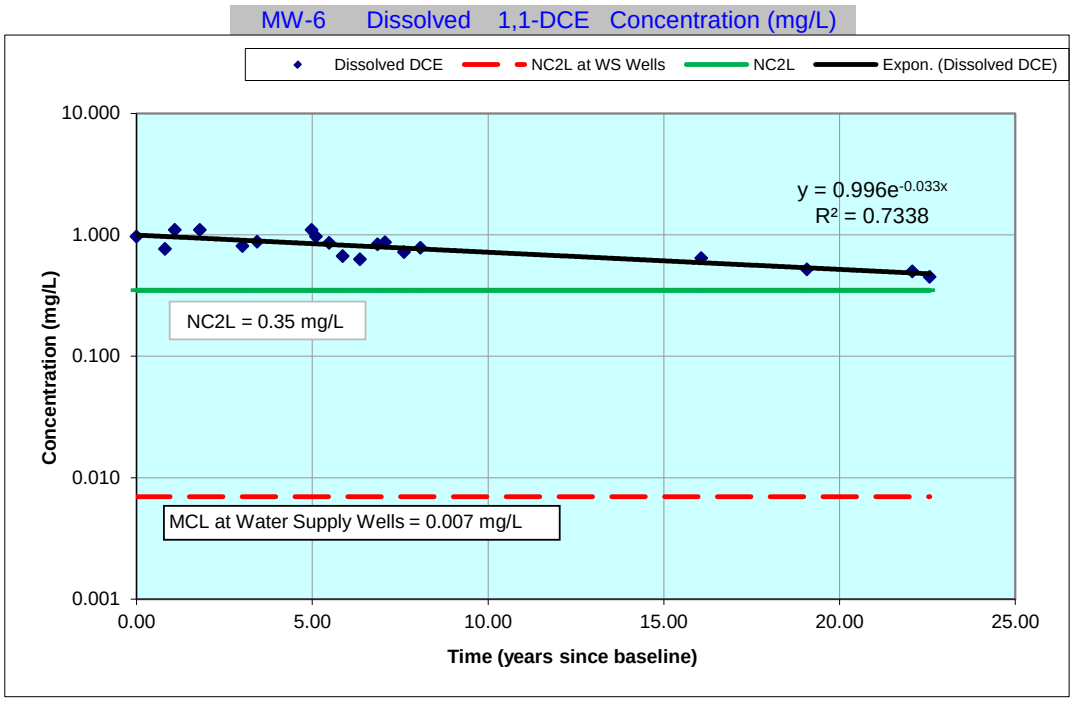
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-6

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.996**		
k =	**-0.033**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**32**	Estimated remediation time to NC2L, years from baseline
t =	**9.1**	Estimated remediation time to NC2L, years from present
Date =	**6/15/2025**	Estimated date to achieve cleanup to NC2L

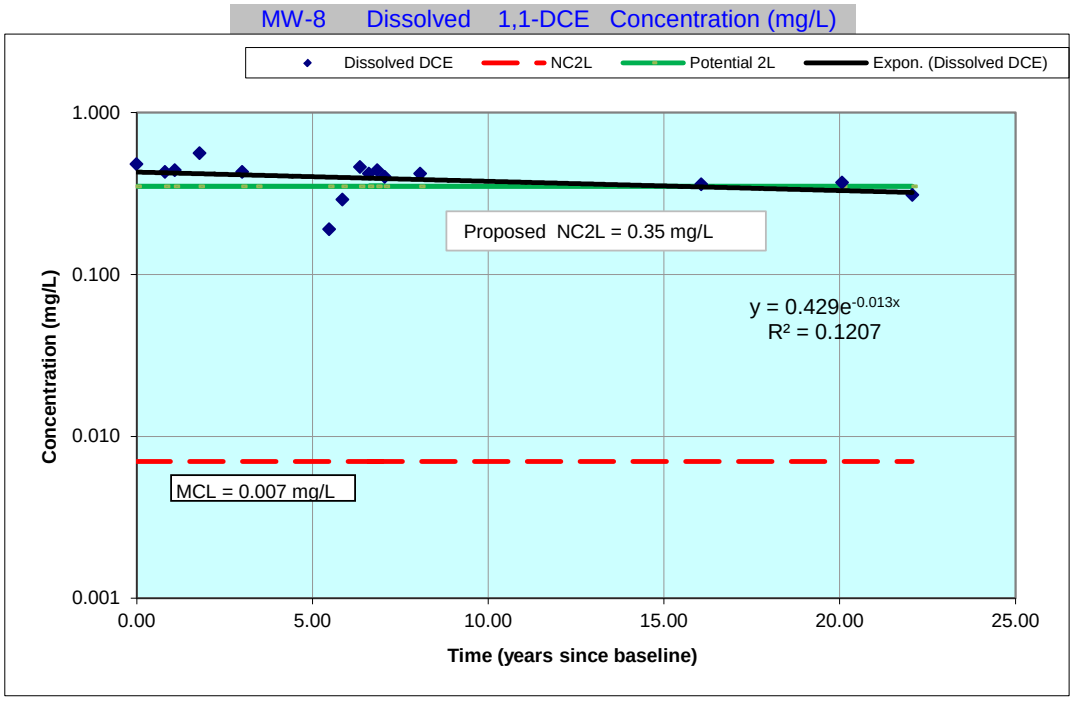
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-8

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.429**		
k =	**-0.013**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**15.66**	Estimated remediation time to NC2L, years from baseline
t =	**-6.4**	Estimated remediation time to NC2L, years from present
Date =	**6/7/2009**	Estimated date to achieve cleanup to NC2L

