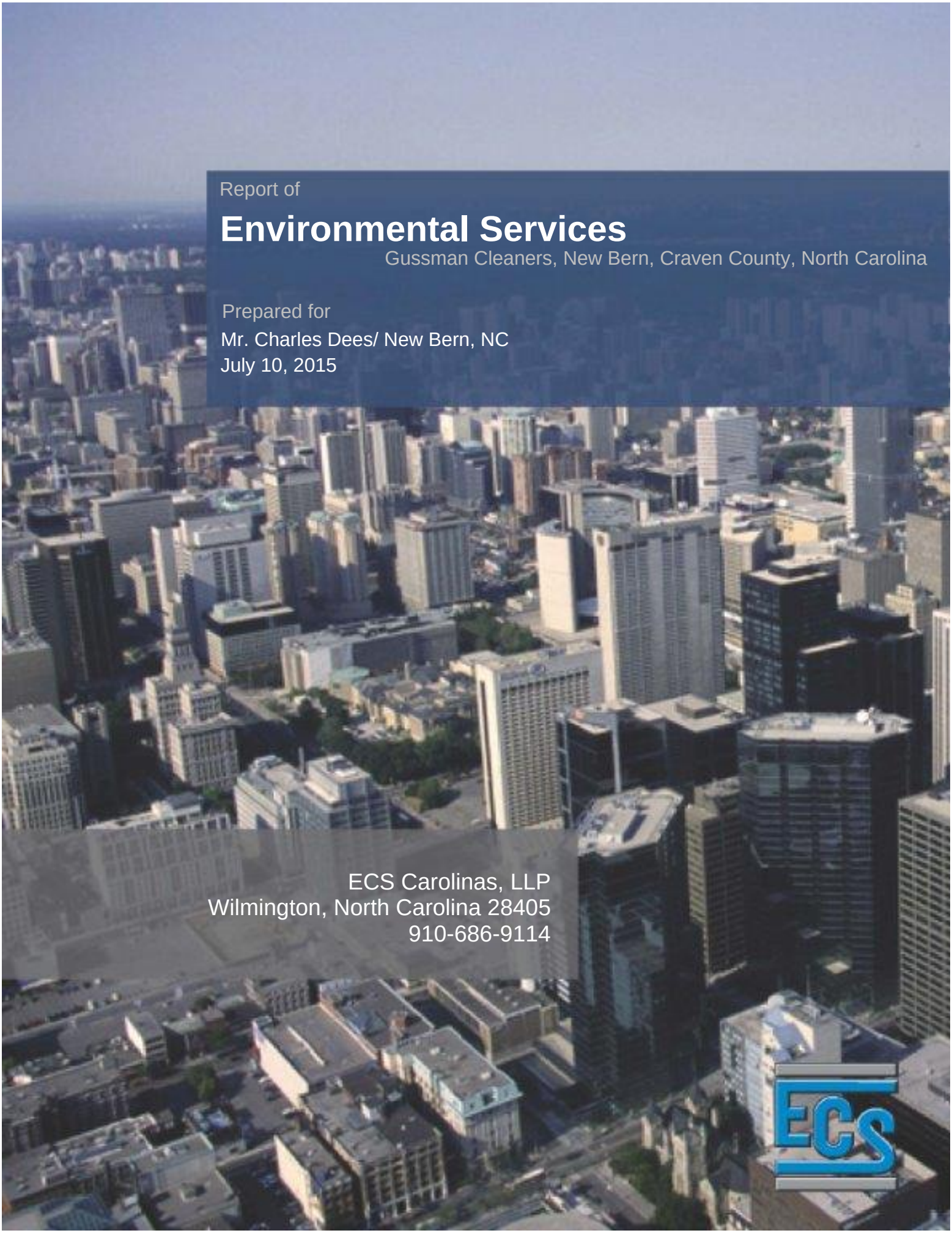


Report of

Environmental Services

Gussman Cleaners, New Bern, Craven County, North Carolina

Prepared for

Mr. Charles Dees/ New Bern, NC

July 10, 2015

ECS Carolinas, LLP
Wilmington, North Carolina 28405
910-686-9114

ECS CAROLINAS, LLP
"Setting the Standard for Service"
Geotechnical • Construction Materials • Environmental • Facilities
NC Registered Engineering Firm F-1078

July 10, 2015

Mr. Charles Dees
PO Box 1506
New Bern, North Carolina 28563

Reference: Report of Environmental Services
Gussman Cleaners
223 Craven Street
New Bern, Craven County, North Carolina
ECS Project 22-22171-A

Dear Mr. Dees:

ECS Carolinas, LLP (ECS) is pleased to provide Mr. Charles Dees with the results of our Report of Environmental Services for the above-referenced property. ECS' services were conducted in accordance with the services outlined in ECS Proposal 22-19678 dated May 15, 2015. ECS appreciates the opportunity to provide our services to you. If there are questions regarding this report, or a need for further information, please contact us at (910) 686-9114.

Respectfully submitted,

ECS CAROLINAS, LLP

Amy Conchas

Amy C. Conchas, REM
Environmental Principal

C. Brian Smith

C. Brian Smith, P.G.
Principal Geologist

NORTH CAROLINA LICENSED SEAL 2241 GEOLOGIST CLAUDE BRIAN SMITH
CBS 7/10/15

TABLE OF CONTENTS

1. PROJECT INFORMATION 1
2. SCOPE OF SERVICES 2
3. RESULTS 3
4. SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS 3
5. QUALIFICATIONS OF REPORT 4

FIGURES

Figure 1 - Site Location Map
Figure 2 - Historical Map
Figure 3 - Sample Location Map

TABLES

Table 1 - Summary of Soil Analytical Results
Table 2 - Summary of Groundwater Analytical Results
Table 3 – Summary of Soil-Gas Analytical Results

APPENDIX

HASP Confirmation Sheet
Laboratory Data Sheets and Chain of Custody Record

1. PROJECT INFORMATION

The site is located at 223 Craven Street in New Bern, Craven County, North Carolina (Figure 1). ECS Carolinas, LLP (ECS) was provided with the Executive Summary of a Phase I Environmental Site Assessment (ESA) prepared by Avolis Engineering, P.A. (Avolis). The Executive Summary referenced the following key factors and observations which contributed to the recognized environmental conditions (RECs).

- A dry cleaner operated on the property from 1956 through 2007 with dry-cleaning solvents stored in aboveground storage tanks (ASTs) at the rear of the building.
- Automotive sales and service occurred on the northern adjoining property from 1931 through 1958.
- An automotive sales and machine shop operated on the southern adjoining property dating back to 1958 and an underground storage tank (UST) containing gasoline was located on this property, approximately 15 feet south of the site building from 1931 through 1948. A copy of the historical Sanborn Map is included as Figure 2.

ECS performed a Phase II ESA on the site, dated February 10, 2015 (ECS Project Number 22-22171). ECS performed soil, groundwater, and soil-gas sampling at two locations identified by Avolis to assess the above-mentioned RECs.

- On January 22, 2015, ECS observed and documented the advancement of two soil and groundwater borings and two sub-slab soil-gas borings at the site. The locations of these borings are shown on Figure 3.
- Groundwater was encountered at an approximate depth of six to seven feet below the ground surface (bgs).
- Benzo(a)anthracene and benzo(a)pyrene were detected in a soil sample located off-site and downgradient (B-2), near the former UST, at concentrations exceeding their respective industrial/commercial maximum soil contaminant concentrations (MSCCs). Concentrations of targeted compounds were not detected in the soil sample located on-site near the AST (B-1) at concentrations exceeding their respective MSCCs. The soil sample results are summarized in Table 1.

- Laboratory analysis of a groundwater sample collected near the on-site AST (TW-1) detected targeted volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) at concentrations above laboratory detection limits. 1-methylnaphthalene was detected at a concentration exceeding its North Carolina 2L Groundwater Quality Standards (NC2LGWQS) but not its gross contamination level (GCL). Targeted compounds were not detected above the laboratory detection limit in the groundwater sample collected near the former UST downgradient of the site (TW-2). Groundwater sample results are summarized in Table 2.

A copy of the Phase II ESA was submitted to the North Carolina Department of Environmental and Natural Resources (NCDENR) as notification of a release. The NCDENR provided Mr. Dees with a Notice of Regulatory Requirement (NORR) dated March 17, 2015 requesting a Comprehensive Site Assessment (CSA) to assess the identified petroleum contamination. Due to the possibility of off-site sources for the identified groundwater contamination, ECS submitted an extension request dated April 9, 2015 requesting time to perform limited groundwater

assessment to determine if the groundwater contamination appears to be migrating onto the site from an off-site and upgradient source. The below scope of services and activities were performed to assist in determining the potential source of the groundwater impact.

2. SCOPE OF SERVICES

The environmental assessment consisted of collecting three groundwater samples from temporary GW borings located to the north and west of groundwater sample TW-1. These locations were in a presumed upgradient direction based on the topographic map (Figure 1). Geoprobe® equipment was used to collect the samples. The Geoprobe® consists of a hydraulic jack mounted on an all-terrain vehicle (ATV). The Geoprobe® is capable of driving various forms of groundwater, soil, and soil-gas sampling probes into the ground to depths equivalent of auger refusal. The subcontractor used for this project was Mid Atlantic Drilling, Inc. (MAD). Field activities were conducted on May 20, 2015.

Public Utility Clearance

Prior to commencing with field activities, ECS contacted North Carolina 811 to locate/mark public utilities at the site. Required separation distances between subsurface activities and marked utilities (typically 30-inches) were maintained during the field activities.

Health and Safety Plan

As part of this assessment, ECS prepared a site-specific health and safety plan (HASP) for the site. The HASP documented the known or suspected hazards, applicable personal protective equipment (PPE) of site personnel, and emergency response procedures. Prior to commencing with field activities, ECS site personnel reviewed the site-specific HASP. A copy of the HASP review confirmation sheet is included in the Appendix.

Geoprobe® Groundwater Borings

On May 20, 2015, ECS and MAD mobilized to the site to perform the sampling activities. Groundwater boring TW-3 was installed on the southwestern corner of the site, boring TW-4 was installed north of boring TW-1, and boring TW-5 was installed on the northwestern corner of the site. The groundwater borings were advanced by hydraulically driving a four-foot long, 1.5-inch diameter water-sampling probe into the soil to an approximate depth of thirteen feet bgs. Groundwater was encountered at approximately eight feet bgs.

