July 15, 2016

Mr. Perry Gaughan
On-Scene Coordinator
U.S. Environmental Protection Agency (EPA), Region 4
61 Forsyth Street, SW, 11th Floor
Atlanta, Georgia 30303

Subject: **Letter Report (May 2016 Sampling Event)**
Southside Water Well Response
Lincolnton, Lincoln County, North Carolina
Contract Number (No.) EP-S4-14-03
TDD No. TT-02-023

Dear Mr. Gaughan:

The Tetra Tech, Inc. Superfund Technical Assessment and Response Team (Tetra Tech START) is submitting this letter report summarizing groundwater (residential wells) sampling activities conducted on May 23, 2016 at the Southside Water Well Response in Lincolnton, Lincoln County, North Carolina. This report includes four enclosures. Enclosure 1 contains two figures illustrating the site location and layout. Enclosure 2 contains a table that summarizes the laboratory analytical results. Enclosure 3 contains the data validation checklist (Stage 2A) and the analytical data package. Enclosure 4 contains the field data sheets.

SITE BACKGROUND

During a review of historical data for potable well water, the North Carolina Department of Environmental Quality (NCDEQ) identified a number of residential wells that contained elevated concentrations of contaminants, including tetrachloroethylene, which is also known as perchloroethylene (PCE). Based on that review, NCDEQ requested assistance from the U.S. Environmental Protection Agency (EPA) Region 4 Emergency Response, Removal, and Prevention Branch (ERRPB) with assessment activities involving groundwater sampling in the vicinity of Southside Road in Lincolnton, North Carolina. ERRPB subsequently tasked Tetra Tech START to conduct groundwater sampling of two residential wells located near the intersection of Southside Road and Bynum Road.

GROUNDWATER SAMPLING (MAY 2016)

On May 23, 2016, Tetra Tech START mobilized to the site and conducted groundwater sampling activities at two properties:

- 2005 Southside Road: Residential well servicing one small home and 4 to 5 mobile homes. According to available information, the well is 24 inches in diameter and approximately 50 feet deep. The sample was collected from the spigot attached to the supply line from the well head inside the cinder-block well house located on the property.
- 268 Bynum Road: Residential well servicing one home. According to available information, the well is 6 inches in diameter and approximately 100 feet deep. The sample was collected from the spigot attached to the supply line from the well head inside the garage of the residence.

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Enclosure 4 contains copies of the field data sheets that summarize the water quality monitoring results obtained during sampling activities.

ANALYTICAL RESULTS

Groundwater samples collected during the May 2016 event were submitted to Pace Analytical Services, Inc. (Huntersville, North Carolina) for laboratory analyses of the following parameters in accordance with the EPA Test Methods for Evaluating Solid Waste (EPA SW-846): organochlorine pesticides (EPA 8081); polychlorinated biphenyls (EPA 8082); metals, including mercury (EPA 6010 and 7470); semivolatile organic compounds (EPA 8270); and volatile organic compounds (EPA 8260). Table 1 in Enclosure 2 summarizes the results for analytes detected for each sample. Enclosure 3 provides the Stage 2A data validation checklist, along with a copy of the laboratory analytical data package. The groundwater sample collected from the well at 2005 Southside Road contained concentrations of PCE below the EPA Maximum Contaminant Level (MCL) of 5 µg/L. The water sample collected from 268 Bynum Road contained PCE concentrations exceeding the MCL. The table below briefly summarizes the analytical results for PCE in each sample.

Sample Identification	PCE Concentration (µg/L)
May 2016	
SSWW-GW-2005 SOUTHSIDE	4.5
SSWW-GW-2005 SOUTHSIDE-DUP	4.2
SSWW-GW-268 BYNUM	13.3

Notes:

shaded	Indicates concentration that exceeds the EPA Maximum Contaminant Level of 5 µg/L
µg/L	Micrograms per liter
DUP	Field duplicate sample
GW	Groundwater
PCE	Tetrachloroethylene, also known as perchloroethylene
SSSW	Southside Water Well

If you have any questions or need additional copies of this letter report, please contact Brian Croft at 678-775-3113.

Sincerely,

Brian Croft
Tetra Tech START IV Site Manager

Andrew F. Johnson
Tetra Tech START IV Program Manager

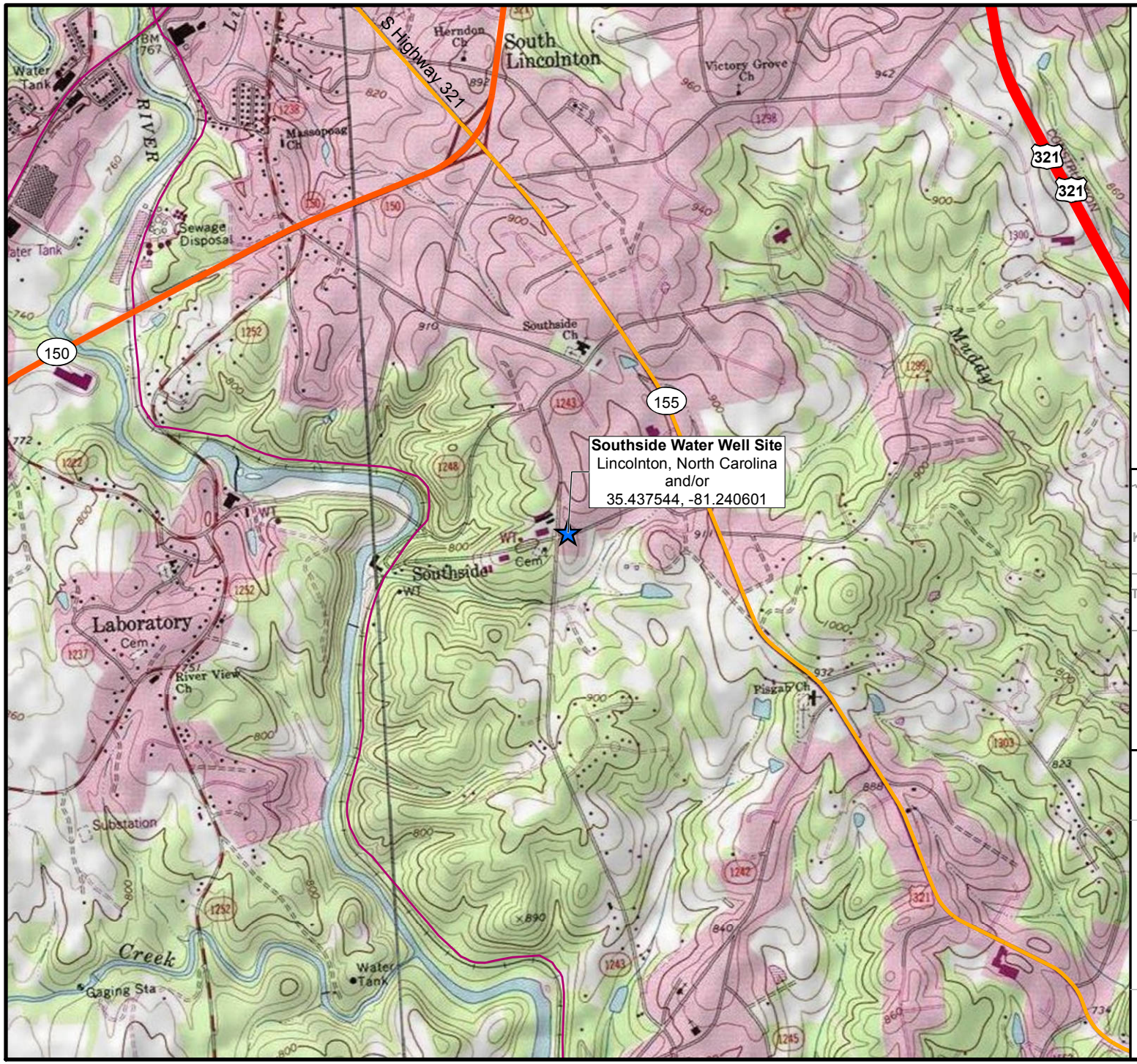
Enclosures (4)

cc: Katrina Jones, EPA Project Officer
Angel Reed, Tetra Tech START IV Document Control Coordinator