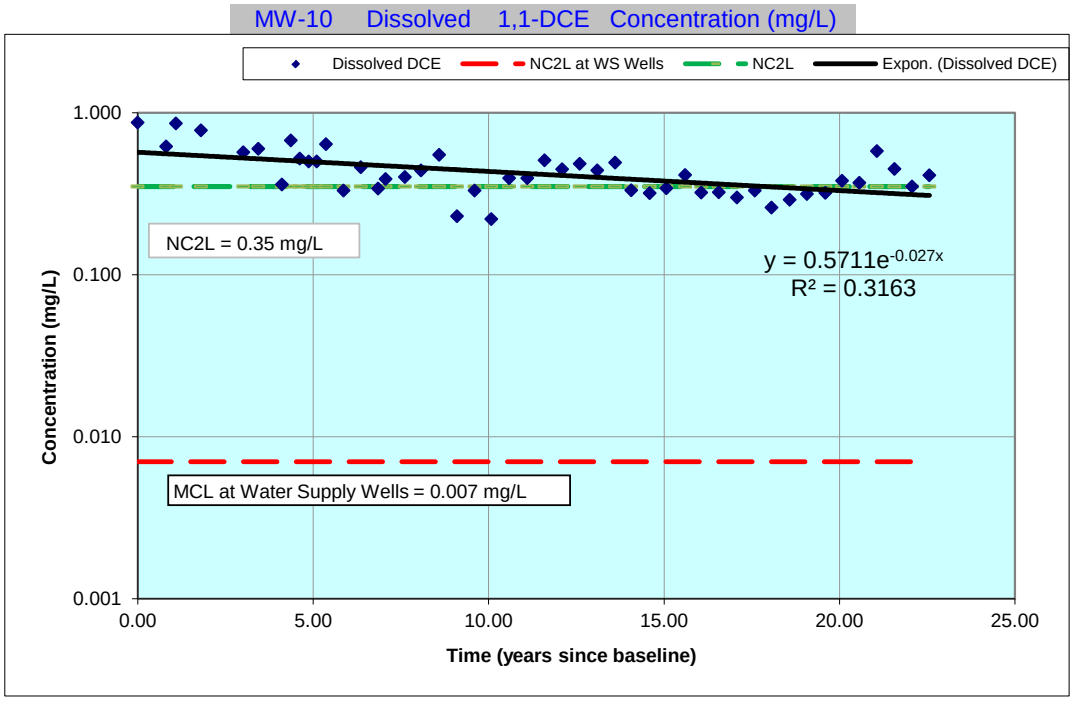
= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-10

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



3A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

3B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

4A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.5711**		
k =	**-0.027**	per year	= Point & source decay rate constant

4B. RESULTS

t =	**18.13**	Estimated remediation time to NC2L, years from baseline
t =	**-4.4**	Estimated remediation time to NC2L, years from present
Date =	**11/28/11**	Estimated date to achieve cleanup to NC2L

= Input data (duplicates are averaged)
= Calculated values

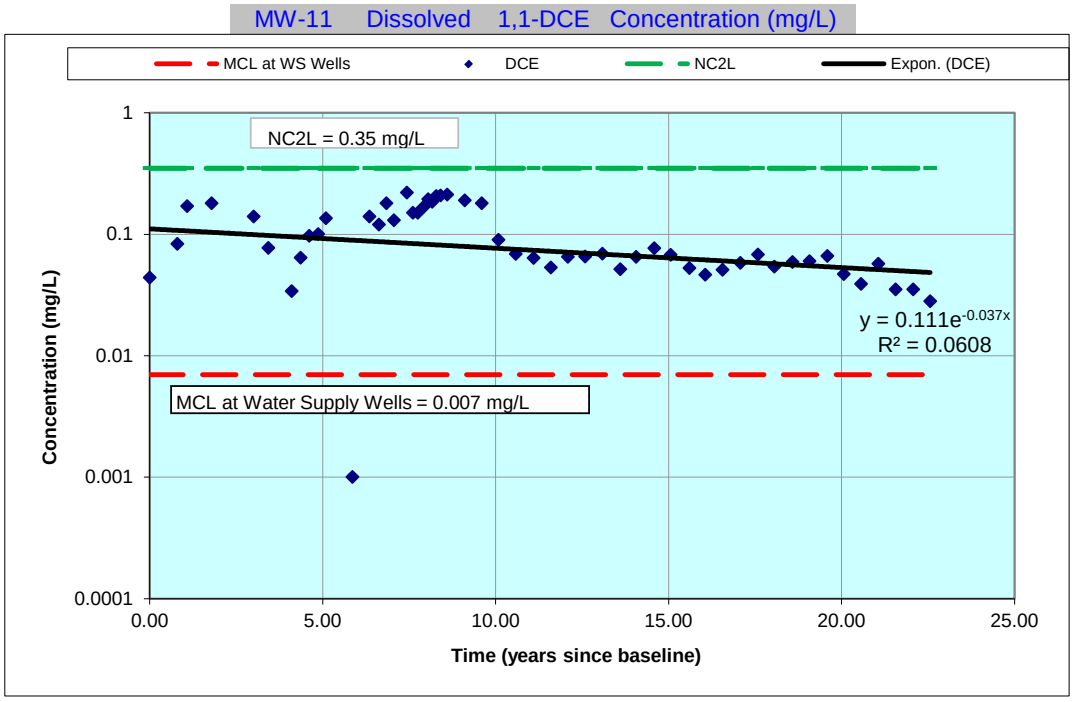
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-11

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.106**		
k =	**-0.031**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**NA**	
t =	**NA**	
Date =	**NA**	NC2L standard never exceeded and concentrations are declining.

= Input data
= Calculated values

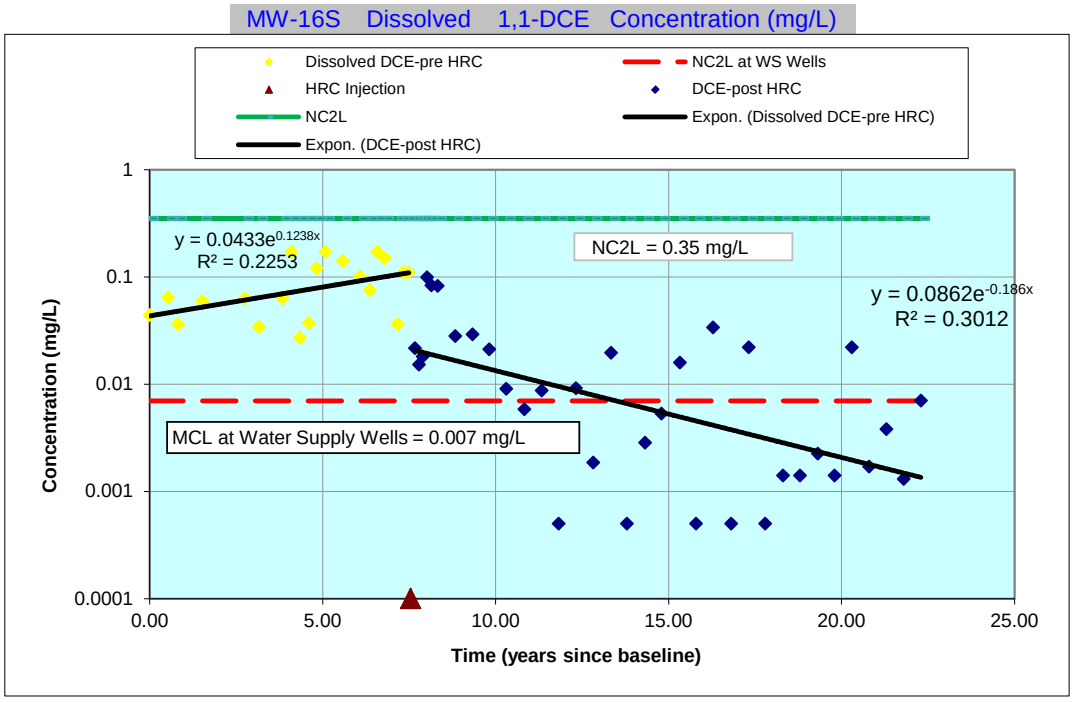
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT MW-16S

Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration

m = slope = k; the rate of change or point degradation rate constant

b = y intercept, or intial concentration, C_{start}

x = remediation time or t (t is used in 3B and 4B)

R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or

$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.1089**		
k =	**-0.207**	per year	= Point and source decay rate constant

3B. RESULTS

t =	**NA**	
t =	**NA**	
Date =	**NA**	NC2L standard never exceeded and concentrations are declining.

= Input data HRC Pilot Injected: 8/6/2001

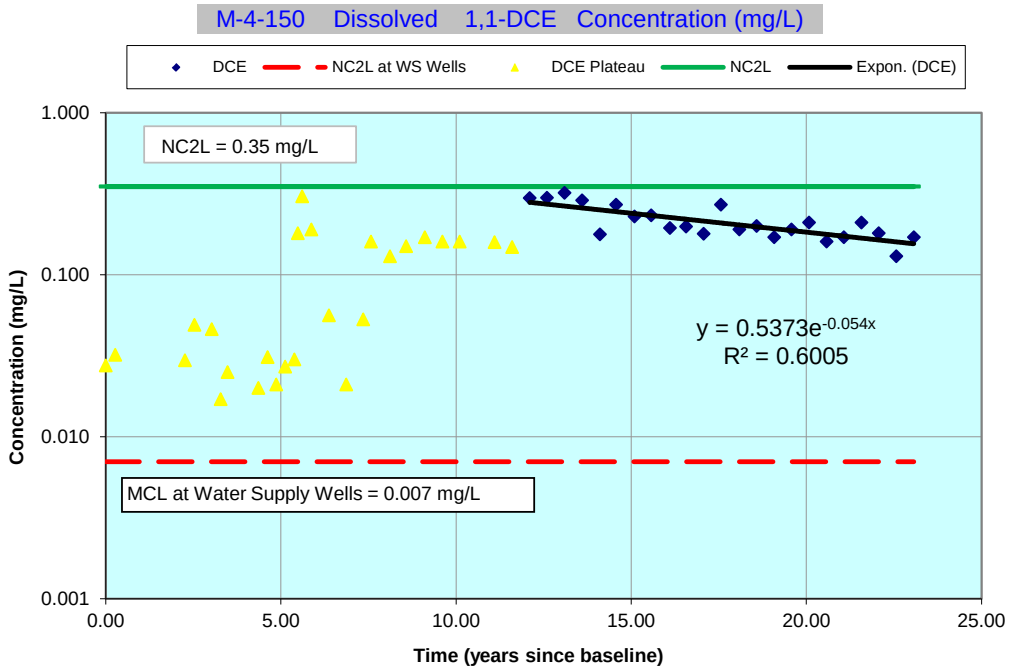
= Calculated values

For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT M-4-DIKE/M-4-150
Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L =	**0.350**	mg/L	
b =	**0.5572**		
k =	**-0.056**	per year	= Point and source decay rate constant

3B. RESULTS

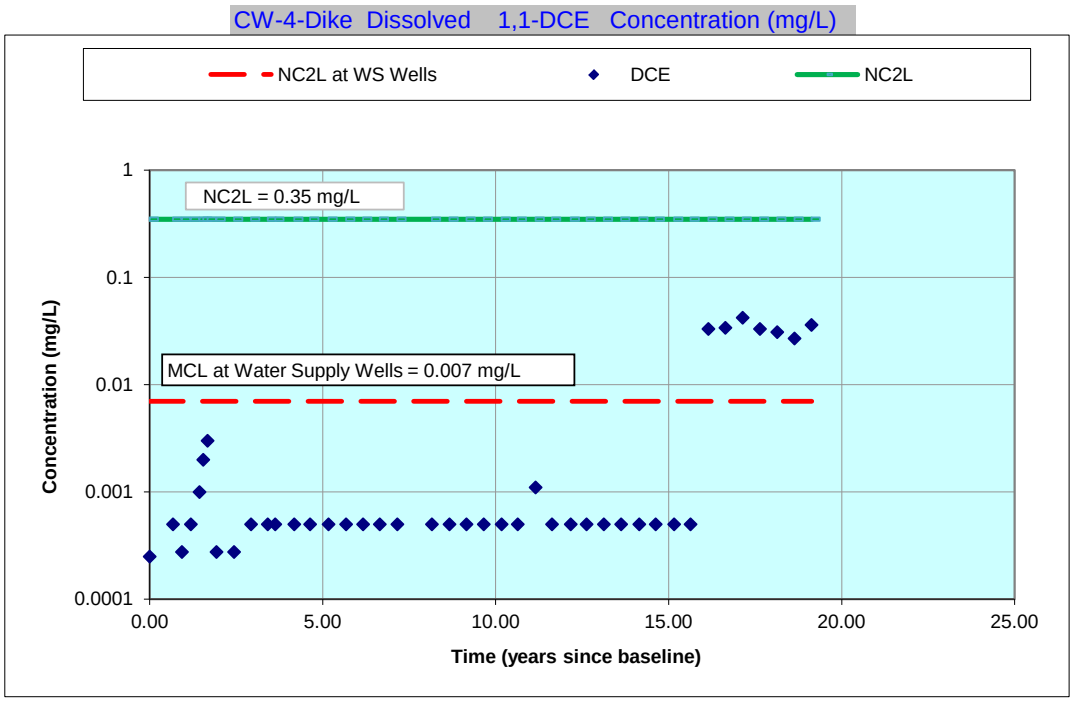
t =	**8.30**	
t =	**-14.8**	
Date =	**7/30/2001**	DCE standard never exceeded; concentrations are declining since 2005.