The groundwater sampling probe is equipped with a stainless steel screen and a disposable drive point. The probe is driven to depth and then the rod is retracted to expose the screen. Groundwater then flows through the screen into the hollow probe rods. The groundwater is pumped to the surface using a peristaltic pump with dedicated plastic tubing lowered through the center of the probe rods. Immediately after collection, the groundwater samples were transferred into sample containers provided by the laboratory. Upon completion of sampling, each boring was properly abandoned.

The groundwater samples were placed into laboratory prepared containers. The sample containers were labeled with ECS project number, sample identification, sample date and time,

and requested analytical analysis. The containers were placed into protective packaging material and placed into a cooler with ice to maintain the samples at approximately 4° Celsius (C°). The groundwater samples were submitted to Pace for chemical analysis. The groundwater samples were analyzed for VOCs using EPA Method 8260 and for semi-volatile organic compounds (SVOCs) using EPA Method 8270. ECS maintained proper chain-of-custody (COC) procedures throughout the sample collection and transportation process. A copy of the COC is included in the Appendix.

3. RESULTS

Laboratory analysis detected targeted VOCs at concentrations above laboratory detection limits in samples TW-3 through TW-5. However, 1-methylnaphthalene, which was detected in sample TW-1 at a concentration exceeding its NC2LGWQS, was not detected in samples TW-3, TW-4, or TW-5. Chlorobenzene was detected in sample TW-3 at a concentration exceeding its NC2LGWQS; however, the concentration did not exceed its GCL. Chlorobenzene was also detected in sample TW-4 and prior sample TW-1; however, the concentrations did not exceed its NC2LGWQS. A summary of the groundwater sample analytical results is provided in Table 2. The laboratory analytical data sheets and Chain of Custody Records are included in the Appendix.

On June 10, 2015, ECS discussed the site results with the NCDENR incident manager, Ms. Sylvia Hunneke. Ms. Hunneke agreed with recommendations to install three permanent groundwater monitoring wells on the site with one installed in the location of TW-1 and one in the location of TW-3. Ms. Hunneke also agreed to a 90 day extension for completion of the CSA with the due date of September 10, 2015.

4. SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

Upon completion of this, ECS summarizes and concludes the following:

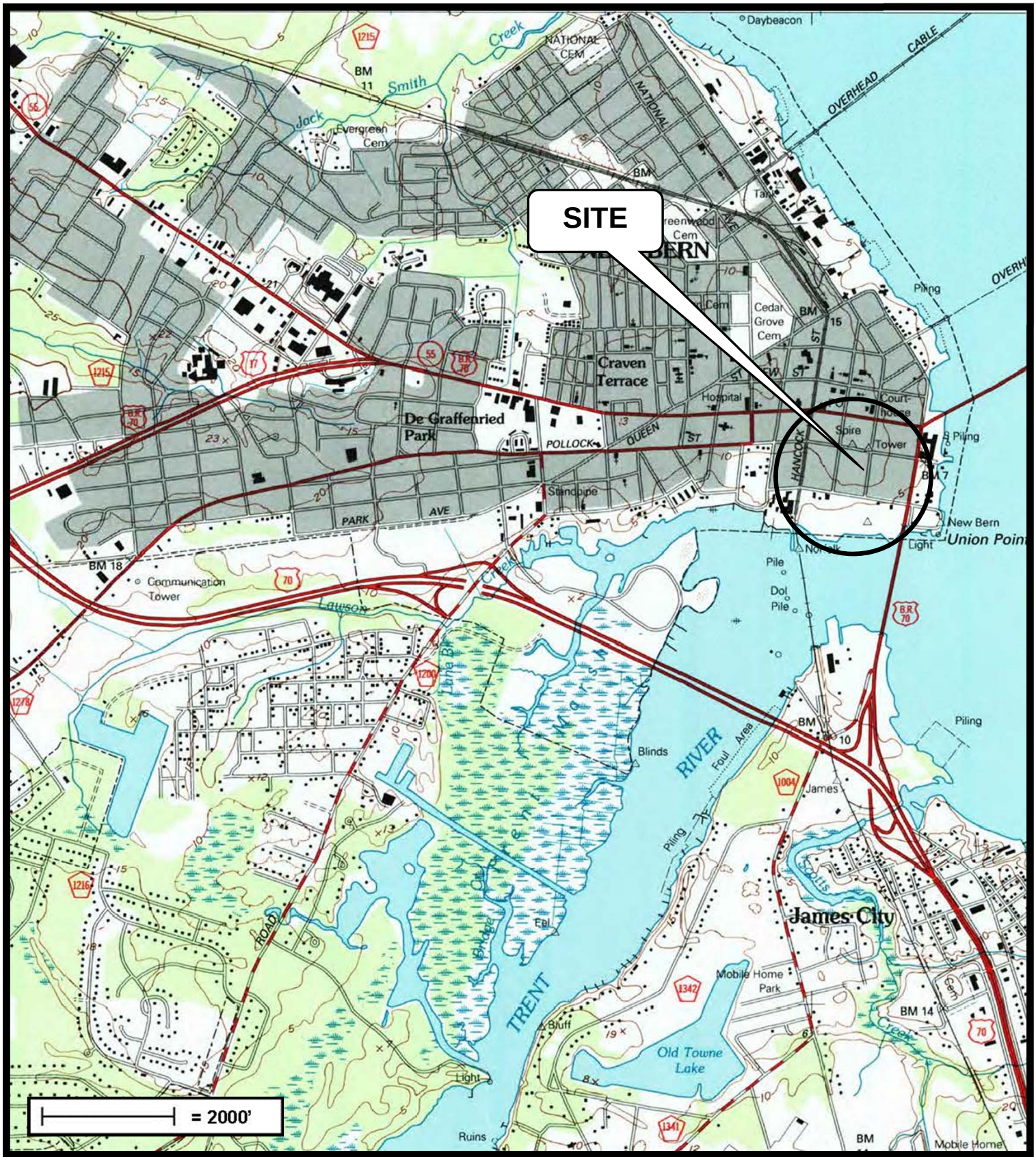
- The on-site groundwater contains concentrations of chlorobenzene and 1-methylnapthalene at concentrations that exceed the NC2LGWQS.
- The 1-methylnapthalene concentration was greatest adjacent to the AST used to formerly store dry- cleaning petroleum solvents.
- The chlorobenzene concentration was greatest on the southwestern corner of the site, in a presumed upgradient direction of the on-site AST.

Based on the results of the assessment, ECS recommends the following:

- ECS recommends installing three permanent groundwater wells on the site as part of the CSA.

5. QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in environmental assessment projects of this type. Our evaluation of site conditions has been based on our understanding of the site project information and the data obtained during our field activities. This report was prepared for the express use of Avolis Engineering. Use of this report by other individuals or companies implies their acceptance of the General Conditions of Service of the original contract.

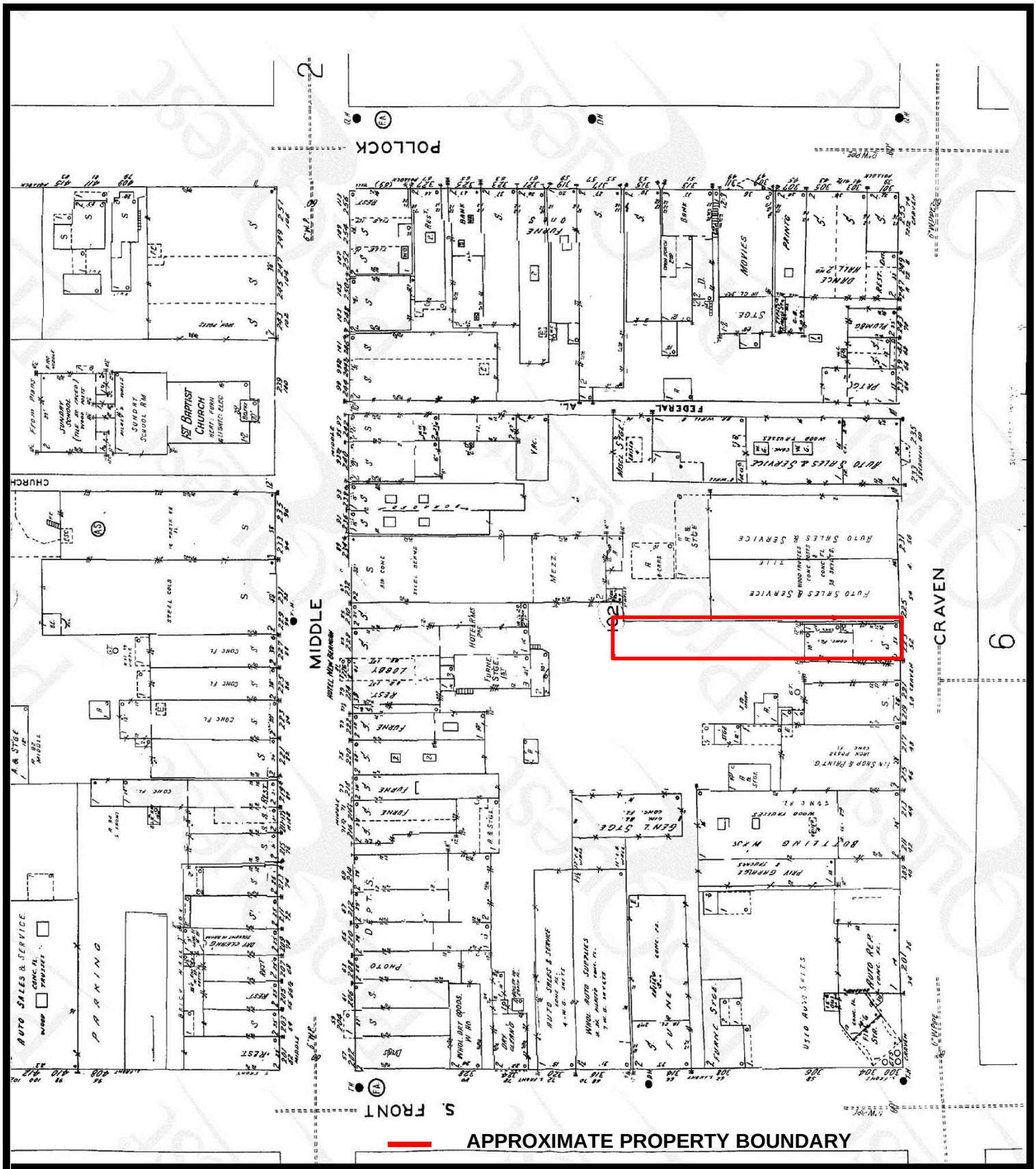


SOURCE:

UNITED STATES GEOLOGICAL SURVEY 7.5-MINUTE SERIES TOPOGRAPHIC MAP: NEW BERN NORTH CAROLINA, DATED 1994

FIGURE 1
SITE LOCATION MAP

GUSSMAN CLEANERS
223 CRAVEN STREET
NEW BERN, CRAVEN COUNTY, NORTH CAROLINA
ECS PROJECT NO. 22-22171-A



APPROXIMATE PROPERTY BOUNDARY

SOURCE:

1948 SANBORN MAP

NC LIVE

SCALE SHOWN ABOVE

FIGURE 2
HISTORICAL MAP

GUSSMAN CLEANERS
223 CRAVEN STREET
NEW BERN, CRAVEN COUNTY, NORTH CAROLINA
ECS PROJECT NO. 22-22171-A

B-1/TW-1 SOIL/GROUNDWATER SAMPLE LOCATION

SG-1 SOIL-GAS SAMPLE LOCATION

APPROXIMATE PROPERTY BOUNDARY

N
W E
S

SOURCE:

GOOGLE EARTH 2014

SCALE SHOWN ABOVE

FIGURE 3
SAMPLE LOCATION MAP

GUSSMAN CLEANERS
223 CRAVEN STREET
NEW BERN, CRAVEN COUNTY, NORTH CAROLINA
ECS PROJECT NO. 22-22171-A

Table 1
Summary of Soil Analytical Results
Gussman Cleaners
223 Craven Street
New Bern, Craven County, North Carolina
ECS Project Number 22-22171-A

Compound	B-1	B-2	Analytical Method	Soil to Groundwater MSCC (mg/kg)	Industrial/Commercial MSCC (mg/kg)
Acetone	0.113	ND	8260	24	360,000
Benzo(a)anthracene	ND	**8.40**	8270	0.35	8
Benzo(a)pyrene	ND	**8.65**	8270	0.096	0.78
Benzo(b)fluoranthene	ND	7.79	8270	1.2	8
Benzo(g,h,i)perylene	ND	5.46	8270	6400	12,264
Benzo(k)fluoranthene	ND	7.18	8270	12	78
Chrysene	ND	8.95	8270	39	780
Fluoranthene	ND	14.00	8270	290	16,400
Indeno(1,2,3-cd)pyrene	ND	5.09	8270	3.4	8
Phenanthrene	ND	5.45	8270	56	12,264
Pyrene	ND	11.30	8270	270.0	12,264
1,2,4-Trimethylbenzene	0.019	ND	8260	9	20,440
Remainng VOCs	ND	ND	8260	Varies	Varies
Remaining SVOCs	ND	ND	8270	Varies	Varies

Notes:
Parameters reported in milligrams per liter (mg/kg)
MSCC = Maximum Soil Contaminant Concentration
ND = Not Detected,
Bold values represent concentrations above Industrial MSCC Standard
Samples collected on January 22, 2015

Table 2
Summary of Groundwater Analytical Results
Gussman Cleaners
223 Craven Street
New Bern, Craven County, North Carolina
ECS Project Number 22-22171-A

Compound	TW-1	TW-2	TW-3	TW-4	TW-5	Analytical Method	NC2LGWQS
Sample Date	**1/22/15**	**1/22/15**	**5/20/15**	**5/20/15**	**5/20/15**		
sec-Butylbenzene	ND	ND	1.1	ND	ND	8260	70
tert-Butylbenzene	ND	ND	12.2	ND	1.3	8260	70
Chlorobenzene	10.1	ND	**131**	1.0	ND	8260	50
2-Chlorotoluene	ND	ND	1.5	ND	ND	8260	100
1,2-Dichlorobenzene	ND	ND	0.85	ND	ND	8260	20
1,3-Dichlorobenzene	8.4	ND	ND	ND	ND	8260	200
1,4-Dichlorobenzene	1.4	ND	5.2	ND	ND	8260	6
4-Methyl-2-pentanone (MIBK)	28.7	ND	ND	ND	ND	8260	100
o-Xylene	ND	ND	1.4	ND	ND	8260	500
1-Methylnaphthalene	**15.2**	ND	ND	ND	ND	8270	1
Remaining VOCs	ND	ND	ND	ND	ND	8260	Various
Remaining SVOCs	ND	ND	ND	ND	ND	8270	Various

Notes:

ND = Not Detected

Parameters reported in micrograms per liter (ug/L)

Bold values represent concentrations above the North Carolina 2L Groundwater Quatlity Standards (NC2LGWQS)

Table 3
Summary of Soil-Gas Analytical Results
Gussman Cleaners
223 Craven Street
New Bern, Craven County, North Carolina
ECS Project Number 22-22171-A

Parameter	ANALTYCIAL RESULTS	ANALTYCIAL RESULTS	NCDENR IHSB Non-Residential Sub-Slab and Exterior Soil-Gas Screening Level (ug/m3)
Sample ID	**SG-1**	**SG-2**	
Collection Date	**1/22/2015**	**1/22/2015**	
Acetone	34.0	30.1	2,720,000
Benzene	5.7	1.6	1,570
2-Butanone (MEK)	14.1	9.0	438,000
Dichlorodifluoromethane (Freon 12)	3.3	3.0	876
Ethyl acetate	BRL	9.1	6,130
Ethylbenzene	3.4	BRL	4,910
4-Ethyltoluene	2.4	2.2	NS
n-Heptane	5.0	3.8	NS
n-Hexane	11.4	29.6	61,300
2-Hexanone	1.7	BRL	2,630
Methylene Chloride	7.0	33.7	52,600
Propylene	9.6	7.1	263,000
Tetrachloroethene	3.3	3.2	3,500
Tetrahydrofuran	10.9	BRL	175,000
Toluene	14.5	7.8	438,000
1,2,4-Trimethylbenzene	9.4	8.3	613
1,3,5-Trimethylbenzene	2.5	2.1	NS
total Xylenes	18.6	9.1	8,760

Notes:
Results presented in micrograms per cubic meter (ug/m3), analogous to parts per billion (ppb)
BRL = Compound not detected at a concentration above the method reporting limit
North Carolina Department of Environment and Natural Resources, Inactive Hazardous Sites Branch Standard
Compounds not listed were not detected above laboratory reporting limits
NS = No NCDENR IHSB Standard Available

HEALTH AND SAFETY PLAN

PROJECT NO: 22:22171-A
PROJECT NAME: Gussman Cleaners

SITE LOCATION: 223 Craven Street, New Bern, NC
CLIENT: Mr. Charles Dees

REVIEW AND APPROVAL

Principal: Brian Smith
Project Manager: Brooks Wall

DATE OF PLAN PREPARATION: 05-13-15
DATES OF PLANNED FIELD ACTIVITIES: 05-13156 through completion

PLANNED FIELD ACTIVITIES

Soil and groundwater investigation. Collection of samples, field screening, place into laboratory-prepared containers.

SAFETY MEETING CONDUCTED

Location: Site

Date:

EMERGENCY PHONE NUMBERS

Hospital: Carolina East Medical Center
2000 Neuse Blvd, New Bern, NC 28560
Phone: 911 or 252-244-1785

Location for on-site emergency gathering will be determined during Site Safety Meeting.

_____
(Location of on-site emergency gathering)

Emergency Medical System (EMS): 911
Fire: 911
Police: 911

HEALTH AND SAFETY OFFICER: Darrell Henderson (910) 686-9114
ECS CONTACT: Brooks Wall (910) 367-0138

DESCRIPTION OF POTENTIAL HAZARDS

- Fire
- Exposure to petroleum/creosote through inhalation, skin absorption, or ingestion.

PERSONNEL ACCESS

Personnel who attended ECS's site safety meeting and are authorized to enter this site:

1) ECS personnel
2) Mid Atlantic Drilling Personnel.

MONITORING PROCEDURES

Ambient air monitoring for the presence of volatile organic compounds will be performed periodically with a photo-ionization detector (PID). Testing will be conducted for approximately three minutes at a minimum of one test per hour or at other times when site conditions (e.g. evidence of free product, increase in detectable odors, site workers sensitivity) exhibit the need for additional testing. In such a case all site work will cease and the site will be evacuated pending guidance from the Corporate Health and Safety Officer.

DECONTAMINATION (Petroleum products)

Skin	-	wash with soap and water
Clothing	-	wash with detergent and rinse thoroughly
Equipment	-	steam clean or detergent wash

MEDICAL SURVEILLANCE

Avoid frequent or prolonged skin contact. Monitor skin and eyes for dermatitis, allergic reaction, and eye irritation. If these or other systems develop, seek qualified medical attention. Workers with histories of liver, kidney, or nervous disorders should be advised as to possible increased risk.

Symptoms of Acute Exposure to Volatile Organics: High vapor levels can cause irritation of the respiratory tract, headaches, nausea, mental confusion, and loss of consciousness. Liquid contact with skin may cause defatting, drying and irritation. Both vapor and liquid phases are irritating to the eyes.

EMERGENCY PROCEDURES (Petroleum products)

Skin	-	wash with soap and water, rinse well
Inhalation	-	move to fresh air at least 50 feet upwind from vapor source. Seek qualified medical attention.
Eyes	-	flush for a minimum of ten minutes with clean water while holding eyes open. Seek qualified medical attention.
Ingestion	-	do not induce vomiting. If conscious, give water or milk to drink. Seek qualified medical attention.

HEAT STRESS

Symptoms of heat stress include pale, cool or moist skin, excessive sweating, dizziness, nausea, and muscle spasms. Symptoms of heat stroke include red, hot and unusually dry skin, reduced perspiration, nausea, dizziness or confusion, rapid pulse rate and coma. To prevent heat stress, adjust work schedule, provide shaded rest areas, and maintain body fluids.

CLOTHING AND PROTECTIVE GEAR

Nitrile rubber gloves, steel-toed boots, protective eyewear, hard hats, and hearing protection.

**The Project Manager or the Principal Professional should be contacted prior to changes in personal protective equipment usage.

IN THE EVENT OF PERSONNEL INJURY

Provide basic first aid procedures as required, and note time and circumstances of injuries. Call for an ambulance or transport to nearest medical facility. Notify Health and Safety Officer and Principal Project Professional.

IN THE EVENT OF POTENTIAL OR ACTUAL FIRE OR EXPLOSION

Evacuate the area immediately. Assemble in the pre-designated area and conduct a head count of all personnel. Notify fire department. DO NOT attempt to fight the fire. Notify Project Manager.