ENCLOSURE 1

FIGURES

(Two Pages)



Legend

- Intersate highway
- Route highway
- State highway
- Major road

N
W E
S

0 1,000 2,000
Feet

Map Source:
USGS 7.5 Minute Topographic Quadrangle Maps:
Lincolnton East, NC 1993

United States Environmental Protection Agency Region 4

FIGURE 1

Site Location

TDD Name: Southside Water Well Response

TDD No.: TTEMI-02-023

City:	County:	State:
Lincolnton	Lincoln	North Carolina

TETRA TECH

Date: 7/11/2016
Analyst: helen.mayoral

File: X:\TT-02-023_Southside_Water_Well\mxd\Figure1.mxd

Legend

- Well Sampling Location
- Street

N
W E
S

0 75 150
Feet

Map Source:
ESRI, ArcGIS Online Maps, World Imagery, 2014

United States
Environmental Protection Agency
Region 4

FIGURE 2

Site Layout

TDD Name: Southside Water Well Response

TDD No.: TTEMI-02-023

City:	County:	State:
Lincolnton	Lincoln	North Carolina

TETRA TECH

Date: 7/13/2016
Analyst: helen.mayoral

File: X:\TT-02-023_Southside_Water_Well\mxd\Figure2_v2.mxd

ENCLOSURE 2

TABLE

(One Page)

TABLE 1
SOUTHSIDE WATER WELL
VALIDATED ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (RESIDENTIAL WELLS)

Analyte	EPA MCL	EPA RML (tapwater)	SSSW-GW-2005 SOUTHSIDE	SSSW-GW-2005 SOUTHSIDE-DUP	SSSW-GW-268 BYNUM
Volatile Organic Compounds (EPA 8260) (µg/L)					
Chloromethane	NL	190	ND	0.48 J	ND
Tetrachloroethene	5	41	4.5	4.2	13.3
Metals (EPA 6010) (µg/L)					
Barium	2000	3800	27.7	27.0	6.4
Calcium	NL	NL	4520	4380	247
Copper	1300	800	11.5	12.8	54.2
Iron	NL	14000	50 U	50 U	126
Lead	15	15	5 U	5 U	4.6 J
Magnesium	NL	NL	2330	2280	476
Manganese	NL	430	78.4	77.2	8.1
Nickel	NL	390	3.8 J	3.5 J	ND
Sodium	NL	NL	9820	9560	1420 J
Zinc	NL	6000	229	223	11.3
Semivolatile Organic Compounds (EPA 8270)					
No analytes detected at concentrations above the laboratory reporting limits					
Organochlorine Pesticides (EPA 8081)					
No analytes detected at concentrations above the laboratory reporting limits					
Polychlorinated Biphenyls (EPA 8082)					
No analytes detected at concentrations above the laboratory reporting limits					

Notes:

DUP	Duplicate
EPA	U.S. Environmental Protection Agency
GW	Groundwater
J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample
µg/L	Micrograms per liter
MCL	EPA Maximum Contaminant Level
ND	Not detected at concentrations above the laboratory reporting limit
NL	Not listed
RML	May 2016 EPA Regional Removal Management Level (HQ=1)
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
	Shaded values exceed one or more of the comparison criteria

ENCLOSURE 3

DATA VALIDATION CHECKLIST (STAGE 2A)

AND

ANALYTICAL DATA PACKAGE

(72 Pages)

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Southside Water Well		**Project No.**	TT-02-023
Data Reviewer (signature and date)	Jessica A. Vickers June 28, 2016		**Technical Reviewer (signature and date)**	Harry N. Ellis III June 28, 2016
Laboratory Report No.	92298690		**Laboratory**	Pace Analytical Laboratories, Inc.
Analyses	Volatile Organic Compounds (VOCs) by SW-846 Methods 8260B, Semivolatile Organic Compounds (SVOCs) by SW-846 Method 8270D, Pesticides by SW-846 Method 8081B, Polychlorinated Biphenyls (PCBs) by SW-846 Method 8082A, and Metals by SW-846 Methods 6010C and 7470A			
Samples	SSWW-GW-268 BYNUM and SSWW-GW-2005 SOUTHSIDE			
Field Duplicate Pairs	SSWW-GW-2005 SOUTHSIDE/SSWW-GW-2005 SOUTHSIDE-DUP			
Field Blanks	TRIP BLANK			

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *Contract Laboratory Program (CLP) National Functional Guidelines (NFG) for Superfund Organic Methods Data Review* (August 2014) and the EPA *CLP NFG for Inorganic Superfund Data Review* (August 2014) data validation guidance documents, as well as the above referenced methods.

OVERALL EVALUATION:

Rejection of data was not required for this data package. Results were qualified due to exceedances for surrogate recoveries. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

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DATA VALIDATION CHECKLIST – STAGE 2A

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
N	TRIP BLANK: Methylene chloride = 1.0 µg/L – no flag (associated results non-detect)

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
N	%Rs out low for SVOC surrogates phenol-d6 and 2,4,6-trichlorophenol for SSWW-GW-268 BYNUM – flag acid compounds "UJ"

MS/MSD:

Within Criteria	Exceedance/Notes
N	SSWW-GW-268 BYNUM: High %Rs for 1,1-dichloropropene and bromomethane – no flag (associated results non-detect)

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DATA VALIDATION CHECKLIST – STAGE 2A

Post digestion spikes:

Within Criteria	Exceedance/Notes
NA	

Serial dilutions:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

Total versus dissolved metals results evaluation:

Within Criteria	Exceedance/Notes
NA	

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LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Toxicity equivalents (TEQs) and isomer specificity (dioxins/furans, cBaP, and PCB congeners only):

Within Criteria	Exceedance/Notes
NA	

Sample dilutions:

Within Criteria	Exceedance/Notes
NA	

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

Estimated detection limit (EDL) and estimated maximum possible concentration (EMPC) (dioxins/furans only):

Within Criteria	Exceedance/Notes
NA	

DATA VALIDATION CHECKLIST – STAGE 2A

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Results between MDL and RL were flagged "J" by the laboratory

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

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Pace Analytical Services, Inc.
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050 U	0.050	1	05/24/16 09:51	05/24/16 21:07	309-00-2	
alpha-BHC	ND	ug/L	0.050	0 050	1	05/24/16 09:51	05/24/16 21:07	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 21:07	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 21:07	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 21:07	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 21:07	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	84	%	20-130		1	05/24/16 09:51	05/24/16 21:07	877-09-8	
Decachlorobiphenyl (S)	74	%	20-130		1	05/24/16 09:51	05/24/16 21:07	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50 U	0 50	1	05/24/16 09:51	05/24/16 22:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	0 50	1	05/24/16 09:51	05/24/16 22:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	0 50	1	05/24/16 09:51	05/24/16 22:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0 50	1	05/24/16 09:51	05/24/16 22:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0 50	1	05/24/16 09:51	05/24/16 22:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	79	%	10-132		1	05/24/16 09:51	05/24/16 22:52	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Aluminum	ND	ug/L	100 U	50.0	1	05/24/16 16:10	05/25/16 20:33	7429-90-5	
Antimony	ND	ug/L	5.0	3.9	1	05/24/16 16:10	05/25/16 20:33	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7440-38-2	
Barium	6.4	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-39-3	
Beryllium	ND	ug/L	1.0 U	0.50	1	05/24/16 16:10	05/25/16 20:33	7440-41-7	
Cadmium	ND	ug/L	1.0 U	0.50	1	05/24/16 16:10	05/25/16 20:33	7440-43-9	
Calcium	247	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:33	7440-70-2	