= Input data (duplicates are averaged)
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

1,1-DICHLOROETHENE REMEDIATION TIME ESTIMATE AT CW-4-Dike
Calculation of Point Decay First-Order Attenuation Constant (Conc. vs. Time Attenuation Rate Constant)[1]

1. DATA OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. TIME



2A. RATE EQUATION: From equation of regression line determine slope and intercept

$y = b*\exp^{mx}$; a negative slope indicates concentrations are attenuating; where

y = contaminant concentration
m = slope = k; the rate of change or point degradation rate constant
b = y intercept, or intial concentration, C_{start}
x = remediation time or t (t is used in 3B and 4B)
R^2 = correlation coefficient; a measure of the correlation between conc. and time

2B. REARRANGE RATE EQUATION: Solve for remediation time; where y (contaminant concentration) is the remediation goal (NC2L, consistent units):

x (remediation time from baseline date) = [LN (y, or NC2L conc / b)] / k (yrs); or
$t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the NC2L

3A. INPUT NC2L STD. AND VALUES FROM GRAPH TO CALCULATE TIME

NC2L = **0.350** mg/L
b = **NA**
k = **NA** per year = Point and source decay rate constant

3B. RESULTS

t = **NA**
t = **NA**
Date = **NA** NC2L standard never exceeded.

= Input data
= Calculated values
For results that are <DL, one-half DL is used in calculation.

1. EPA/540/S-02/500, Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites, Newell, Rifal, Wilson, et el, Nov. 2002. Point decay rate constant is a plume duration estimate used to estimate time to meet a remediation goal at a point within the plume. If wells in the source zone are used to derive k, then this rate can be used to estimate the time required to meet remediation goals for the entire site.

APPENDIX H

ESTIMATE OF PLUME MIGRATION DISTANCE

Table H1. Summary of Predicted Plume Migration Distance

Contaminant	Plume	Source Well	Standard (ug/L)		Source Conc. (ug/L)	L (ft)	Comments
DCE	Main	MW-10	350	NC2L	350	217	Based on the NC2L std
DCE	Main	MW-10	7.0	MCL	350	2170	Based on the MCL std
1,4-Dioxane	Main	MW-10	3.0	NC2L	18.3	896	
TCA	Main	MW-10	200	NC2L	140	Not Estimated	Max. conc. < NC2L
Vinyl chloride	West	MW-16S	0.03	NC2L	47	Not Estimated	Contained onsite

1. L = estimated distance plume should extend from source well (MW-10) until the applicable standard is achieved.

ESTIMATE OF MAXIMUM DCE CONTAMINANT MIGRATION DISTANCE TO MCL

5/2/2016

Calculation of Bulk Attenuation Decay Rate Constant[1]

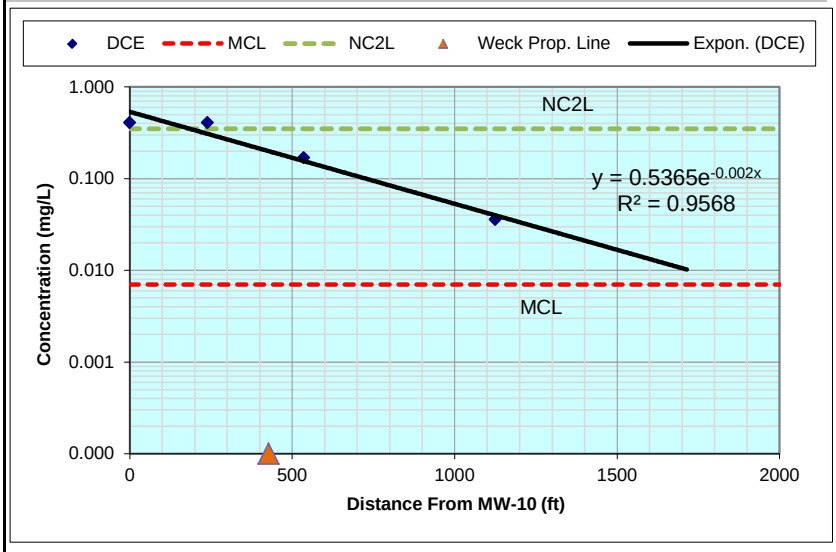
1. ENTER PLUME CENTERLINE DATA:

Site: **Edward Weck, Inc.**
Source: **Pit**
Date: **5/2/2016**
Constituent: **DCE**

MW	Dist. From Source (ft)	DCE (mg/L)
MW-10	0	0.410
MW-2	239	0.410
M-4-150	535	0.170
CW-4-dike	1125	0.036
M-3-50	1715	

2A. OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. DISTANCE

Distance Rate Constant Constituent: DCE 5/2/16



2B. From equation of regression line determine slope and intercept

(1) $y = b*\exp^{mx}$; where

y = contaminant concentration

m = slope = K_d; the distance degradation rate constant (per ft)

b = y intercept, or intial concentration, C_{start}

x = remediation time, or t, as contaminant moves downgradient

2C. REARRANGE RATE EQUATION: Solve for remediation time; when y contaminant conc.) is the remediation goal (RRS:

x (remediation time from baseline date) = [LN (y, or RRS conc / b)] / k (yrs); or

(2) $t = (\text{LN}\ (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the MCL

3. CALCULATE BULK ATTENUATION RATE:

K = hydraulic conductivity

η = effective porosity

dh/dl = horizontal gradient

K_{OC} = contaminant partition coefficient

r = bulk aquifer density

f_{OC} = aquifer organic fraction

R = retardation factor = $1+[(r*K_{oc}*f_{oc})/\eta]$

V_x = groundwater velocity = $K*dh/dl/\eta$

V_c = contaminant velocity = V_x/R

K_d = decay rate = slope of regression (per ft)

k = bulk attenuation rate = $-K_d*V_c$ (per yr)

HL = contaminant half-life = 0.693/k

t = travel time to reach remediation goal at the downgradient extent of the plume, equation 2C(2)

L = plume migration distance = V_c*t

INPUT DATA

K_d, slope (1/ft)	-0.002	(from graph)
K (ft/day)	1.328	
η (dimen)	0.15	
dh/dl (ft/ft)	0.0160	(avg)
r (g/cm^2)	1.6	
K_{OC} (L/Kg)	31.82	
f_{OC} (dimen)	0.001	
C_{start} (mg/L)	0.537	(from graph)
C_{goal} (mg/L)	0.007	(MCL)

CALCULATED VALUES

R (dimen)	1.34	
V_x (ft/day)	0.142	
V_x (ft/yr)	51.7	
V_c (ft/day)	0.106	
V_c (ft/yr)	38.6	
k (per yr)	0.0772	= Bulk attenuation rate
Half-Life (yrs)	8.98	= Half-life after contaminant leaves source zone
t (yrs)	56.22	= Travel time for contaminant to attenuate to MCL
L (ft)	2170	= Distance plume should extend from MW-10
L (ft)	2525	= Distance plume should extend from source (pit)

IS ATTENUATION OCCURRING?