ACCIDENT REPORTING

Personnel injuries and vehicle accidents should be reported to the Branch Safety Officer within 24 hours of incident.

WORK PRECAUTIONS

1) No smoking, eating, drinking or chewing of gum or tobacco products while on the site. Avoid hand to mouth contact. A designated smoking and break area may be established off-site. Any such facility must be a minimum of 100 feet from any source and shall be tested for flammable gasses and vapors at the start of work and prior to scheduled break periods each day.

2) Hard hats, steel toe boots, and safety glasses are required to be worn at all times within the site. Persons exposed to vehicular traffic will wear warning vests.

3) When the potential exists for skin contact with liquid hydrocarbons, impervious gloves and foot coverings are required to be worn.

4) Decontamination of equipment, clothing and personnel shall be in accordance with the previous section entitled "Decontamination".

5) Prior to the start of work, any ECS employees or Subcontractor personnel shall be briefed on the contents of this plan by the ECS Field Representative.

FIELD REPRESENTATIVE SUMMARY

During the work covered by this Safety Plan, there were:

__No observed violations of the Safety Plan provisions.

__The following violations of the Safety Plan provisions (give details in space below and indicate corrective action taken for each violation noted).

Signature:_____

Field Representative Date

ON-SITE HEALTH AND SAFTEY MEETING

Location:

_____

_____

Attendees:

Printed Name	Signature	Company	Date

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 01, 2015

Amy Conchas
ECS
6714 Netherlands Drive
Wilmington, NC 28405

RE: Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Dear Amy Conchas:
Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
Project Manager

Enclosures

cc: Ms. Amy Conchas, ECS
Brooks Wall, ECS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project:	GUSSMAN CLEANERS
Pace Project No.:	92250854

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92250854001	**TW-3**	EPA 625	BPJ	58	PASI-C
		SM 6200B	CAH	63	PASI-C
92250854002	**TW-4**	EPA 625	BPJ	58	PASI-C
		SM 6200B	CAH	63	PASI-C
92250854003	**TW-5**	EPA 625	BPJ	58	PASI-C
		SM 6200B	CAH	63	PASI-C

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92250854001	**TW-3**					
SM 6200B	sec-Butylbenzene	1.1	ug/L	0.50	05/29/15 16:53	
SM 6200B	tert-Butylbenzene	12.2	ug/L	0.50	05/29/15 16:53	
SM 6200B	Chlorobenzene	131	ug/L	0.50	05/29/15 16:53	
SM 6200B	2-Chlorotoluene	1.5	ug/L	0.50	05/29/15 16:53	
SM 6200B	1,2-Dichlorobenzene	0.85	ug/L	0.50	05/29/15 16:53	
SM 6200B	1,4-Dichlorobenzene	5.2	ug/L	0.50	05/29/15 16:53	
SM 6200B	o-Xylene	1.4	ug/L	0.50	05/29/15 16:53	
92250854002	**TW-4**					
SM 6200B	Chlorobenzene	1.0	ug/L	0.50	05/29/15 01:25	
92250854003	**TW-5**					
SM 6200B	tert-Butylbenzene	1.3	ug/L	0.50	05/29/15 01:41	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-3 **Lab ID: 92250854001** Collected: 05/20/15 11:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Acenaphthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	208-96-8	
Anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	207-08-9	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	108-60-1	
2-Chloronaphthalene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	91-58-7	L2
2-Chlorophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	7005-72-3	
Chrysene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	53-70-3	
3,3'-Dichlorobenzidine	ND	ug/L	25.0	1	05/26/15 18:30	05/29/15 23:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	05/26/15 18:30	05/29/15 23:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	05/26/15 18:30	05/29/15 23:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	206-44-0	
Fluorene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	193-39-5	
Isophorone	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	78-59-1	
Naphthalene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	91-20-3	
Nitrobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	05/26/15 18:30	05/29/15 23:00	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	86-30-6	
Pentachlorophenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	87-86-5	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-3 **Lab ID: 92250854001** Collected: 05/20/15 11:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Phenanthrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	85-01-8	
Phenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	108-95-2	
Pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:00	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:00	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	10-120	1	05/26/15 18:30	05/29/15 23:00	4165-60-0	
2-Fluorobiphenyl (S)	66	%	15-120	1	05/26/15 18:30	05/29/15 23:00	321-60-8	
Terphenyl-d14 (S)	104	%	11-131	1	05/26/15 18:30	05/29/15 23:00	1718-51-0	
Phenol-d6 (S)	29	%	10-120	1	05/26/15 18:30	05/29/15 23:00	13127-88-3	
2-Fluorophenol (S)	42	%	10-120	1	05/26/15 18:30	05/29/15 23:00	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-137	1	05/26/15 18:30	05/29/15 23:00	118-79-6	
6200B MSV	Analytical Method: SM 6200B							
Benzene	ND	ug/L	0.50	1		05/29/15 16:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		05/29/15 16:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		05/29/15 16:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		05/29/15 16:53	75-27-4	
Bromoform	ND	ug/L	0.50	1		05/29/15 16:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/29/15 16:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		05/29/15 16:53	104-51-8	
sec-Butylbenzene	**1.1**	ug/L	0.50	1		05/29/15 16:53	135-98-8	
tert-Butylbenzene	**12.2**	ug/L	0.50	1		05/29/15 16:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		05/29/15 16:53	56-23-5	
Chlorobenzene	**131**	ug/L	0.50	1		05/29/15 16:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/29/15 16:53	75-00-3	
Chloroform	ND	ug/L	0.50	1		05/29/15 16:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/29/15 16:53	74-87-3	
2-Chlorotoluene	**1.5**	ug/L	0.50	1		05/29/15 16:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		05/29/15 16:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		05/29/15 16:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		05/29/15 16:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		05/29/15 16:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		05/29/15 16:53	74-95-3	
1,2-Dichlorobenzene	**0.85**	ug/L	0.50	1		05/29/15 16:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 16:53	541-73-1	
1,4-Dichlorobenzene	**5.2**	ug/L	0.50	1		05/29/15 16:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		05/29/15 16:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		05/29/15 16:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		05/29/15 16:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		05/29/15 16:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		05/29/15 16:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		05/29/15 16:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		05/29/15 16:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		05/29/15 16:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		05/29/15 16:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		05/29/15 16:53	563-58-6	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-3 **Lab ID: 92250854001** Collected: 05/20/15 11:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B							
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		05/29/15 16:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		05/29/15 16:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		05/29/15 16:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		05/29/15 16:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		05/29/15 16:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		05/29/15 16:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		05/29/15 16:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		05/29/15 16:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		05/29/15 16:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		05/29/15 16:53	103-65-1	
Styrene	ND	ug/L	0.50	1		05/29/15 16:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		05/29/15 16:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		05/29/15 16:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		05/29/15 16:53	127-18-4	
Toluene	ND	ug/L	0.50	1		05/29/15 16:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		05/29/15 16:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		05/29/15 16:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		05/29/15 16:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		05/29/15 16:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		05/29/15 16:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/29/15 16:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		05/29/15 16:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		05/29/15 16:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		05/29/15 16:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		05/29/15 16:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		05/29/15 16:53	179601-23-1	
o-Xylene	**1.4**	ug/L	0.50	1		05/29/15 16:53	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		05/29/15 16:53	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		05/29/15 16:53	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		05/29/15 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-4 **Lab ID: 92250854002** Collected: 05/20/15 12:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Acenaphthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	208-96-8	
Anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	207-08-9	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	108-60-1	
2-Chloronaphthalene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	91-58-7	L2
2-Chlorophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	7005-72-3	
Chrysene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	53-70-3	
3,3'-Dichlorobenzidine	ND	ug/L	25.0	1	05/26/15 18:30	05/29/15 23:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	05/26/15 18:30	05/29/15 23:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	05/26/15 18:30	05/29/15 23:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	206-44-0	
Fluorene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	193-39-5	
Isophorone	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	78-59-1	
Naphthalene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	91-20-3	
Nitrobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	05/26/15 18:30	05/29/15 23:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	86-30-6	
Pentachlorophenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	87-86-5	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-4 **Lab ID: 92250854002** Collected: 05/20/15 12:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Phenanthrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	85-01-8	
Phenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	108-95-2	
Pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:28	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	40	%	10-120	1	05/26/15 18:30	05/29/15 23:28	4165-60-0	
2-Fluorobiphenyl (S)	32	%	15-120	1	05/26/15 18:30	05/29/15 23:28	321-60-8	
Terphenyl-d14 (S)	57	%	11-131	1	05/26/15 18:30	05/29/15 23:28	1718-51-0	
Phenol-d6 (S)	13	%	10-120	1	05/26/15 18:30	05/29/15 23:28	13127-88-3	
2-Fluorophenol (S)	20	%	10-120	1	05/26/15 18:30	05/29/15 23:28	367-12-4	
2,4,6-Tribromophenol (S)	47	%	10-137	1	05/26/15 18:30	05/29/15 23:28	118-79-6	
6200B MSV	Analytical Method: SM 6200B							
Benzene	ND	ug/L	0.50	1		05/29/15 01:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		05/29/15 01:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		05/29/15 01:25	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		05/29/15 01:25	75-27-4	
Bromoform	ND	ug/L	0.50	1		05/29/15 01:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/29/15 01:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		05/29/15 01:25	56-23-5	
Chlorobenzene	**1.0**	ug/L	0.50	1		05/29/15 01:25	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/29/15 01:25	75-00-3	
Chloroform	ND	ug/L	0.50	1		05/29/15 01:25	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/29/15 01:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		05/29/15 01:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		05/29/15 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		05/29/15 01:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		05/29/15 01:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		05/29/15 01:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		05/29/15 01:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 01:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 01:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 01:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		05/29/15 01:25	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	0.50	1		05/29/15 01:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		05/29/15 01:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		05/29/15 01:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		05/29/15 01:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		05/29/15 01:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		05/29/15 01:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		05/29/15 01:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		05/29/15 01:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		05/29/15 01:25	563-58-6	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-4 **Lab ID: 92250854002** Collected: 05/20/15 12:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B							
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		05/29/15 01:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		05/29/15 01:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		05/29/15 01:25	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		05/29/15 01:25	87-68-3	L3
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		05/29/15 01:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		05/29/15 01:25	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		05/29/15 01:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		05/29/15 01:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	103-65-1	
Styrene	ND	ug/L	0.50	1		05/29/15 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		05/29/15 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		05/29/15 01:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		05/29/15 01:25	127-18-4	
Toluene	ND	ug/L	0.50	1		05/29/15 01:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		05/29/15 01:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		05/29/15 01:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		05/29/15 01:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		05/29/15 01:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		05/29/15 01:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/29/15 01:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		05/29/15 01:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		05/29/15 01:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		05/29/15 01:25	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		05/29/15 01:25	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		05/29/15 01:25	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		05/29/15 01:25	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130	1		05/29/15 01:25	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		05/29/15 01:25	2037-26-5	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-5 **Lab ID: 92250854003** Collected: 05/20/15 13:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Acenaphthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	208-96-8	
Anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	207-08-9	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	108-60-1	
2-Chloronaphthalene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	91-58-7	L2
2-Chlorophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	7005-72-3	
Chrysene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	53-70-3	
3,3'-Dichlorobenzidine	ND	ug/L	25.0	1	05/26/15 18:30	05/29/15 23:56	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	05/26/15 18:30	05/29/15 23:56	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	05/26/15 18:30	05/29/15 23:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	206-44-0	
Fluorene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	193-39-5	
Isophorone	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	78-59-1	
Naphthalene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	91-20-3	
Nitrobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	05/26/15 18:30	05/29/15 23:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	86-30-6	
Pentachlorophenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	87-86-5	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-5 **Lab ID: 92250854003** Collected: 05/20/15 13:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Phenanthrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	85-01-8	
Phenol	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	108-95-2	
Pyrene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	05/26/15 18:30	05/29/15 23:56	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	05/26/15 18:30	05/29/15 23:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	94	%	10-120	1	05/26/15 18:30	05/29/15 23:56	4165-60-0	
2-Fluorobiphenyl (S)	78	%	15-120	1	05/26/15 18:30	05/29/15 23:56	321-60-8	
Terphenyl-d14 (S)	111	%	11-131	1	05/26/15 18:30	05/29/15 23:56	1718-51-0	
Phenol-d6 (S)	35	%	10-120	1	05/26/15 18:30	05/29/15 23:56	13127-88-3	
2-Fluorophenol (S)	51	%	10-120	1	05/26/15 18:30	05/29/15 23:56	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-137	1	05/26/15 18:30	05/29/15 23:56	118-79-6	
6200B MSV	Analytical Method: SM 6200B							
Benzene	ND	ug/L	0.50	1		05/29/15 01:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		05/29/15 01:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		05/29/15 01:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		05/29/15 01:41	75-27-4	
Bromoform	ND	ug/L	0.50	1		05/29/15 01:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/29/15 01:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		05/29/15 01:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		05/29/15 01:41	135-98-8	
tert-Butylbenzene	**1.3**	ug/L	0.50	1		05/29/15 01:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		05/29/15 01:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		05/29/15 01:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/29/15 01:41	75-00-3	
Chloroform	ND	ug/L	0.50	1		05/29/15 01:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/29/15 01:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		05/29/15 01:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		05/29/15 01:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		05/29/15 01:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		05/29/15 01:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		05/29/15 01:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		05/29/15 01:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 01:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 01:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		05/29/15 01:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		05/29/15 01:41	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	0.50	1		05/29/15 01:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		05/29/15 01:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		05/29/15 01:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		05/29/15 01:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		05/29/15 01:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		05/29/15 01:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		05/29/15 01:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		05/29/15 01:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		05/29/15 01:41	563-58-6	