REPORT OF LABORATORY ANALYSIS

06/28/16

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Chromium	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-47-3	
Cobalt	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-48-4	
Copper	**54.2**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-50-8	
Iron	**126**	ug/L	50.0	25.0	1	05/24/16 16:10	05/25/16 20:33	7439-89-6	
Lead	**4.6** J	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7439-92-1	
Magnesium	**476**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:33	7439-95-4	
Manganese	**8 1**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7439-96-5	
Nickel	ND	ug/L	5 0 U	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-02-0	
Potassium	ND	ug/L	5000	2500	1	05/24/16 16:10	05/25/16 20:33	7440-09-7	
Selenium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7782-49-2	
Silver	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-22-4	
Sodium	**1420** J	ug/L	5000	500	1	05/24/16 16:10	05/25/16 20:33	7440-23-5	
Thallium	ND	ug/L	10.0 U	5.0	1	05/24/16 16:10	05/25/16 20:33	7440-28-0	
Vanadium	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-62-2	
Zinc	**11.3**	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0 20 U	0 10	1	05/24/16 10:30	05/24/16 14:16	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0 U	0.25	1	05/24/16 13:07	05/26/16 18:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	208-96-8	
Aniline	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	05/24/16 13:07	05/26/16 18:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	05/24/16 13:07	05/26/16 18:22	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	05/24/16 13:07	05/26/16 18:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 18:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	05/24/16 13:07	05/26/16 18:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	05/24/16 13:07	05/26/16 18:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0 UJ	11.1	1	05/24/16 13:07	05/26/16 18:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0 UJ	3 4	1	05/24/16 13:07	05/26/16 18:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0 U	1.3	1	05/24/16 13:07	05/26/16 18:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0 U	0.75	1	05/24/16 13:07	05/26/16 18:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0 UJ	4 2	1	05/24/16 13:07	05/26/16 18:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0 U	3 4	1	05/24/16 13:07	05/26/16 18:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1 7	1	05/24/16 13:07	05/26/16 18:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1 5	1	05/24/16 13:07	05/26/16 18:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1 6	1	05/24/16 13:07	05/26/16 18:22	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	2 2	1	05/24/16 13:07	05/26/16 18:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0 UJ	1 5	1	05/24/16 13:07	05/26/16 18:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0 U	2.1	1	05/24/16 13:07	05/26/16 18:22	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	05/24/16 13:07	05/26/16 18:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 18:22	95-50-1	

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(704)875-9092

ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,3-Dichlorobenzene	ND	ug/L	10.0 U	1.1	1	05/24/16 13:07	05/26/16 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 18:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1.4	1	05/24/16 13:07	05/26/16 18:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0 UJ	1.7	1	05/24/16 13:07	05/26/16 18:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0 U	1.3	1	05/24/16 13:07	05/26/16 18:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0 UJ	2.2	1	05/24/16 13:07	05/26/16 18:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0 U	1.5	1	05/24/16 13:07	05/26/16 18:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0 U	1.1	1	05/24/16 13:07	05/26/16 18:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0 UJ	1.7	1	05/24/16 13:07	05/26/16 18:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0 UJ	6.5	1	05/24/16 13:07	05/26/16 18:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0 U	1.2	1	05/24/16 13:07	05/26/16 18:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.86	1	05/24/16 13:07	05/26/16 18:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.85	1	05/24/16 13:07	05/26/16 18:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 18:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 18:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	05/24/16 13:07	05/26/16 18:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	05/24/16 13:07	05/26/16 18:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 18:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0 UJ	1.7	1	05/24/16 13:07	05/26/16 18:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0 UJ	1.7	1	05/24/16 13:07	05/26/16 18:22		
Naphthalene	ND	ug/L	10.0 U	0.34	1	05/24/16 13:07	05/26/16 18:22	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	2.8	1	05/24/16 13:07	05/26/16 18:22	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.4	1	05/24/16 13:07	05/26/16 18:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.5	1	05/24/16 13:07	05/26/16 18:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0 UJ	1.7	1	05/24/16 13:07	05/26/16 18:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0 UJ	5.8	1	05/24/16 13:07	05/26/16 18:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0 U	1.3	1	05/24/16 13:07	05/26/16 18:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 18:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	86-30-6	
Pentachlorophenol	ND	ug/L	25.0 UJ	2.3	1	05/24/16 13:07	05/26/16 18:22	87-86-5	
Phenanthrene	ND	ug/L	10.0 U	0.22	1	05/24/16 13:07	05/26/16 18:22	85-01-8	
Phenol	ND	ug/L	10.0 UJ	1.7	1	05/24/16 13:07	05/26/16 18:22		
Pyrene	ND	ug/L	10.0 U	0.19	1	05/24/16 13:07	05/26/16 18:22	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0 U	1.9	1	05/24/16 13:07	05/26/16 18:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0 UJ	2.2	1	05/24/16 13:07	05/26/16 18:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0 UJ	1.9	1	05/24/16 13:07	05/26/16 18:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	29	%	21-110		1	05/24/16 13:07	05/26/16 18:22	4165-60-0	1g