The concentration vs. distance rate constant is negative, which indicates attenuation of dissolved contaminant is occurring after it leaves the source zone. The estimated maximum plume migration distance is 2170 ft from MW-10.

REFERENCES FOR INPUT DATA USED IN CALCULATIONS:

K_{OC}: USEPA Region 3, Mid-Atlantic Risk Assessment, Regional Screening Levels for Chemical Contaminants at Superfund Sites, Risk-Based Concentration Tables, May 2013.

K: geomean from pump tests (CSA and CAP).

η, r, and f_{oc}: EPA/600/R-00/008, *Biochlor Natural Attenuation Decision Support System User's Manual*, C. Aziz and C. Newell, Jan. 2000.

1. EPA/540/S-02/500, *Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites*, Newell, Rifal, Wilson, et el, Nov. 2002.

ESTIMATE OF DCE MAXIMUM CONTAMINANT MIGRATION DISTANCE TO NC2L

5/2/2016

Calculation of Bulk Attenuation Decay Rate Constant[1]

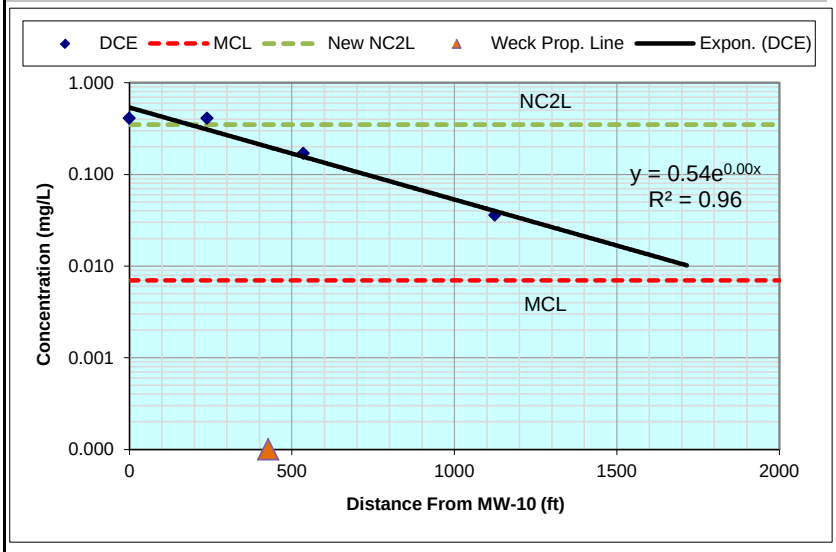
1. ENTER PLUME CENTERLINE DATA:

Site: **Edward Weck, Inc.**
Source: **Pit**
Date: **5/2/2016**
Constituent: **DCE**

MW	Dist. From Source (ft)	DCE (mg/L)
MW-10	0	0.410
MW-2	239	0.410
M-4-150	535	0.170
CW-4-dike	1125	0.036
M-3-50	1715	

2A. OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. DISTANCE

Distance Rate Constant Constituent: DCE 5/2/16



2B. From equation of regression line determine slope and intercept

(1) $y = b*\exp^{mx}$; where

y = contaminant concentration
m = slope = K_d; the distance degradation rate constant (per ft)
b = y intercept, or intial concentration, C_{start}
x = remediation time, or t, as contaminant moves downgradient

2C. REARRANGE RATE EQUATION: Solve for remediation time; when y contaminant conc.) is the remediation goal (RRS:

x (remediation time from baseline date) = [LN (y, or RRS conc / b)] / k (yrs); or
(2) $t = (\ln(C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the RRS

3. CALCULATE BULK ATTENUATION RATE:

K = hydraulic conductivity
η = effective porosity
dh/dl = horizontal gradient
K_{OC} = contaminant partition coefficient
r = bulk aquifer density
f_{OC} = aquifer organic fraction
R = retardation factor = $1+[(r*K_{oc}*f_{oc})/\eta]$
V_x = groundwater velocity = $K*dh/dl/\eta$
V_c = contaminant velocity = V_x/R
K_d = decay rate = slope of regression (per ft)
k = bulk attenuation rate = $-K_d*V_c$ (per yr)
HL = contaminant half-life = 0.693/k
t = travel time to reach remediation goal at the downgradient extent of the plume, equation 2C(2)
L = plume migration distance = V_c*t

INPUT DATA		
K_d, slope (1/ft)	-0.002	(from graph)
K (ft/day)	1.328	
η (dimen)	0.15	
dh/dl (ft/ft)	0.0160	(avg)
r (g/cm^2)	1.6	
K_{OC} (L/Kg)	31.82	
f_{OC} (dimen)	0.001	
C_{start} (mg/L)	0.540	(from graph)
C_{goal} (mg/L)	0.350	(NC2L)

CALCULATED VALUES		
R (dimen)	1.34	
V_x (ft/day)	0.142	
V_x (ft/yr)	51.7	
V_c (ft/day)	0.106	
V_c (ft/yr)	38.6	
k (per yr)	0.0772	= Bulk attenuation rate
Half-Life (yrs)	8.98	= Half-life after contaminant leaves source zone
t (yrs)	5.62	= Travel time for contaminant to attenuate to RRS
L (ft)	217	= Distance plume should extend from MW-10
L (ft)	572	= Distance plume should extend from source pit

IS ATTENUATION OCCURRING?