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ANALYTICAL RESULTS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Sample: TW-5 **Lab ID: 92250854003** Collected: 05/20/15 13:00 Received: 05/21/15 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B							
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		05/29/15 01:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		05/29/15 01:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		05/29/15 01:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		05/29/15 01:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		05/29/15 01:41	87-68-3	L3
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		05/29/15 01:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		05/29/15 01:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		05/29/15 01:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		05/29/15 01:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		05/29/15 01:41	103-65-1	
Styrene	ND	ug/L	0.50	1		05/29/15 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		05/29/15 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		05/29/15 01:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		05/29/15 01:41	127-18-4	
Toluene	ND	ug/L	0.50	1		05/29/15 01:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		05/29/15 01:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		05/29/15 01:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		05/29/15 01:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		05/29/15 01:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		05/29/15 01:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/29/15 01:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		05/29/15 01:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		05/29/15 01:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		05/29/15 01:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		05/29/15 01:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		05/29/15 01:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		05/29/15 01:41	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		05/29/15 01:41	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130	1		05/29/15 01:41	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		05/29/15 01:41	2037-26-5	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

QC Batch: MSV/31910 | Analysis Method: SM 6200B
QC Batch Method: SM 6200B | Analysis Description: 6200B MSV
Associated Lab Samples: 92250854002, 92250854003

METHOD BLANK: 1469964 | Matrix: Water
Associated Lab Samples: 92250854002, 92250854003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	05/29/15 01:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	05/29/15 01:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	05/29/15 01:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	05/29/15 01:08	
1,1-Dichloroethane	ug/L	ND	0.50	05/29/15 01:08	
1,1-Dichloroethene	ug/L	ND	0.50	05/29/15 01:08	
1,1-Dichloropropene	ug/L	ND	0.50	05/29/15 01:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	05/29/15 01:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	05/29/15 01:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	05/29/15 01:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	05/29/15 01:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	05/29/15 01:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	05/29/15 01:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	05/29/15 01:08	
1,2-Dichloroethane	ug/L	ND	0.50	05/29/15 01:08	
1,2-Dichloropropane	ug/L	ND	0.50	05/29/15 01:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	05/29/15 01:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	05/29/15 01:08	
1,3-Dichloropropane	ug/L	ND	0.50	05/29/15 01:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	05/29/15 01:08	
2,2-Dichloropropane	ug/L	ND	0.50	05/29/15 01:08	
2-Chlorotoluene	ug/L	ND	0.50	05/29/15 01:08	
4-Chlorotoluene	ug/L	ND	0.50	05/29/15 01:08	
Benzene	ug/L	ND	0.50	05/29/15 01:08	
Bromobenzene	ug/L	ND	0.50	05/29/15 01:08	
Bromochloromethane	ug/L	ND	0.50	05/29/15 01:08	
Bromodichloromethane	ug/L	ND	0.50	05/29/15 01:08	
Bromoform	ug/L	ND	0.50	05/29/15 01:08	
Bromomethane	ug/L	ND	5.0	05/29/15 01:08	
Carbon tetrachloride	ug/L	ND	0.50	05/29/15 01:08	
Chlorobenzene	ug/L	ND	0.50	05/29/15 01:08	
Chloroethane	ug/L	ND	1.0	05/29/15 01:08	
Chloroform	ug/L	ND	0.50	05/29/15 01:08	
Chloromethane	ug/L	ND	1.0	05/29/15 01:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	05/29/15 01:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	05/29/15 01:08	
Dibromochloromethane	ug/L	ND	0.50	05/29/15 01:08	
Dibromomethane	ug/L	ND	0.50	05/29/15 01:08	
Dichlorodifluoromethane	ug/L	ND	0.50	05/29/15 01:08	
Diisopropyl ether	ug/L	ND	0.50	05/29/15 01:08	
Ethylbenzene	ug/L	ND	0.50	05/29/15 01:08	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

METHOD BLANK: 1469964 Matrix: Water
Associated Lab Samples: 92250854002, 92250854003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	2.0	05/29/15 01:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	05/29/15 01:08	
m&p-Xylene	ug/L	ND	1.0	05/29/15 01:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	05/29/15 01:08	
Methylene Chloride	ug/L	ND	2.0	05/29/15 01:08	
n-Butylbenzene	ug/L	ND	0.50	05/29/15 01:08	
n-Propylbenzene	ug/L	ND	0.50	05/29/15 01:08	
Naphthalene	ug/L	ND	2.0	05/29/15 01:08	
o-Xylene	ug/L	ND	0.50	05/29/15 01:08	
sec-Butylbenzene	ug/L	ND	0.50	05/29/15 01:08	
Styrene	ug/L	ND	0.50	05/29/15 01:08	
tert-Butylbenzene	ug/L	ND	0.50	05/29/15 01:08	
Tetrachloroethene	ug/L	ND	0.50	05/29/15 01:08	
Toluene	ug/L	ND	0.50	05/29/15 01:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	05/29/15 01:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	05/29/15 01:08	
Trichloroethene	ug/L	ND	0.50	05/29/15 01:08	
Trichlorofluoromethane	ug/L	ND	1.0	05/29/15 01:08	
Vinyl chloride	ug/L	ND	1.0	05/29/15 01:08	
1,2-Dichloroethane-d4 (S)	%	100	70-130	05/29/15 01:08	
4-Bromofluorobenzene (S)	%	102	70-130	05/29/15 01:08	
Toluene-d8 (S)	%	101	70-130	05/29/15 01:08	

LABORATORY CONTROL SAMPLE: 1469965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	61.4	123	60-140	
1,1,1-Trichloroethane	ug/L	50	58.8	118	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	56.2	112	60-140	
1,1,2-Trichloroethane	ug/L	50	54.7	109	60-140	
1,1-Dichloroethane	ug/L	50	52.9	106	60-140	
1,1-Dichloroethene	ug/L	50	54.7	109	60-140	
1,1-Dichloropropene	ug/L	50	59.5	119	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.7	113	60-140	
1,2,3-Trichloropropane	ug/L	50	56.9	114	60-140	
1,2,4-Trichlorobenzene	ug/L	50	56.4	113	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.4	113	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.9	112	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.9	118	60-140	
1,2-Dichlorobenzene	ug/L	50	54.7	109	60-140	
1,2-Dichloroethane	ug/L	50	51.8	104	60-140	
1,2-Dichloropropane	ug/L	50	53.9	108	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.3	113	60-140	
1,3-Dichlorobenzene	ug/L	50	53.7	107	60-140	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