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Surrogates									
2-Fluorobiphenyl (S)	31	%	27-110		1	05/24/16 13:07	05/26/16 18:22	321-60-8	
Terphenyl-d14 (S)	44	%	31-107		1	05/24/16 13:07	05/26/16 18:22	1718-51-0	
Phenol-d6 (S)	9	%	10-110		1	05/24/16 13:07	05/26/16 18:22	13127-88-3	S0
2-Fluorophenol (S)	15	%	12-110		1	05/24/16 13:07	05/26/16 18:22	367-12-4	
2,4,6-Tribromophenol (S)	26	%	27-110		1	05/24/16 13:07	05/26/16 18:22	118-79-6	S0
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0 U	10.0	1		05/26/16 21:16	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 21:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 21:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 21:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 21:16	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 21:16	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 21:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 21:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 21:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 21:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 21:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		05/26/16 21:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 21:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 21:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 21:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 21:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 21:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 21:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 21:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 21:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 21:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 21:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 21:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 21:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 21:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 21:16	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 21:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 21:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 21:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 21:16	87-68-3	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
2-Hexanone	ND	ug/L	5.0 U	0.46	1		05/26/16 21:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:16	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		05/26/16 21:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 21:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 21:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 21:16	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 21:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 21:16	79-34-5	
Tetrachloroethene	13 3	ug/L	1.0	0.46	1		05/26/16 21:16	127-18-4	
Toluene	ND	ug/L	1.0 U	0.26	1		05/26/16 21:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 21:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 21:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 21:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 21:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 21:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 21:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 21:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		05/26/16 21:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		05/26/16 21:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		05/26/16 21:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0 23	1		05/26/16 21:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/26/16 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/26/16 21:16	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		05/26/16 21:16	2037-26-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050 U	0.050	1	05/24/16 09:51	05/24/16 20:31	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:31	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	76-44-8	
Heptachlor epoxide	ND	ug/L	0 050	0.050	1	05/24/16 09:51	05/24/16 20:31	1024-57-3	
Hexachlorobenzene	ND	ug/L	0 050	0.050	1	05/24/16 09:51	05/24/16 20:31	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:31	72-43-5	
Mirex	ND	ug/L	0 15	0.15	1	05/24/16 09:51	05/24/16 20:31	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:31	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	82	%	20-130		1	05/24/16 09:51	05/24/16 20:31	877-09-8	
Decachlorobiphenyl (S)	69	%	20-130		1	05/24/16 09:51	05/24/16 20:31	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	ND	ug/L	0 50 U	0.50	1	05/24/16 09:51	05/24/16 22:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0 50	0.50	1	05/24/16 09:51	05/24/16 22:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0 50	0.50	1	05/24/16 09:51	05/24/16 22:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0 50	0.50	1	05/24/16 09:51	05/24/16 22:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0 50	0.50	1	05/24/16 09:51	05/24/16 22:11	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	73	%	10-132		1	05/24/16 09:51	05/24/16 22:11	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Aluminum	ND	ug/L	100 U	50.0	1	05/24/16 16:10	05/25/16 20:42	7429-90-5	
Antimony	ND	ug/L	5.0 U	3.9	1	05/24/16 16:10	05/25/16 20:42	7440-36-0	
Arsenic	ND	ug/L	10.0 U	5.0	1	05/24/16 16:10	05/25/16 20:42	7440-38-2	
Barium	**27.7**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-39-3	
Beryllium	ND	ug/L	1 0 U	0.50	1	05/24/16 16:10	05/25/16 20:42	7440-41-7	
Cadmium	ND	ug/L	1 0 U	0.50	1	05/24/16 16:10	05/25/16 20:42	7440-43-9	
Calcium	**4520**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:42	7440-70-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Chromium	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-47-3	
Cobalt	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-48-4	
Copper	11.5	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-50-8	
Iron	ND	ug/L	50.0 U	25.0	1	05/24/16 16:10	05/25/16 20:42	7439-89-6	
Lead	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:42	7439-92-1	
Magnesium	2330	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:42	7439-95-4	
Manganese	78.4	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7439-96-5	
Nickel	3.8 J	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-02-0	
Potassium	ND	ug/L	5000 U	2500	1	05/24/16 16:10	05/25/16 20:42	7440-09-7	
Selenium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:42	7782-49-2	
Silver	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-22-4	
Sodium	9820	ug/L	5000	500	1	05/24/16 16:10	05/25/16 20:42	7440-23-5	
Thallium	ND	ug/L	10.0 U	5.0	1	05/24/16 16:10	05/25/16 20:42	7440-28-0	
Vanadium	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-62-2	
Zinc	229	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:42	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20 U	0.10	1	05/24/16 10:30	05/24/16 14:30	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0 U	0.25	1	05/24/16 13:07	05/26/16 17:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	208-96-8	
Aniline	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	05/24/16 13:07	05/26/16 17:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	05/24/16 13:07	05/26/16 17:22	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	05/24/16 13:07	05/26/16 17:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	05/24/16 13:07	05/26/16 17:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	05/24/16 13:07	05/26/16 17:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	11.1	1	05/24/16 13:07	05/26/16 17:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.75	1	05/24/16 13:07	05/26/16 17:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	4.2	1	05/24/16 13:07	05/26/16 17:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1.6	1	05/24/16 13:07	05/26/16 17:22	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:22	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	05/24/16 13:07	05/26/16 17:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:22	95-50-1	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,3-Dichlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1.4	1	05/24/16 13:07	05/26/16 17:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1.7	1	05/24/16 13:07	05/26/16 17:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	6.5	1	05/24/16 13:07	05/26/16 17:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.86	1	05/24/16 13:07	05/26/16 17:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.85	1	05/24/16 13:07	05/26/16 17:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	05/24/16 13:07	05/26/16 17:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	05/24/16 13:07	05/26/16 17:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22		
Naphthalene	ND	ug/L	10.0	0.34	1	05/24/16 13:07	05/26/16 17:22	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	2.8	1	05/24/16 13:07	05/26/16 17:22	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.4	1	05/24/16 13:07	05/26/16 17:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.5	1	05/24/16 13:07	05/26/16 17:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	5.8	1	05/24/16 13:07	05/26/16 17:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	2.3	1	05/24/16 13:07	05/26/16 17:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	0.22	1	05/24/16 13:07	05/26/16 17:22	85-01-8	
Phenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22		
Pyrene	ND	ug/L	10.0	0.19	1	05/24/16 13:07	05/26/16 17:22	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 17:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 17:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	21-110		1	05/24/16 13:07	05/26/16 17:22	4165-60-0	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Surrogates									
2-Fluorobiphenyl (S)	84	%	27-110		1	05/24/16 13:07	05/26/16 17:22	321-60-8	
Terphenyl-d14 (S)	90	%	31-107		1	05/24/16 13:07	05/26/16 17:22	1718-51-0	
Phenol-d6 (S)	24	%	10-110		1	05/24/16 13:07	05/26/16 17:22	13127-88-3	
2-Fluorophenol (S)	37	%	12-110		1	05/24/16 13:07	05/26/16 17:22	367-12-4	
2,4,6-Tribromophenol (S)	71	%	27-110		1	05/24/16 13:07	05/26/16 17:22	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0 U	10.0	1		05/26/16 20:42	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 20:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 20:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 20:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 20:42	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 20:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 20:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 20:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 20:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 20:42	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 20:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		05/26/16 20:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 20:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 20:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 20:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 20:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 20:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 20:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 20:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 20:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 20:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 20:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 20:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 20:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 20:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 20:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 20:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 20:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 20:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 20:42	87-68-3	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
2-Hexanone	ND	ug/L	5.0 U	0.46	1		05/26/16 20:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:42	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		05/26/16 20:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 20:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 20:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 20:42	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 20:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 20:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 20:42	79-34-5	
Tetrachloroethene	4.5	ug/L	1.0	0.46	1		05/26/16 20:42	127-18-4	
Toluene	ND	ug/L	1.0 U	0.26	1		05/26/16 20:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0 33	1		05/26/16 20:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0 35	1		05/26/16 20:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0 48	1		05/26/16 20:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0 29	1		05/26/16 20:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0 47	1		05/26/16 20:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0 20	1		05/26/16 20:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0 41	1		05/26/16 20:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0 35	1		05/26/16 20:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0 62	1		05/26/16 20:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0 66	1		05/26/16 20:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0 66	1		05/26/16 20:42	179601-23-1	
o-Xylene	ND	ug/L	1 0	0 23	1		05/26/16 20:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/26/16 20:42	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/26/16 20:42	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		05/26/16 20:42	2037-26-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:49	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:49	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:49	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:49	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	81	%	20-130		1	05/24/16 09:51	05/24/16 20:49	877-09-8	
Decachlorobiphenyl (S)	64	%	20-130		1	05/24/16 09:51	05/24/16 20:49	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-132		1	05/24/16 09:51	05/24/16 22:31	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Aluminum	ND	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:55	7429-90-5	
Antimony	ND	ug/L	5.0	3.9	1	05/24/16 16:10	05/25/16 20:55	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:55	7440-38-2	
Barium	27.0	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-39-3	
Beryllium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:55	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:55	7440-43-9	
Calcium	4380	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:55	7440-70-2	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Chromium	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-47-3	
Cobalt	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-48-4	
Copper	12.8	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-50-8	
Iron	ND	ug/L	50.0 U	25.0	1	05/24/16 16:10	05/25/16 20:55	7439-89-6	
Lead	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:55	7439-92-1	
Magnesium	2280	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:55	7439-95-4	
Manganese	77.2	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7439-96-5	
Nickel	3.5 J	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-02-0	
Potassium	ND	ug/L	5000 U	2500	1	05/24/16 16:10	05/25/16 20:55	7440-09-7	
Selenium	ND	ug/L	10 0	5.0	1	05/24/16 16:10	05/25/16 20:55	7782-49-2	
Silver	ND	ug/L	5 0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-22-4	
Sodium	9560	ug/L	5000	500	1	05/24/16 16:10	05/25/16 20:55	7440-23-5	
Thallium	ND	ug/L	10.0 U	5.0	1	05/24/16 16:10	05/25/16 20:55	7440-28-0	
Vanadium	ND	ug/L	5.0 U	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-62-2	
Zinc	223	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:55	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20 U	0.10	1	05/24/16 10:30	05/24/16 14:33	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0 U	0.25	1	05/24/16 13:07	05/26/16 17:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	208-96-8	
Aniline	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	05/24/16 13:07	05/26/16 17:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	05/24/16 13:07	05/26/16 17:52	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	05/24/16 13:07	05/26/16 17:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	05/24/16 13:07	05/26/16 17:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	05/24/16 13:07	05/26/16 17:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	11.1	1	05/24/16 13:07	05/26/16 17:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.75	1	05/24/16 13:07	05/26/16 17:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	4.2	1	05/24/16 13:07	05/26/16 17:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1.6	1	05/24/16 13:07	05/26/16 17:52	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:52	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	05/24/16 13:07	05/26/16 17:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:52	95-50-1	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,3-Dichlorobenzene	ND	ug/L	10.0 U	1.1	1	05/24/16 13:07	05/26/16 17:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:52	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1.4	1	05/24/16 13:07	05/26/16 17:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1.7	1	05/24/16 13:07	05/26/16 17:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	6.5	1	05/24/16 13:07	05/26/16 17:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.86	1	05/24/16 13:07	05/26/16 17:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.85	1	05/24/16 13:07	05/26/16 17:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	05/24/16 13:07	05/26/16 17:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	05/24/16 13:07	05/26/16 17:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52		
Naphthalene	ND	ug/L	10.0	0.34	1	05/24/16 13:07	05/26/16 17:52	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	2.8	1	05/24/16 13:07	05/26/16 17:52	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.4	1	05/24/16 13:07	05/26/16 17:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.5	1	05/24/16 13:07	05/26/16 17:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	5.8	1	05/24/16 13:07	05/26/16 17:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	2.3	1	05/24/16 13:07	05/26/16 17:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	0.22	1	05/24/16 13:07	05/26/16 17:52	85-01-8	
Phenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52		
Pyrene	ND	ug/L	10.0	0.19	1	05/24/16 13:07	05/26/16 17:52	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1 9	1	05/24/16 13:07	05/26/16 17:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	2 2	1	05/24/16 13:07	05/26/16 17:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1 9	1	05/24/16 13:07	05/26/16 17:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	80	%	21-110		1	05/24/16 13:07	05/26/16 17:52	4165-60-0	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Surrogates									
2-Fluorobiphenyl (S)	82	%	27-110		1	05/24/16 13:07	05/26/16 17:52	321-60-8	
Terphenyl-d14 (S)	86	%	31-107		1	05/24/16 13:07	05/26/16 17:52	1718-51-0	
Phenol-d6 (S)	26	%	10-110		1	05/24/16 13:07	05/26/16 17:52	13127-88-3	
2-Fluorophenol (S)	40	%	12-110		1	05/24/16 13:07	05/26/16 17:52	367-12-4	
2,4,6-Tribromophenol (S)	69	%	27-110		1	05/24/16 13:07	05/26/16 17:52	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0 U	10.0	1		05/26/16 20:59	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 20:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 20:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 20:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 20:59	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 20:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 20:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 20:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 20:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 20:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 20:59	67-66-3	
Chloromethane	0.48 J	ug/L	1.0	0.11	1		05/26/16 20:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0 U	0.35	1		05/26/16 20:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 20:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 20:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 20:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 20:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 20:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 20:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 20:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 20:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 20:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 20:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 20:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 20:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 20:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 20:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 20:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 20:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 20:59	87-68-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
2-Hexanone	ND	ug/L	5.0 U	0.46	1		05/26/16 20:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:59	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		05/26/16 20:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 20:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 20:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 20:59	91-20-3	
Styrene	ND	ug/L	1 0	0.26	1		05/26/16 20:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 20:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 20:59	79-34-5	
Tetrachloroethene	4.2	ug/L	1.0	0.46	1		05/26/16 20:59	127-18-4	
Toluene	ND	ug/L	1.0 U	0.26	1		05/26/16 20:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 20:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 20:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 20:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 20:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 20:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 20:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 20:59	108-05-4	
Vinyl chloride	ND	ug/L	1 0	0.62	1		05/26/16 20:59	75-01-4	
Xylene (Total)	ND	ug/L	2 0	0.66	1		05/26/16 20:59	1330-20-7	
m&p-Xylene	ND	ug/L	2 0	0.66	1		05/26/16 20:59	179601-23-1	
o-Xylene	ND	ug/L	1 0	0.23	1		05/26/16 20:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/26/16 20:59	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/26/16 20:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		05/26/16 20:59	2037-26-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: TRIP BLANK **Lab ID: 92298690004** Collected: 05/23/16 00:00 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		05/26/16 21:33	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 21:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 21:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 21:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 21:33	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 21:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 21:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 21:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 21:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 21:33	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 21:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		05/26/16 21:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 21:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 21:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 21:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 21:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 21:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 21:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 21:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 21:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 21:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 21:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 21:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 21:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 21:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 21:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 21:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 21:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 21:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 21:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		05/26/16 21:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:33	99-87-6	
Methylene Chloride	1.0 J	ug/L	2.0	0.97	1		05/26/16 21:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 21:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 21:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 21:33	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 21:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 21:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 21:33	79-34-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: TRIP BLANK **Lab ID: 92298690004** Collected: 05/23/16 00:00 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Tetrachloroethene	ND	ug/L	1.0 U	0.46	1		05/26/16 21:33	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		05/26/16 21:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 21:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 21:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 21:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 21:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 21:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 21:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 21:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		05/26/16 21:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		05/26/16 21:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		05/26/16 21:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		05/26/16 21:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/26/16 21:33	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/26/16 21:33	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		05/26/16 21:33	2037-26-5	