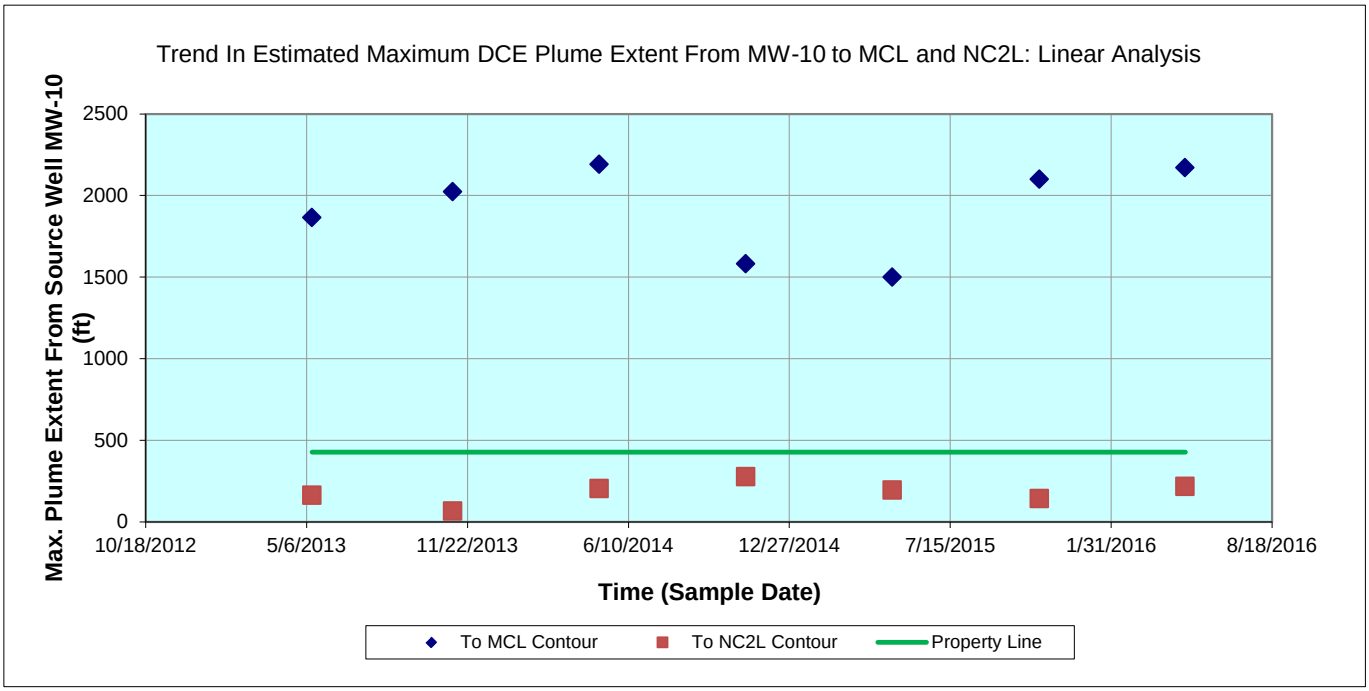
The concentration vs. distance rate constant is negative, which indicates attenuation of dissolved contaminant is occurring after it leaves the source zone. The estimated maximum plume migration distance is 217 ft.

REFERENCES FOR INPUT DATA USED IN CALCULATIONS:

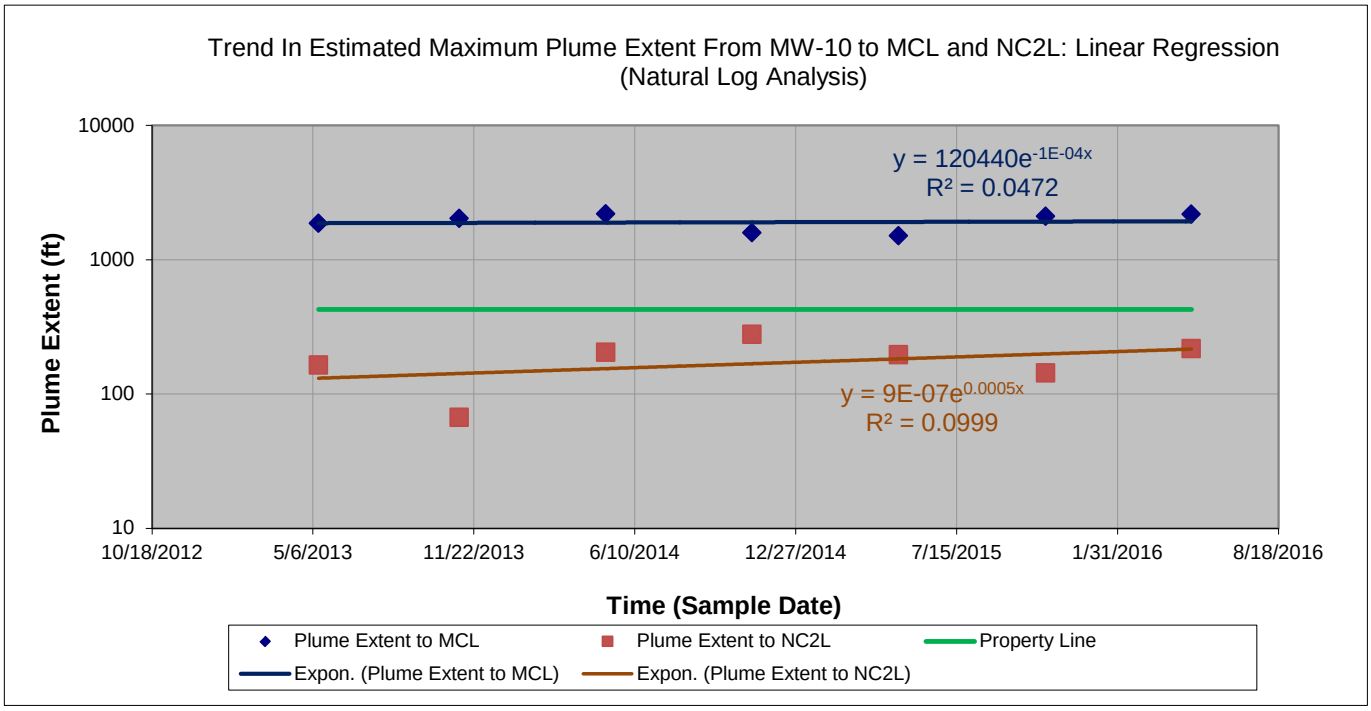
K_{OC}: USEPA Region 3, Mid-Atlantic Risk Assessment, Regional Screening Levels for Chemical Contaminants at Superfund Sites, Risk-Based Concentration Tables, May 2013.
K: geomean from pump tests (CSA and CAP).
η, r, and f_{oc}: EPA/600/R-00/008, *Biochlor Natural Attenuation Decision Support System User's Manual* , C. Aziz and C. Newell, Jan. 2000.