LABORATORY CONTROL SAMPLE: 1469965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	55.2	110	60-140	
1,4-Dichlorobenzene	ug/L	50	52.6	105	60-140	
2,2-Dichloropropane	ug/L	50	52.9	106	60-140	
2-Chlorotoluene	ug/L	50	53.4	107	60-140	
4-Chlorotoluene	ug/L	50	53.7	107	60-140	
Benzene	ug/L	50	54.8	110	60-140	
Bromobenzene	ug/L	50	53.6	107	60-140	
Bromochloromethane	ug/L	50	53.2	106	60-140	
Bromodichloromethane	ug/L	50	53.7	107	60-140	
Bromoform	ug/L	50	49.5	99	60-140	
Bromomethane	ug/L	50	56.6	113	60-140	
Carbon tetrachloride	ug/L	50	67.2	134	60-140	
Chlorobenzene	ug/L	50	53.0	106	60-140	
Chloroethane	ug/L	50	54.6	109	60-140	
Chloroform	ug/L	50	49.1	98	60-140	
Chloromethane	ug/L	50	59.0	118	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.2	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	60.2	120	60-140	
Dibromochloromethane	ug/L	50	57.5	115	60-140	
Dibromomethane	ug/L	50	53.4	107	60-140	
Dichlorodifluoromethane	ug/L	50	72.9	146	60-140	L0
Diisopropyl ether	ug/L	50	52.6	105	60-140	
Ethylbenzene	ug/L	50	55.3	111	60-140	
Hexachloro-1,3-butadiene	ug/L	50	71.1	142	60-140	L0
Isopropylbenzene (Cumene)	ug/L	50	60.7	121	60-140	
m&p-Xylene	ug/L	100	111	111	60-140	
Methyl-tert-butyl ether	ug/L	50	50.9	102	60-140	
Methylene Chloride	ug/L	50	57.0	114	60-140	
n-Butylbenzene	ug/L	50	57.7	115	60-140	
n-Propylbenzene	ug/L	50	56.2	112	60-140	
Naphthalene	ug/L	50	58.9	118	60-140	
o-Xylene	ug/L	50	55.0	110	60-140	
sec-Butylbenzene	ug/L	50	61.7	123	60-140	
Styrene	ug/L	50	58.7	117	60-140	
tert-Butylbenzene	ug/L	50	49.6	99	60-140	
Tetrachloroethene	ug/L	50	55.6	111	60-140	
Toluene	ug/L	50	53.3	107	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	61.3	123	60-140	
Trichloroethene	ug/L	50	52.3	105	60-140	
Trichlorofluoromethane	ug/L	50	63.0	126	60-140	
Vinyl chloride	ug/L	50	59.4	119	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1469966 1469967

Parameter	Units	92251034007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.0	24.0	120	120	60-140	0	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.7	25.1	128	126	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.3	23.1	117	116	60-140	1	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.0	22.3	115	111	60-140	3	
1,1-Dichloroethane	ug/L	ND	20	20	23.4	22.6	117	113	60-140	4	
1,1-Dichloroethene	ug/L	ND	20	20	24.9	24.3	125	122	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	26.7	26.0	134	130	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.8	25.6	124	128	60-140	3	
1,2,3-Trichloropropane	ug/L	ND	20	20	23.5	23.9	117	120	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.4	24.1	122	120	60-140	2	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	24.3	24.2	121	121	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.5	22.4	107	112	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.1	24.0	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.9	23.3	114	116	60-140	2	
1,2-Dichloroethane	ug/L	ND	20	20	22.4	21.6	112	108	60-140	4	
1,2-Dichloropropane	ug/L	ND	20	20	22.8	22.4	114	112	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	24.3	24.3	122	122	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.9	23.0	115	115	60-140	0	
1,3-Dichloropropane	ug/L	ND	20	20	22.9	22.8	115	114	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.4	22.6	112	113	60-140	1	
2,2-Dichloropropane	ug/L	ND	20	20	25.0	24.7	125	123	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	23.1	23.1	115	115	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	23.3	23.3	117	116	60-140	0	
Benzene	ug/L	ND	20	20	23.6	23.1	118	115	60-140	2	
Bromobenzene	ug/L	ND	20	20	24.6	23.2	123	116	60-140	6	
Bromochloromethane	ug/L	ND	20	20	23.1	22.5	116	112	60-140	3	
Bromodichloromethane	ug/L	ND	20	20	21.8	20.7	109	104	60-140	5	
Bromoform	ug/L	ND	20	20	18.6	18.4	93	92	60-140	1	
Bromomethane	ug/L	ND	20	20	20.5	19.8	102	99	60-140	3	
Carbon tetrachloride	ug/L	ND	20	20	27.9	27.4	140	137	60-140	2	
Chlorobenzene	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	
Chloroethane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	
Chloroform	ug/L	ND	20	20	21.2	20.8	106	104	60-140	2	
Chloromethane	ug/L	ND	20	20	26.7	24.2	133	121	60-140	10	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.9	22.5	115	112	60-140	2	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.5	23.1	117	115	60-140	2	
Dibromochloromethane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	
Dibromomethane	ug/L	ND	20	20	22.2	22.0	111	110	60-140	1	
Dichlorodifluoromethane	ug/L	ND	20	20	33.4	32.5	167	162	60-140	3	M0
Diisopropyl ether	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	
Ethylbenzene	ug/L	ND	20	20	24.2	23.9	121	120	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	30.3	31.2	152	156	60-140	3	M0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.9	25.3	129	127	60-140	2	
m&p-Xylene	ug/L	ND	40	40	48.0	47.9	120	120	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.8	21.2	109	106	60-140	3	
Methylene Chloride	ug/L	ND	20	20	21.8	21.3	109	106	60-140	3	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1469966 1469967

Parameter	Units	92251034007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	20	20	24.5	24.4	122	122	60-140	1	
n-Propylbenzene	ug/L	ND	20	20	24.6	24.6	123	123	60-140	0	
Naphthalene	ug/L	ND	20	20	24.8	25.4	124	127	60-140	3	
o-Xylene	ug/L	ND	20	20	23.3	23.0	117	115	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	26.2	26.2	131	131	60-140	0	
Styrene	ug/L	ND	20	20	24.2	24.0	121	120	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	21.3	21.5	106	107	60-140	1	
Tetrachloroethene	ug/L	ND	20	20	24.0	23.6	120	118	60-140	2	
Toluene	ug/L	ND	20	20	23.1	22.8	115	114	60-140	1	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.4	22.7	117	114	60-140	3	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	23.0	119	115	60-140	3	
Trichloroethene	ug/L	ND	20	20	22.4	22.1	112	110	60-140	1	
Trichlorofluoromethane	ug/L	ND	20	20	29.0	27.9	145	139	60-140	4	M1
Vinyl chloride	ug/L	ND	20	20	26.9	26.1	135	130	60-140	3	
1,2-Dichloroethane-d4 (S)	%						100	97	70-130		
4-Bromofluorobenzene (S)	%						101	99	70-130		
Toluene-d8 (S)	%						100	100	70-130		

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

QC Batch: MSV/31923
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Associated Lab Samples: 92250854001

METHOD BLANK: 1470867
Matrix: Water
Associated Lab Samples: 92250854001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	05/29/15 16:36	
1,1,1-Trichloroethane	ug/L	ND	0.50	05/29/15 16:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	05/29/15 16:36	
1,1,2-Trichloroethane	ug/L	ND	0.50	05/29/15 16:36	
1,1-Dichloroethane	ug/L	ND	0.50	05/29/15 16:36	
1,1-Dichloroethene	ug/L	ND	0.50	05/29/15 16:36	
1,1-Dichloropropene	ug/L	ND	0.50	05/29/15 16:36	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	05/29/15 16:36	
1,2,3-Trichloropropane	ug/L	ND	0.50	05/29/15 16:36	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	05/29/15 16:36	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	05/29/15 16:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	05/29/15 16:36	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	05/29/15 16:36	
1,2-Dichlorobenzene	ug/L	ND	0.50	05/29/15 16:36	
1,2-Dichloroethane	ug/L	ND	0.50	05/29/15 16:36	
1,2-Dichloropropane	ug/L	ND	0.50	05/29/15 16:36	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	05/29/15 16:36	
1,3-Dichlorobenzene	ug/L	ND	0.50	05/29/15 16:36	
1,3-Dichloropropane	ug/L	ND	0.50	05/29/15 16:36	
1,4-Dichlorobenzene	ug/L	ND	0.50	05/29/15 16:36	
2,2-Dichloropropane	ug/L	ND	0.50	05/29/15 16:36	
2-Chlorotoluene	ug/L	ND	0.50	05/29/15 16:36	
4-Chlorotoluene	ug/L	ND	0.50	05/29/15 16:36	
Benzene	ug/L	ND	0.50	05/29/15 16:36	
Bromobenzene	ug/L	ND	0.50	05/29/15 16:36	
Bromochloromethane	ug/L	ND	0.50	05/29/15 16:36	
Bromodichloromethane	ug/L	ND	0.50	05/29/15 16:36	
Bromoform	ug/L	ND	0.50	05/29/15 16:36	
Bromomethane	ug/L	ND	5.0	05/29/15 16:36	
Carbon tetrachloride	ug/L	ND	0.50	05/29/15 16:36	
Chlorobenzene	ug/L	ND	0.50	05/29/15 16:36	
Chloroethane	ug/L	ND	1.0	05/29/15 16:36	
Chloroform	ug/L	ND	0.50	05/29/15 16:36	
Chloromethane	ug/L	ND	1.0	05/29/15 16:36	
cis-1,2-Dichloroethene	ug/L	ND	0.50	05/29/15 16:36	
cis-1,3-Dichloropropene	ug/L	ND	0.50	05/29/15 16:36	
Dibromochloromethane	ug/L	ND	0.50	05/29/15 16:36	
Dibromomethane	ug/L	ND	0.50	05/29/15 16:36	
Dichlorodifluoromethane	ug/L	ND	0.50	05/29/15 16:36	
Diisopropyl ether	ug/L	ND	0.50	05/29/15 16:36	
Ethylbenzene	ug/L	ND	0.50	05/29/15 16:36	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

METHOD BLANK: 1470867 Matrix: Water
Associated Lab Samples: 92250854001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	2.0	05/29/15 16:36	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	05/29/15 16:36	
m&p-Xylene	ug/L	ND	1.0	05/29/15 16:36	
Methyl-tert-butyl ether	ug/L	ND	0.50	05/29/15 16:36	
Methylene Chloride	ug/L	ND	2.0	05/29/15 16:36	
n-Butylbenzene	ug/L	ND	0.50	05/29/15 16:36	
n-Propylbenzene	ug/L	ND	0.50	05/29/15 16:36	
Naphthalene	ug/L	ND	2.0	05/29/15 16:36	
o-Xylene	ug/L	ND	0.50	05/29/15 16:36	
sec-Butylbenzene	ug/L	ND	0.50	05/29/15 16:36	
Styrene	ug/L	ND	0.50	05/29/15 16:36	
tert-Butylbenzene	ug/L	ND	0.50	05/29/15 16:36	
Tetrachloroethene	ug/L	ND	0.50	05/29/15 16:36	
Toluene	ug/L	ND	0.50	05/29/15 16:36	
trans-1,2-Dichloroethene	ug/L	ND	0.50	05/29/15 16:36	
trans-1,3-Dichloropropene	ug/L	ND	0.50	05/29/15 16:36	
Trichloroethene	ug/L	ND	0.50	05/29/15 16:36	
Trichlorofluoromethane	ug/L	ND	1.0	05/29/15 16:36	
Vinyl chloride	ug/L	ND	1.0	05/29/15 16:36	
1,2-Dichloroethane-d4 (S)	%	99	70-130	05/29/15 16:36	
4-Bromofluorobenzene (S)	%	101	70-130	05/29/15 16:36	
Toluene-d8 (S)	%	101	70-130	05/29/15 16:36	