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June 01, 2016

Brian Croft
TetraTech
1955 Evergreen Blvd
Duluth, GA 30096

RE: Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Dear Brian Croft:
Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2016. 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,

Taylor Ezell
taylor.ezell@pacelabs.com
Project Manager

Enclosures

cc: Jessica Vickers, Tetra Tech

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CERTIFICATIONS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

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
Virginia/VELAP Certification #: 460221

Asheville Certification IDs
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92298690001	**SSWW-GW-2005 SOUTHSIDE**	Water	05/23/16 10:57	05/23/16 13:10
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	Water	05/23/16 10:59	05/23/16 13:10
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	Water	05/23/16 11:58	05/23/16 13:10
92298690004	**TRIP BLANK**	Water	05/23/16 00:00	05/23/16 13:10

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SAMPLE ANALYTE COUNT

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 8081	SWB	24	PASI-C
		EPA 8082	SWB	8	PASI-C
		EPA 6010	CDF	22	PASI-A
		EPA 7470	ANB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	CAH	63	PASI-C
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 8081	SWB	24	PASI-C
		EPA 8082	SWB	8	PASI-C
		EPA 6010	CDF	22	PASI-A
		EPA 7470	ANB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	CAH	63	PASI-C
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 8081	SWB	24	PASI-C
		EPA 8082	SWB	8	PASI-C
		EPA 6010	CDF	22	PASI-A
		EPA 7470	ANB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	CAH	63	PASI-C
92298690004	**TRIP BLANK**	EPA 8260	CAH	63	PASI-C

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SUMMARY OF DETECTION

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92298690001	**SSWW-GW-2005 SOUTHSIDE**					
EPA 6010	Barium	27.7	ug/L	5.0	05/25/16 20:42	
EPA 6010	Calcium	4520	ug/L	100	05/25/16 20:42	
EPA 6010	Copper	11.5	ug/L	5.0	05/25/16 20:42	
EPA 6010	Magnesium	2330	ug/L	100	05/25/16 20:42	
EPA 6010	Manganese	78.4	ug/L	5.0	05/25/16 20:42	
EPA 6010	Nickel	3.8J	ug/L	5.0	05/25/16 20:42	
EPA 6010	Sodium	9820	ug/L	5000	05/25/16 20:42	
EPA 6010	Zinc	229	ug/L	10.0	05/25/16 20:42	
EPA 8260	Tetrachloroethene	4.5	ug/L	1.0	05/26/16 20:42	
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**					
EPA 6010	Barium	27.0	ug/L	5.0	05/25/16 20:55	
EPA 6010	Calcium	4380	ug/L	100	05/25/16 20:55	
EPA 6010	Copper	12.8	ug/L	5.0	05/25/16 20:55	
EPA 6010	Magnesium	2280	ug/L	100	05/25/16 20:55	
EPA 6010	Manganese	77.2	ug/L	5.0	05/25/16 20:55	
EPA 6010	Nickel	3.5J	ug/L	5.0	05/25/16 20:55	
EPA 6010	Sodium	9560	ug/L	5000	05/25/16 20:55	
EPA 6010	Zinc	223	ug/L	10.0	05/25/16 20:55	
EPA 8260	Chloromethane	0.48J	ug/L	1.0	05/26/16 20:59	
EPA 8260	Tetrachloroethene	4.2	ug/L	1.0	05/26/16 20:59	
92298690003	**SSWW-GW-268 BYNUM MS/MSD**					
EPA 6010	Barium	6.4	ug/L	5.0	05/25/16 20:33	
EPA 6010	Calcium	247	ug/L	100	05/25/16 20:33	
EPA 6010	Copper	54.2	ug/L	5.0	05/25/16 20:33	
EPA 6010	Iron	126	ug/L	50.0	05/25/16 20:33	
EPA 6010	Lead	4.6J	ug/L	5.0	05/25/16 20:33	
EPA 6010	Magnesium	476	ug/L	100	05/25/16 20:33	
EPA 6010	Manganese	8.1	ug/L	5.0	05/25/16 20:33	
EPA 6010	Sodium	1420J	ug/L	5000	05/25/16 20:33	
EPA 6010	Zinc	11.3	ug/L	10.0	05/25/16 20:33	
EPA 8260	Tetrachloroethene	13.3	ug/L	1.0	05/26/16 21:16	
92298690004	**TRIP BLANK**					
EPA 8260	Methylene Chloride	1.0J	ug/L	2.0	05/26/16 21:33	