1. EPA/540/S-02/500, *Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites* , Newell, Rifal, Wilson, et el, Nov. 2002.

Trend In Estimated DCE Maximum Plume Migration Distance Over Time



The estimated maximum plume migration distance was calculated for each sampling event using the same methods described in Table E1. The graph (trend in plume distance over time) indicates the plume may be expanding.



ESTIMATE OF 1,4-DIOXANE MAXIMUM CONTAMINANT MIGRATION DISTANCE **5/2/2016**

Calculation of Bulk Attenuation Decay Rate Constant[1]

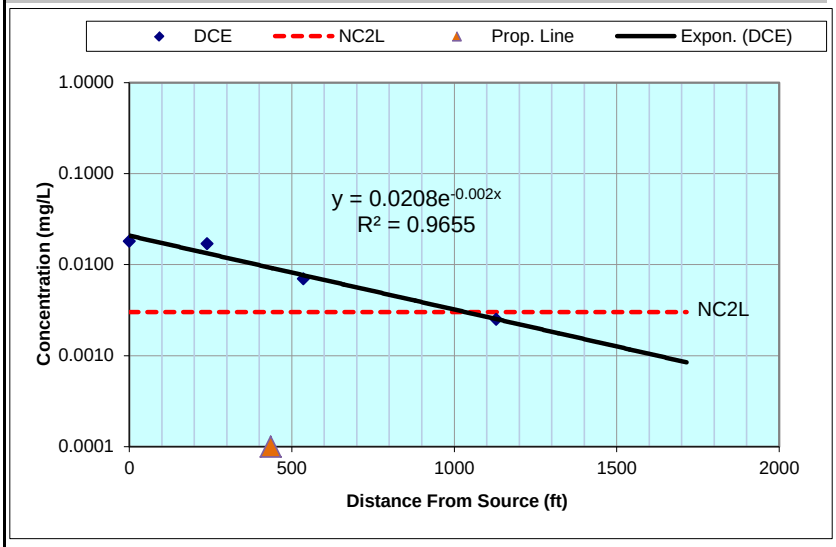
1. ENTER PLUME CENTERLINE DATA:

Site: **Edward Weck, Inc.**
Source: **Pit**
Date: **5/2/2016**
Constituent: **1.4-dioxane**

MW	Dist. From Source (ft)	1.4-dioxane (mg/L)
MW-10	0	0.0180
MW-2	239	0.0170
M-4-150	535	0.007
CW-4-dike	1129	0.0025
M-3-50	1715	

2A. OUTPUT GRAPH: PLOT CONC (NATURAL LOG) vs. DISTANCE

Distance Rate Constant Constituent: 1.4-dioxane 5/2/16



2B. From equation of regression line determine slope and intercept

(1) $y = b*\exp^{mx}$; where

y = contaminant concentration
m = slope = K_d; the distance degradation rate constant (per ft)
b = y intercept, or intial concentration, C_{start}
x = remediation time, or t, as contaminant moves downgradient

2C. REARRANGE RATE EQUATION: Solve for remediation time; when y contaminant conc.) is the remediation goal (RRS:

x (remediation time from baseline date) = [LN (y, or RRS conc / b)] / k (yrs); or
(2) $t = (LN (C_{goal}/C_{start}))/k$; where C_{start} = the y intercept (or b), and C_{goal} = the RRS

3. CALCULATE BULK ATTENUATION RATE:

K = hydraulic conductivity
η = effective porosity
dh/dl = horizontal gradient
K_{OC} = contaminant partition coefficient
r = bulk aquifer density
f_{OC} = aquifer organic fraction
R = retardation factor = $1+[(r*K_{oc}*f_{oc})/n]$
V_x = groundwater velocity = $K*dh/dl/\eta$
V_c = contaminant velocity = V_x/R
K_d = decay rate = slope of regression (per ft)
k = bulk attenuation rate = $-K_d*V_c$ (per yr)
HL = contaminant half-life = 0.693/k
t = travel time to reach remediation goal at the downgradient extent of the plume, equation 2C(2)
L = plume migration distance = V_c*t

INPUT DATA

K_d, slope (1/ft)	-0.002	(from graph)
K (ft/day)	1.328	
η (dimen)	0.15	
dh/dl (ft/ft)	0.0160	(avg, from elev. data)
r (g/cm^2)	1.6	
K_{OC} (L/Kg)	2.633	
f_{OC} (dimen)	0.001	
C_{start} (mg/L)	0.0180	(from data)
C_{goal} (mg/L)	0.003	(NC2L)

CALCULATED VALUES

R (dimen)	1.03	
V_x (ft/day)	0.142	
V_x (ft/yr)	51.7	
V_c (ft/day)	0.138	
V_c (ft/yr)	50.3	
k (per yr)	0.1006	= Bulk attenuation rate
Half-Life (yrs)	6.89	= Half-life after contaminant leaves source zone
t (yrs)	17.81	= Travel time for contaminant to attenuate to NC2L
L (ft)	896	= Distance plume should extend from the source (MW-10) until the NC2L is achieved

IS ATTENUATION OCCURRING?