LABORATORY CONTROL SAMPLE: 1470868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	60.4	121	60-140	
1,1,1-Trichloroethane	ug/L	50	57.9	116	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	57.0	114	60-140	
1,1,2-Trichloroethane	ug/L	50	54.7	109	60-140	
1,1-Dichloroethane	ug/L	50	52.9	106	60-140	
1,1-Dichloroethene	ug/L	50	53.1	106	60-140	
1,1-Dichloropropene	ug/L	50	58.7	117	60-140	
1,2,3-Trichlorobenzene	ug/L	50	60.9	122	60-140	
1,2,3-Trichloropropane	ug/L	50	57.0	114	60-140	
1,2,4-Trichlorobenzene	ug/L	50	59.0	118	60-140	
1,2,4-Trimethylbenzene	ug/L	50	57.1	114	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.2	112	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	59.0	118	60-140	
1,2-Dichlorobenzene	ug/L	50	55.8	112	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	53.8	108	60-140	
1,3,5-Trimethylbenzene	ug/L	50	57.0	114	60-140	
1,3-Dichlorobenzene	ug/L	50	55.5	111	60-140	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

LABORATORY CONTROL SAMPLE: 1470868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	55.0	110	60-140	
1,4-Dichlorobenzene	ug/L	50	53.3	107	60-140	
2,2-Dichloropropane	ug/L	50	60.1	120	60-140	
2-Chlorotoluene	ug/L	50	53.8	108	60-140	
4-Chlorotoluene	ug/L	50	54.5	109	60-140	
Benzene	ug/L	50	54.0	108	60-140	
Bromobenzene	ug/L	50	54.4	109	60-140	
Bromochloromethane	ug/L	50	53.3	107	60-140	
Bromodichloromethane	ug/L	50	53.0	106	60-140	
Bromoform	ug/L	50	48.5	97	60-140	
Bromomethane	ug/L	50	58.9	118	60-140	
Carbon tetrachloride	ug/L	50	64.5	129	60-140	
Chlorobenzene	ug/L	50	52.7	105	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	55.2	110	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	60.7	121	60-140	
Dibromochloromethane	ug/L	50	57.3	115	60-140	
Dibromomethane	ug/L	50	53.0	106	60-140	
Dichlorodifluoromethane	ug/L	50	66.6	133	60-140	
Diisopropyl ether	ug/L	50	52.3	105	60-140	
Ethylbenzene	ug/L	50	55.2	110	60-140	
Hexachloro-1,3-butadiene	ug/L	50	70.1	140	60-140	
Isopropylbenzene (Cumene)	ug/L	50	59.6	119	60-140	
m&p-Xylene	ug/L	100	109	109	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	56.6	113	60-140	
n-Butylbenzene	ug/L	50	59.2	118	60-140	
n-Propylbenzene	ug/L	50	57.0	114	60-140	
Naphthalene	ug/L	50	62.7	125	60-140	
o-Xylene	ug/L	50	54.8	110	60-140	
sec-Butylbenzene	ug/L	50	61.1	122	60-140	
Styrene	ug/L	50	58.5	117	60-140	
tert-Butylbenzene	ug/L	50	49.5	99	60-140	
Tetrachloroethene	ug/L	50	55.2	110	60-140	
Toluene	ug/L	50	53.0	106	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	62.4	125	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	59.7	119	60-140	
Vinyl chloride	ug/L	50	57.6	115	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1470869 1470870

Parameter	Units	92251072008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.8	22.5	109	113	60-140	3	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.4	23.8	117	119	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.5	23.2	108	116	60-140	7	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.9	22.4	110	112	60-140	2	
1,1-Dichloroethane	ug/L	ND	20	20	22.6	22.9	113	115	60-140	2	
1,1-Dichloroethene	ug/L	ND	20	20	23.8	24.3	119	121	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	25.7	26.3	129	132	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.4	25.6	112	128	60-140	13	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.0	22.5	110	112	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.0	24.5	115	122	60-140	6	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	24.1	24.1	121	121	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.5	21.3	92	106	60-140	14	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.3	114	117	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.7	23.2	114	116	60-140	2	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	20.5	100	102	60-140	2	
1,2-Dichloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	24.1	24.2	121	121	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.5	22.8	112	114	60-140	1	
1,3-Dichloropropane	ug/L	ND	20	20	22.6	22.3	113	111	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.2	22.3	111	111	60-140	0	
2,2-Dichloropropane	ug/L	ND	20	20	20.6	21.7	103	108	60-140	5	
2-Chlorotoluene	ug/L	ND	20	20	23.3	22.9	117	115	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	23.2	23.0	116	115	60-140	1	
Benzene	ug/L	ND	20	20	23.3	23.5	116	117	60-140	1	
Bromobenzene	ug/L	ND	20	20	23.6	23.6	118	118	60-140	0	
Bromochloromethane	ug/L	ND	20	20	22.2	22.8	111	114	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.6	19.9	98	100	60-140	1	
Bromoform	ug/L	ND	20	20	17.0	18.2	85	91	60-140	7	
Bromomethane	ug/L	ND	20	20	20.6	21.1	103	105	60-140	2	
Carbon tetrachloride	ug/L	ND	20	20	23.6	25.9	118	130	60-140	10	
Chlorobenzene	ug/L	ND	20	20	22.3	22.2	111	111	60-140	1	
Chloroethane	ug/L	ND	20	20	24.9	24.7	125	123	60-140	1	
Chloroform	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
Chloromethane	ug/L	ND	20	20	27.1	26.6	135	133	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	22.7	111	113	60-140	2	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	
Dibromochloromethane	ug/L	ND	20	20	19.5	20.5	98	102	60-140	5	
Dibromomethane	ug/L	ND	20	20	21.0	21.9	105	109	60-140	4	
Dichlorodifluoromethane	ug/L	ND	20	20	30.0	30.6	150	153	60-140	2	M1
Diisopropyl ether	ug/L	ND	20	20	21.5	21.8	108	109	60-140	1	
Ethylbenzene	ug/L	ND	20	20	23.5	23.6	118	118	60-140	0	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	30.3	32.0	152	160	60-140	5	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	24.7	25.0	123	125	60-140	1	
m&p-Xylene	ug/L	ND	40	40	46.5	46.6	116	117	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	20.3	21.5	102	107	60-140	5	
Methylene Chloride	ug/L	ND	20	20	20.1	20.6	100	103	60-140	3	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1470869 1470870

Parameter	Units	92251072008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	20	20	23.6	23.7	118	119	60-140	0	
n-Propylbenzene	ug/L	ND	20	20	24.4	24.5	122	123	60-140	1	
Naphthalene	ug/L	ND	20	20	22.6	25.2	113	126	60-140	11	
o-Xylene	ug/L	ND	20	20	22.8	23.1	114	115	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	25.8	25.7	129	128	60-140	1	
Styrene	ug/L	ND	20	20	23.6	24.0	118	120	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	
Tetrachloroethene	ug/L	ND	20	20	23.5	24.0	117	120	60-140	2	
Toluene	ug/L	ND	20	20	22.7	22.6	114	113	60-140	1	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.9	22.9	114	115	60-140	0	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.6	22.4	103	112	60-140	8	
Trichloroethene	ug/L	ND	20	20	22.1	22.1	110	110	60-140	0	
Trichlorofluoromethane	ug/L	ND	20	20	26.9	26.8	134	134	60-140	0	
Vinyl chloride	ug/L	ND	20	20	26.4	27.0	132	135	60-140	3	
1,2-Dichloroethane-d4 (S)	%						91	94	70-130		
4-Bromofluorobenzene (S)	%						99	100	70-130		
Toluene-d8 (S)	%						99	99	70-130		

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

QC Batch: OEXT/35331 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 92250854001, 92250854002, 92250854003

METHOD BLANK: 1468218 Matrix: Water
Associated Lab Samples: 92250854001, 92250854002, 92250854003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/29/15 21:07	
2,4,6-Trichlorophenol	ug/L	ND	10.0	05/29/15 21:07	
2,4-Dichlorophenol	ug/L	ND	5.0	05/29/15 21:07	
2,4-Dimethylphenol	ug/L	ND	10.0	05/29/15 21:07	
2,4-Dinitrophenol	ug/L	ND	50.0	05/29/15 21:07	
2,4-Dinitrotoluene	ug/L	ND	5.0	05/29/15 21:07	
2,6-Dinitrotoluene	ug/L	ND	5.0	05/29/15 21:07	
2-Chloronaphthalene	ug/L	ND	5.0	05/29/15 21:07	
2-Chlorophenol	ug/L	ND	5.0	05/29/15 21:07	
2-Nitrophenol	ug/L	ND	5.0	05/29/15 21:07	
3,3'-Dichlorobenzidine	ug/L	ND	25.0	05/29/15 21:07	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	05/29/15 21:07	
4-Bromophenylphenyl ether	ug/L	ND	5.0	05/29/15 21:07	
4-Chloro-3-methylphenol	ug/L	ND	5.0	05/29/15 21:07	
4-Chlorophenylphenyl ether	ug/L	ND	5.0	05/29/15 21:07	
4-Nitrophenol	ug/L	ND	50.0	05/29/15 21:07	
Acenaphthene	ug/L	ND	5.0	05/29/15 21:07	
Acenaphthylene	ug/L	ND	5.0	05/29/15 21:07	
Anthracene	ug/L	ND	5.0	05/29/15 21:07	
Benzo(a)anthracene	ug/L	ND	5.0	05/29/15 21:07	
Benzo(a)pyrene	ug/L	ND	5.0	05/29/15 21:07	
Benzo(b)fluoranthene	ug/L	ND	5.0	05/29/15 21:07	
Benzo(g,h,i)perylene	ug/L	ND	5.0	05/29/15 21:07	
Benzo(k)fluoranthene	ug/L	ND	5.0	05/29/15 21:07	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	05/29/15 21:07	
bis(2-Chloroethyl) ether	ug/L	ND	5.0	05/29/15 21:07	
bis(2-Chloroisopropyl) ether	ug/L	ND	5.0	05/29/15 21:07	
bis(2-Ethylhexyl)phthalate	ug/L	ND	5.0	05/29/15 21:07	
Butylbenzylphthalate	ug/L	ND	5.0	05/29/15 21:07	
Chrysene	ug/L	ND	5.0	05/29/15 21:07	
Di-n-butylphthalate	ug/L	ND	5.0	05/29/15 21:07	
Di-n-octylphthalate	ug/L	ND	5.0	05/29/15 21:07	
Dibenz(a,h)anthracene	ug/L	ND	5.0	05/29/15 21:07	
Diethylphthalate	ug/L	ND	5.0	05/29/15 21:07	
Dimethylphthalate	ug/L	ND	5.0	05/29/15 21:07	
Fluoranthene	ug/L	ND	5.0	05/29/15 21:07	
Fluorene	ug/L	ND	5.0	05/29/15 21:07	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/29/15 21:07	
Hexachlorobenzene	ug/L	ND	5.0	05/29/15 21:07	
Hexachlorocyclopentadiene	ug/L	ND	10.0	05/29/15 21:07	
Hexachloroethane	ug/L	ND	5.0	05/29/15 21:07	