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: Tetra Tech EMI
Date: June 01, 2016

General Information:
3 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 8082**
Description: 8082 GCS PCB
Client: Tetra Tech EMI
Date: June 01, 2016

General Information:
3 samples were analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 6010**
Description: 6010 MET ICP
Client: Tetra Tech EMI
Date: June 01, 2016

General Information:
3 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 7470**
Description: 7470 Mercury
Client: Tetra Tech EMI
Date: June 01, 2016

General Information:
3 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 8270**
Description: 8270 MSSV Semivolatile Organic
Client: Tetra Tech EMI
Date: June 01, 2016

General Information:
3 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/42748

S0: Surrogate recovery outside laboratory control limits.

- SSWW-GW-268 BYNUM MS/MSD (Lab ID: 92298690003)
  - 2,4,6-Tribromophenol (S)
  - Phenol-d6 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 8270**
Description: 8270 MSSV Semivolatile Organic
Client: Tetra Tech EMI
Date: June 01, 2016

Analyte Comments:

QC Batch: OEXT/42748

1g: Sample re-extracted outside method hold time. Results of re-analysis confirmed original analysis performed within hold time.

- SSWW-GW-268 BYNUM MS/MSD (Lab ID: 92298690003)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: Tetra Tech EMI
Date: June 01, 2016

General Information:
4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/37012

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92298690003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1743128)
  - 1,1-Dichloropropene
- MSD (Lab ID: 1743129)
  - Bromomethane

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:31	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:31	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:31	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:31	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:31	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	82	%	20-130		1	05/24/16 09:51	05/24/16 20:31	877-09-8	
Decachlorobiphenyl (S)	69	%	20-130		1	05/24/16 09:51	05/24/16 20:31	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:11	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	73	%	10-132		1	05/24/16 09:51	05/24/16 22:11	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Aluminum	ND	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:42	7429-90-5	
Antimony	ND	ug/L	5.0	3.9	1	05/24/16 16:10	05/25/16 20:42	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:42	7440-38-2	
Barium	**27.7**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-39-3	
Beryllium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:42	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:42	7440-43-9	
Calcium	**4520**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:42	7440-70-2	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Chromium	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-47-3	
Cobalt	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-48-4	
Copper	**11.5**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-50-8	
Iron	ND	ug/L	50.0	25.0	1	05/24/16 16:10	05/25/16 20:42	7439-89-6	
Lead	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7439-92-1	
Magnesium	**2330**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:42	7439-95-4	
Manganese	**78.4**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7439-96-5	
Nickel	**3.8J**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-02-0	
Potassium	ND	ug/L	5000	2500	1	05/24/16 16:10	05/25/16 20:42	7440-09-7	
Selenium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:42	7782-49-2	
Silver	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-22-4	
Sodium	**9820**	ug/L	5000	500	1	05/24/16 16:10	05/25/16 20:42	7440-23-5	
Thallium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:42	7440-28-0	
Vanadium	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:42	7440-62-2	
Zinc	**229**	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:42	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	05/24/16 10:30	05/24/16 14:30	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	05/24/16 13:07	05/26/16 17:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	208-96-8	
Aniline	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	05/24/16 13:07	05/26/16 17:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	05/24/16 13:07	05/26/16 17:22	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	05/24/16 13:07	05/26/16 17:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	05/24/16 13:07	05/26/16 17:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	05/24/16 13:07	05/26/16 17:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	11.1	1	05/24/16 13:07	05/26/16 17:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.75	1	05/24/16 13:07	05/26/16 17:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	4.2	1	05/24/16 13:07	05/26/16 17:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1.6	1	05/24/16 13:07	05/26/16 17:22	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:22	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	05/24/16 13:07	05/26/16 17:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:22	95-50-1	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,3-Dichlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1.4	1	05/24/16 13:07	05/26/16 17:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1.7	1	05/24/16 13:07	05/26/16 17:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	6.5	1	05/24/16 13:07	05/26/16 17:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.86	1	05/24/16 13:07	05/26/16 17:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.85	1	05/24/16 13:07	05/26/16 17:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	05/24/16 13:07	05/26/16 17:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	05/24/16 13:07	05/26/16 17:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22		
Naphthalene	ND	ug/L	10.0	0.34	1	05/24/16 13:07	05/26/16 17:22	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	2.8	1	05/24/16 13:07	05/26/16 17:22	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.4	1	05/24/16 13:07	05/26/16 17:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.5	1	05/24/16 13:07	05/26/16 17:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	5.8	1	05/24/16 13:07	05/26/16 17:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:22	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	2.3	1	05/24/16 13:07	05/26/16 17:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	0.22	1	05/24/16 13:07	05/26/16 17:22	85-01-8	
Phenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:22		
Pyrene	ND	ug/L	10.0	0.19	1	05/24/16 13:07	05/26/16 17:22	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 17:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 17:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	21-110		1	05/24/16 13:07	05/26/16 17:22	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Surrogates									
2-Fluorobiphenyl (S)	84	%	27-110		1	05/24/16 13:07	05/26/16 17:22	321-60-8	
Terphenyl-d14 (S)	90	%	31-107		1	05/24/16 13:07	05/26/16 17:22	1718-51-0	
Phenol-d6 (S)	24	%	10-110		1	05/24/16 13:07	05/26/16 17:22	13127-88-3	
2-Fluorophenol (S)	37	%	12-110		1	05/24/16 13:07	05/26/16 17:22	367-12-4	
2,4,6-Tribromophenol (S)	71	%	27-110		1	05/24/16 13:07	05/26/16 17:22	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		05/26/16 20:42	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 20:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 20:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 20:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 20:42	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 20:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 20:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 20:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 20:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 20:42	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 20:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		05/26/16 20:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 20:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 20:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 20:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 20:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 20:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 20:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 20:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 20:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 20:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 20:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 20:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 20:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 20:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 20:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 20:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 20:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 20:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 20:42	87-68-3	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE **Lab ID: 92298690001** Collected: 05/23/16 10:57 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
2-Hexanone	ND	ug/L	5.0	0.46	1		05/26/16 20:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:42	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		05/26/16 20:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 20:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 20:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 20:42	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 20:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 20:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 20:42	79-34-5	
Tetrachloroethene	**4.5**	ug/L	1.0	0.46	1		05/26/16 20:42	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		05/26/16 20:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 20:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 20:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 20:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 20:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 20:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 20:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 20:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		05/26/16 20:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		05/26/16 20:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		05/26/16 20:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		05/26/16 20:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/26/16 20:42	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/26/16 20:42	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		05/26/16 20:42	2037-26-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:49	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 20:49	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:49	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 20:49	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 20:49	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	81	%	20-130		1	05/24/16 09:51	05/24/16 20:49	877-09-8	
Decachlorobiphenyl (S)	64	%	20-130		1	05/24/16 09:51	05/24/16 20:49	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:31	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-132		1	05/24/16 09:51	05/24/16 22:31	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Aluminum	ND	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:55	7429-90-5	
Antimony	ND	ug/L	5.0	3.9	1	05/24/16 16:10	05/25/16 20:55	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:55	7440-38-2	
Barium	**27.0**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-39-3	
Beryllium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:55	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:55	7440-43-9	
Calcium	**4380**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:55	7440-70-2	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Chromium	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-47-3	
Cobalt	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-48-4	
Copper	**12.8**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-50-8	
Iron	ND	ug/L	50.0	25.0	1	05/24/16 16:10	05/25/16 20:55	7439-89-6	
Lead	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7439-92-1	
Magnesium	**2280**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:55	7439-95-4	
Manganese	**77.2**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7439-96-5	
Nickel	**3.5J**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-02-0	
Potassium	ND	ug/L	5000	2500	1	05/24/16 16:10	05/25/16 20:55	7440-09-7	
Selenium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:55	7782-49-2	
Silver	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-22-4	
Sodium	**9560**	ug/L	5000	500	1	05/24/16 16:10	05/25/16 20:55	7440-23-5	
Thallium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:55	7440-28-0	
Vanadium	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:55	7440-62-2	
Zinc	**223**	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:55	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	05/24/16 10:30	05/24/16 14:33	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	05/24/16 13:07	05/26/16 17:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	208-96-8	
Aniline	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	05/24/16 13:07	05/26/16 17:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	05/24/16 13:07	05/26/16 17:52	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	05/24/16 13:07	05/26/16 17:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	05/24/16 13:07	05/26/16 17:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	05/24/16 13:07	05/26/16 17:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	11.1	1	05/24/16 13:07	05/26/16 17:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.75	1	05/24/16 13:07	05/26/16 17:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	4.2	1	05/24/16 13:07	05/26/16 17:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 17:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1.6	1	05/24/16 13:07	05/26/16 17:52	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:52	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	05/24/16 13:07	05/26/16 17:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:52	95-50-1	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,3-Dichlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:52	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1.4	1	05/24/16 13:07	05/26/16 17:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1.7	1	05/24/16 13:07	05/26/16 17:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	6.5	1	05/24/16 13:07	05/26/16 17:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 17:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.86	1	05/24/16 13:07	05/26/16 17:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.85	1	05/24/16 13:07	05/26/16 17:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 17:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 17:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 17:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	05/24/16 13:07	05/26/16 17:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 17:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	05/24/16 13:07	05/26/16 17:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 17:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52		
Naphthalene	ND	ug/L	10.0	0.34	1	05/24/16 13:07	05/26/16 17:52	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	2.8	1	05/24/16 13:07	05/26/16 17:52	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.4	1	05/24/16 13:07	05/26/16 17:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.5	1	05/24/16 13:07	05/26/16 17:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	5.8	1	05/24/16 13:07	05/26/16 17:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 17:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 17:52	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	2.3	1	05/24/16 13:07	05/26/16 17:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	0.22	1	05/24/16 13:07	05/26/16 17:52	85-01-8	
Phenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 17:52		
Pyrene	ND	ug/L	10.0	0.19	1	05/24/16 13:07	05/26/16 17:52	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 17:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 17:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 17:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	80	%	21-110		1	05/24/16 13:07	05/26/16 17:52	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Surrogates									
2-Fluorobiphenyl (S)	82	%	27-110		1	05/24/16 13:07	05/26/16 17:52	321-60-8	
Terphenyl-d14 (S)	86	%	31-107		1	05/24/16 13:07	05/26/16 17:52	1718-51-0	
Phenol-d6 (S)	26	%	10-110		1	05/24/16 13:07	05/26/16 17:52	13127-88-3	
2-Fluorophenol (S)	40	%	12-110		1	05/24/16 13:07	05/26/16 17:52	367-12-4	
2,4,6-Tribromophenol (S)	69	%	27-110		1	05/24/16 13:07	05/26/16 17:52	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		05/26/16 20:59	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 20:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 20:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 20:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 20:59	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 20:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 20:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 20:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 20:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 20:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 20:59	67-66-3	
Chloromethane	**0.48J**	ug/L	1.0	0.11	1		05/26/16 20:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 20:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 20:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 20:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 20:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 20:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 20:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 20:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 20:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 20:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 20:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 20:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 20:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 20:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 20:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 20:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 20:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 20:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 20:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 20:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 20:59	87-68-3	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-2005 SOUTHSIDE-DUP **Lab ID: 92298690002** Collected: 05/23/16 10:59 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
2-Hexanone	ND	ug/L	5.0	0.46	1		05/26/16 20:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 20:59	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		05/26/16 20:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 20:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 20:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 20:59	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 20:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 20:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 20:59	79-34-5	
Tetrachloroethene	**4.2**	ug/L	1.0	0.46	1		05/26/16 20:59	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		05/26/16 20:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 20:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 20:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 20:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 20:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 20:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 20:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 20:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 20:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		05/26/16 20:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		05/26/16 20:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		05/26/16 20:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		05/26/16 20:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/26/16 20:59	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/26/16 20:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		05/26/16 20:59	2037-26-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 21:07	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	05/24/16 09:51	05/24/16 21:07	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 21:07	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	05/24/16 09:51	05/24/16 21:07	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	05/24/16 09:51	05/24/16 21:07	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	84	%	20-130		1	05/24/16 09:51	05/24/16 21:07	877-09-8	
Decachlorobiphenyl (S)	74	%	20-130		1	05/24/16 09:51	05/24/16 21:07	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	0.50	1	05/24/16 09:51	05/24/16 22:52	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	79	%	10-132		1	05/24/16 09:51	05/24/16 22:52	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Aluminum	ND	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:33	7429-90-5	
Antimony	ND	ug/L	5.0	3.9	1	05/24/16 16:10	05/25/16 20:33	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7440-38-2	
Barium	**6.4**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-39-3	
Beryllium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:33	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	05/24/16 16:10	05/25/16 20:33	7440-43-9	
Calcium	**247**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:33	7440-70-2	