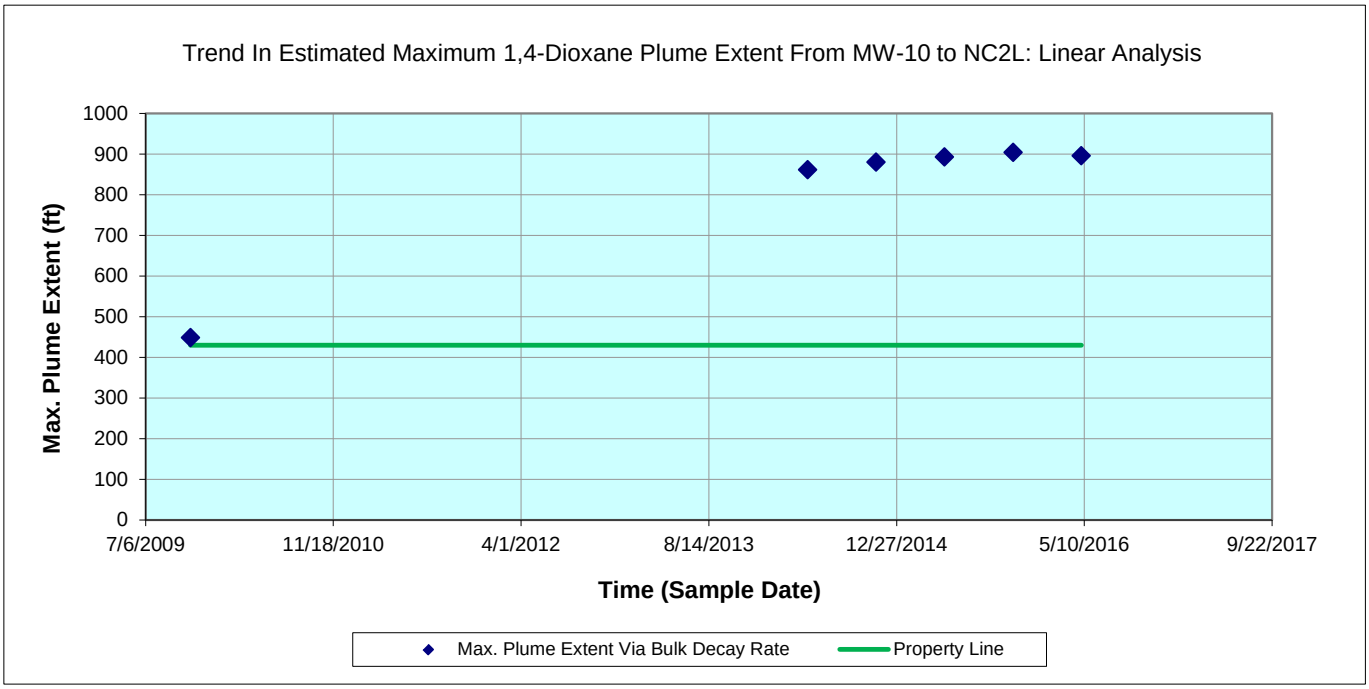
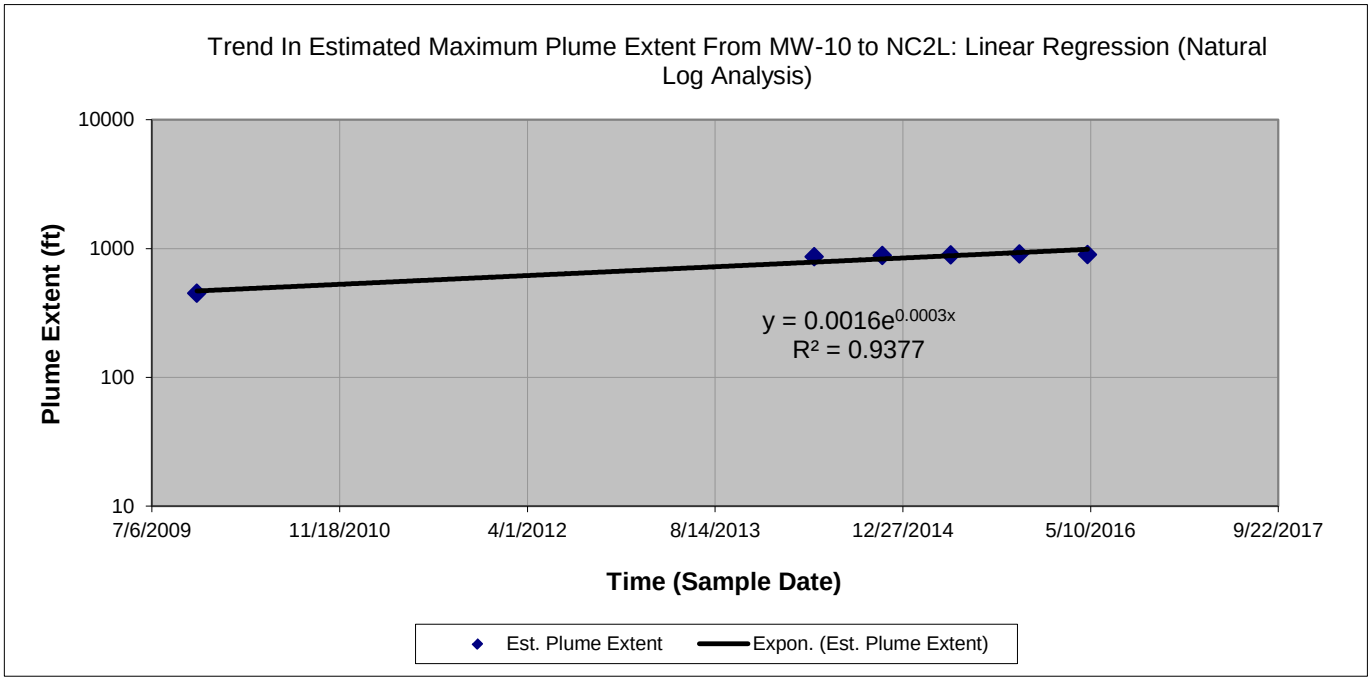
The concentration vs. distance rate constant is positive, which indicates attenuation of dissolved contaminant is occurring after it leaves the source zone. The estimated maximum plume migration distance is 896 ft. from MW-10.

REFERENCES FOR INPUT DATA USED IN CALCULATIONS:

K_{OC}: USEPA Region 3, Mid-Atlantic Risk Assessment, Regional Screening Levels for Chemical Contaminants at Superfund Sites, Risk-Based Concentration Tables, November 2013.
K: average of rising and falling head slug tests at MW-1, MW-2, MW-4, and MW-5 (Addendum To CSR, November 2000).
η, r, and f_{oc}: EPA/600/R-00/008, *Biochlor Natural Attenuation Decision Support System User's Manual*, C. Aziz and C. Newell, Jan. 2000.

1. EPA/540/S-02/500, *Calculation and Use of First Order Rate Constants for Monitored Natural Attenuation Sites*, Newell, Rifal, Wilson, et el, Nov. 2002.

Trend In Estimated 1,4-Dioxane Maximum Plume Migration Distance Over Time



The estimated maximum plume migration distance was calculated for each sampling event using the same methods described in Table E1. The graph (trend in plume distance over time) indicates the plume may be expanding.