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QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

METHOD BLANK: 1468218 Matrix: Water
Associated Lab Samples: 92250854001, 92250854002, 92250854003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	ND	5.0	05/29/15 21:07	
Isophorone	ug/L	ND	10.0	05/29/15 21:07	
N-Nitroso-di-n-propylamine	ug/L	ND	5.0	05/29/15 21:07	
N-Nitrosodimethylamine	ug/L	ND	5.0	05/29/15 21:07	
N-Nitrosodiphenylamine	ug/L	ND	10.0	05/29/15 21:07	
Naphthalene	ug/L	ND	5.0	05/29/15 21:07	
Nitrobenzene	ug/L	ND	5.0	05/29/15 21:07	
Pentachlorophenol	ug/L	ND	10.0	05/29/15 21:07	
Phenanthrene	ug/L	ND	5.0	05/29/15 21:07	
Phenol	ug/L	ND	5.0	05/29/15 21:07	
Pyrene	ug/L	ND	5.0	05/29/15 21:07	
2,4,6-Tribromophenol (S)	%	62	10-137	05/29/15 21:07	
2-Fluorobiphenyl (S)	%	56	15-120	05/29/15 21:07	
2-Fluorophenol (S)	%	33	10-120	05/29/15 21:07	
Nitrobenzene-d5 (S)	%	67	10-120	05/29/15 21:07	
Phenol-d6 (S)	%	22	10-120	05/29/15 21:07	
Terphenyl-d14 (S)	%	81	11-131	05/29/15 21:07	

LABORATORY CONTROL SAMPLE & LCSD: 1468219 1468220

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	25.1	32.9	50	66	44-142	27	30	
2,4,6-Trichlorophenol	ug/L	50	29.5	44.3	59	89	37-144	40	30	R1
2,4-Dichlorophenol	ug/L	50	29.8	40.8	60	82	1-191	31	30	R1
2,4-Dimethylphenol	ug/L	50	29.3	38.6	59	77	32-119	28	30	
2,4-Dinitrophenol	ug/L	250	174	231	70	93	1-181	28	30	
2,4-Dinitrotoluene	ug/L	50	36.6	42.9	73	86	39-139	16	30	
2,6-Dinitrotoluene	ug/L	50	32.7	43.0	65	86	50-158	27	30	
2-Chloronaphthalene	ug/L	50	26.7	39.6	53	79	60-118	39	30	L0,R1
2-Chlorophenol	ug/L	50	27.3	37.6	55	75	23-134	32	30	R1
2-Nitrophenol	ug/L	50	30.3	41.9	61	84	29-182	32	30	R1
3,3'-Dichlorobenzidine	ug/L	100	65.1	81.2	65	81	1-262	22	30	
4,6-Dinitro-2-methylphenol	ug/L	100	74.3	94.4	74	94	1-181	24	30	
4-Bromophenylphenyl ether	ug/L	50	35.2	45.2	70	90	53-127	25	30	
4-Chloro-3-methylphenol	ug/L	100	61.5	75.8	61	76	22-147	21	30	
4-Chlorophenylphenyl ether	ug/L	50	31.6	42.3	63	85	25-158	29	30	
4-Nitrophenol	ug/L	250	62.9	77.6	25	31	1-132	21	30	
Acenaphthene	ug/L	50	26.8	39.1	54	78	47-145	37	30	R1
Acenaphthylene	ug/L	50	27.8	41.0	56	82	33-145	39	30	R1
Anthracene	ug/L	50	37.6	44.5	75	89	1-166	17	30	
Benzo(a)anthracene	ug/L	50	38.8	46.0	78	92	33-143	17	30	
Benzo(a)pyrene	ug/L	50	39.8	47.5	80	95	17-163	18	30	
Benzo(b)fluoranthene	ug/L	50	39.6	47.2	79	94	24-159	18	30	
Benzo(g,h,i)perylene	ug/L	50	40.1	48.2	80	96	1-219	18	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

LABORATORY CONTROL SAMPLE & LCSD: 1468219 1468220

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzo(k)fluoranthene	ug/L	50	39.0	46.5	78	93	11-162	18	30	
bis(2-Chloroethoxy)methane	ug/L	50	30.5	41.8	61	84	33-184	31	30	R1
bis(2-Chloroethyl) ether	ug/L	50	30.2	42.3	60	85	12-158	33	30	R1
bis(2-Chloroisopropyl) ether	ug/L	50	31.0	43.8	62	88	36-166	34	30	R1
bis(2-Ethylhexyl)phthalate	ug/L	50	36.6	44.7	73	89	8-158	20	30	
Butylbenzylphthalate	ug/L	50	36.7	45.0	73	90	1-152	20	30	
Chrysene	ug/L	50	39.8	47.1	80	94	17-168	17	30	
Di-n-butylphthalate	ug/L	50	37.5	43.9	75	88	1-118	16	30	
Di-n-octylphthalate	ug/L	50	35.7	45.8	71	92	4-146	25	30	
Dibenz(a,h)anthracene	ug/L	50	40.1	48.6	80	97	1-227	19	30	
Diethylphthalate	ug/L	50	34.5	40.8	69	82	1-114	17	30	
Dimethylphthalate	ug/L	50	31.6	39.9	63	80	1-112	23	30	
Fluoranthene	ug/L	50	37.4	43.2	75	86	26-137	14	30	
Fluorene	ug/L	50	31.9	42.2	64	84	59-121	28	30	
Hexachloro-1,3-butadiene	ug/L	50	21.6	29.6	43	59	24-116	31	30	R1
Hexachlorobenzene	ug/L	50	37.8	46.0	76	92	1-152	20	30	
Hexachlorocyclopentadiene	ug/L	50	18.1	31.0	36	62	25-150	52	30	R1
Hexachloroethane	ug/L	50	19.8	28.6	40	57	40-113	37	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	50	38.6	47.5	77	95	1-171	21	30	
Isophorone	ug/L	50	26.2	37.7	52	75	21-196	36	30	R1
N-Nitroso-di-n-propylamine	ug/L	50	29.2	41.4	58	83	1-230	35	30	R1
N-Nitrosodimethylamine	ug/L	50	15.9	25.0	32	50	25-150	44	30	R1
N-Nitrosodiphenylamine	ug/L	50	35.8	43.4	72	87	25-150	19	30	
Naphthalene	ug/L	50	27.8	36.1	56	72	21-133	26	30	
Nitrobenzene	ug/L	50	27.4	36.6	55	73	35-180	29	30	
Pentachlorophenol	ug/L	100	77.1	97.3	77	97	14-176	23	30	
Phenanthrene	ug/L	50	36.0	42.6	72	85	54-120	17	30	
Phenol	ug/L	50	11.4	16.0	23	32	5-112	34	30	R1
Pyrene	ug/L	50	37.9	44.3	76	89	52-115	16	30	
2,4,6-Tribromophenol (S)	%				81	97	10-137			
2-Fluorobiphenyl (S)	%				52	76	15-120			
2-Fluorophenol (S)	%				32	46	10-120			
Nitrobenzene-d5 (S)	%				56	74	10-120			
Phenol-d6 (S)	%				21	30	10-120			
Terphenyl-d14 (S)	%				92	105	11-131			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether, Styrene, and Vinyl chloride.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GUSSMAN CLEANERS
Pace Project No.: 92250854

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92250854001	**TW-3**	EPA 625	OEXT/35331	EPA 625	MSSV/10728
92250854002	**TW-4**	EPA 625	OEXT/35331	EPA 625	MSSV/10728
92250854003	**TW-5**	EPA 625	OEXT/35331	EPA 625	MSSV/10728
92250854001	**TW-3**	SM 6200B	MSV/31923		
92250854002	**TW-4**	SM 6200B	MSV/31910		
92250854003	**TW-5**	SM 6200B	MSV/31910		

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Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: May 18, 2015 Page 1 of 2*
	Document Number: **F-CHR-CS-003-rev.16**	Issuing Authority: Pace Huntersville Quality Office

Client Name: EGS Carolinas

* Page 2 of 2 is for Internal Use Only

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other_____

Thermometer Used: IR Gun T1401 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor **T1401** No Correction

Corrected Cooler Temp.: 2.6 °C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: PP 5.21.15

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: H2O	☑Yes ☐No ☐N/A	12.
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: AMB **Date:** 5-21-15

SRF Review: AMB **Date:** 5-21-15

WO# : 92250854

92250854

(If no label available)

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1836389

Section A Required Client Information:

Company: ECS CAROLINAS
Address: WILMINGTON NC
Email To: Amy Conchas
Phone: Fax:
Requested Due Date/TAT: STANDARD

Section B Required Project Information:

Report To: Amy Conchas
Copy To:
Purchase Order No.:
Project Name: Gussman Cleaners
Project Number: 22171-A

Section C Invoice Information:

Attention:
Company Name: ECS
Address: Wlm, NC
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 2703-46

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): 6200	625	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TW-3	WT	G			5-20	1100		6	X			X					Y	Z		001
2	TW-4						1200		6	X			X					Y	Z		002
3	TW-5						1300		6	X			X					Y	Z		003
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	BBW / ECS	5-20	15:15	J. Dixon / Pace	5/20/15	1553				
				Pam Phillips	5/21/15	10:00	2.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brooks Wall

SIGNATURE of SAMPLER: K

DATE Signed (MM/DD/YY): 5/20/2015

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007