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9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Chromium	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-47-3	
Cobalt	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-48-4	
Copper	**54.2**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-50-8	
Iron	**126**	ug/L	50.0	25.0	1	05/24/16 16:10	05/25/16 20:33	7439-89-6	
Lead	**4.6J**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7439-92-1	
Magnesium	**476**	ug/L	100	50.0	1	05/24/16 16:10	05/25/16 20:33	7439-95-4	
Manganese	**8.1**	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7439-96-5	
Nickel	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-02-0	
Potassium	ND	ug/L	5000	2500	1	05/24/16 16:10	05/25/16 20:33	7440-09-7	
Selenium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7782-49-2	
Silver	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-22-4	
Sodium	**1420J**	ug/L	5000	500	1	05/24/16 16:10	05/25/16 20:33	7440-23-5	
Thallium	ND	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7440-28-0	
Vanadium	ND	ug/L	5.0	2.5	1	05/24/16 16:10	05/25/16 20:33	7440-62-2	
Zinc	**11.3**	ug/L	10.0	5.0	1	05/24/16 16:10	05/25/16 20:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	05/24/16 10:30	05/24/16 14:16	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	05/24/16 13:07	05/26/16 18:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	208-96-8	
Aniline	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	05/24/16 13:07	05/26/16 18:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	05/24/16 13:07	05/26/16 18:22	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	05/24/16 13:07	05/26/16 18:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 18:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	05/24/16 13:07	05/26/16 18:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	05/24/16 13:07	05/26/16 18:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	11.1	1	05/24/16 13:07	05/26/16 18:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 18:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.75	1	05/24/16 13:07	05/26/16 18:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	4.2	1	05/24/16 13:07	05/26/16 18:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.4	1	05/24/16 13:07	05/26/16 18:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 18:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1.6	1	05/24/16 13:07	05/26/16 18:22	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 18:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 18:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 18:22	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	05/24/16 13:07	05/26/16 18:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 18:22	95-50-1	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,3-Dichlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 18:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1.4	1	05/24/16 13:07	05/26/16 18:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 18:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 18:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 18:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1.7	1	05/24/16 13:07	05/26/16 18:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	6.5	1	05/24/16 13:07	05/26/16 18:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.2	1	05/24/16 13:07	05/26/16 18:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.86	1	05/24/16 13:07	05/26/16 18:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.85	1	05/24/16 13:07	05/26/16 18:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	05/24/16 13:07	05/26/16 18:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1.1	1	05/24/16 13:07	05/26/16 18:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.5	1	05/24/16 13:07	05/26/16 18:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	05/24/16 13:07	05/26/16 18:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.8	1	05/24/16 13:07	05/26/16 18:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	05/24/16 13:07	05/26/16 18:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	05/24/16 13:07	05/26/16 18:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22		
Naphthalene	ND	ug/L	10.0	0.34	1	05/24/16 13:07	05/26/16 18:22	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	2.8	1	05/24/16 13:07	05/26/16 18:22	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.4	1	05/24/16 13:07	05/26/16 18:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.5	1	05/24/16 13:07	05/26/16 18:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	5.8	1	05/24/16 13:07	05/26/16 18:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	2.1	1	05/24/16 13:07	05/26/16 18:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.3	1	05/24/16 13:07	05/26/16 18:22	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	2.3	1	05/24/16 13:07	05/26/16 18:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	0.22	1	05/24/16 13:07	05/26/16 18:22	85-01-8	
Phenol	ND	ug/L	10.0	1.7	1	05/24/16 13:07	05/26/16 18:22		
Pyrene	ND	ug/L	10.0	0.19	1	05/24/16 13:07	05/26/16 18:22	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 18:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	2.2	1	05/24/16 13:07	05/26/16 18:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.9	1	05/24/16 13:07	05/26/16 18:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	29	%	21-110		1	05/24/16 13:07	05/26/16 18:22	4165-60-0	1g

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Surrogates									
2-Fluorobiphenyl (S)	31	%	27-110		1	05/24/16 13:07	05/26/16 18:22	321-60-8	
Terphenyl-d14 (S)	44	%	31-107		1	05/24/16 13:07	05/26/16 18:22	1718-51-0	
Phenol-d6 (S)	9	%	10-110		1	05/24/16 13:07	05/26/16 18:22	13127-88-3	S0
2-Fluorophenol (S)	15	%	12-110		1	05/24/16 13:07	05/26/16 18:22	367-12-4	
2,4,6-Tribromophenol (S)	26	%	27-110		1	05/24/16 13:07	05/26/16 18:22	118-79-6	S0
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		05/26/16 21:16	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 21:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 21:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 21:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 21:16	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 21:16	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 21:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 21:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 21:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 21:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 21:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		05/26/16 21:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 21:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 21:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 21:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 21:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 21:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 21:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 21:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 21:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 21:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 21:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 21:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 21:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 21:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 21:16	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 21:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 21:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 21:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 21:16	87-68-3	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: SSWW-GW-268 BYNUM MS/MSD **Lab ID: 92298690003** Collected: 05/23/16 11:58 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
2-Hexanone	ND	ug/L	5.0	0.46	1		05/26/16 21:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:16	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		05/26/16 21:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 21:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 21:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 21:16	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 21:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 21:16	79-34-5	
Tetrachloroethene	**13.3**	ug/L	1.0	0.46	1		05/26/16 21:16	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		05/26/16 21:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 21:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 21:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 21:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 21:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 21:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 21:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 21:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		05/26/16 21:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		05/26/16 21:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		05/26/16 21:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		05/26/16 21:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/26/16 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/26/16 21:16	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		05/26/16 21:16	2037-26-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: TRIP BLANK **Lab ID: 92298690004** Collected: 05/23/16 00:00 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		05/26/16 21:33	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		05/26/16 21:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		05/26/16 21:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		05/26/16 21:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		05/26/16 21:33	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		05/26/16 21:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		05/26/16 21:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/26/16 21:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		05/26/16 21:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		05/26/16 21:33	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		05/26/16 21:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		05/26/16 21:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		05/26/16 21:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		05/26/16 21:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		05/26/16 21:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		05/26/16 21:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		05/26/16 21:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		05/26/16 21:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		05/26/16 21:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		05/26/16 21:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		05/26/16 21:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		05/26/16 21:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		05/26/16 21:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/26/16 21:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		05/26/16 21:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		05/26/16 21:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		05/26/16 21:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		05/26/16 21:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		05/26/16 21:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		05/26/16 21:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		05/26/16 21:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		05/26/16 21:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		05/26/16 21:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		05/26/16 21:33	99-87-6	
Methylene Chloride	**1.0J**	ug/L	2.0	0.97	1		05/26/16 21:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		05/26/16 21:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		05/26/16 21:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		05/26/16 21:33	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		05/26/16 21:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		05/26/16 21:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		05/26/16 21:33	79-34-5	

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ANALYTICAL RESULTS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Sample: TRIP BLANK **Lab ID: 92298690004** Collected: 05/23/16 00:00 Received: 05/23/16 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Tetrachloroethene	ND	ug/L	1.0	0.46	1		05/26/16 21:33	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		05/26/16 21:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		05/26/16 21:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		05/26/16 21:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		05/26/16 21:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		05/26/16 21:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		05/26/16 21:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		05/26/16 21:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		05/26/16 21:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		05/26/16 21:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		05/26/16 21:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		05/26/16 21:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		05/26/16 21:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		05/26/16 21:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/26/16 21:33	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/26/16 21:33	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		05/26/16 21:33	2037-26-5	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

QC Batch: MERP/9477 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92298690001, 92298690002, 92298690003

METHOD BLANK: 1740450 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.10	05/24/16 14:04	

LABORATORY CONTROL SAMPLE: 1740451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.6	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740452 1740453

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.6	2.6	103	102	75-125	1	25	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

QC Batch: MPRP/21820 Analysis Method: EPA 6010
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Associated Lab Samples: 92298690001, 92298690002, 92298690003

METHOD BLANK: 1740438 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aluminum	ug/L	ND	100	50.0	05/25/16 20:27	
Antimony	ug/L	ND	5.0	3.9	05/25/16 20:27	
Arsenic	ug/L	ND	10.0	5.0	05/25/16 20:27	
Barium	ug/L	ND	5.0	2.5	05/25/16 20:27	
Beryllium	ug/L	ND	1.0	0.50	05/25/16 20:27	
Cadmium	ug/L	ND	1.0	0.50	05/25/16 20:27	
Calcium	ug/L	ND	100	50.0	05/25/16 20:27	
Chromium	ug/L	ND	5.0	2.5	05/26/16 16:41	
Cobalt	ug/L	ND	5.0	2.5	05/25/16 20:27	
Copper	ug/L	ND	5.0	2.5	05/25/16 20:27	
Iron	ug/L	ND	50.0	25.0	05/25/16 20:27	
Lead	ug/L	ND	5.0	2.5	05/25/16 20:27	
Magnesium	ug/L	ND	100	50.0	05/25/16 20:27	
Manganese	ug/L	ND	5.0	2.5	05/25/16 20:27	
Nickel	ug/L	ND	5.0	2.5	05/25/16 20:27	
Potassium	ug/L	ND	5000	2500	05/25/16 20:27	
Selenium	ug/L	ND	10.0	5.0	05/25/16 20:27	
Silver	ug/L	ND	5.0	2.5	05/25/16 20:27	
Sodium	ug/L	ND	5000	500	05/25/16 20:27	
Thallium	ug/L	ND	10.0	5.0	05/25/16 20:27	
Vanadium	ug/L	ND	5.0	2.5	05/25/16 20:27	
Zinc	ug/L	ND	10.0	5.0	05/25/16 20:27	

LABORATORY CONTROL SAMPLE: 1740439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	5000	5150	103	80-120	
Antimony	ug/L	500	471	94	80-120	
Arsenic	ug/L	500	453	91	80-120	
Barium	ug/L	500	524	105	80-120	
Beryllium	ug/L	500	479	96	80-120	
Cadmium	ug/L	500	490	98	80-120	
Calcium	ug/L	5000	5110	102	80-120	
Chromium	ug/L	500	504	101	80-120	
Cobalt	ug/L	500	471	94	80-120	
Copper	ug/L	500	509	102	80-120	
Iron	ug/L	5000	4860	97	80-120	
Lead	ug/L	500	468	94	80-120	
Magnesium	ug/L	5000	4960	99	80-120	
Manganese	ug/L	500	484	97	80-120	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

LABORATORY CONTROL SAMPLE: 1740439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nickel	ug/L	500	490	98	80-120	
Potassium	ug/L	5000	4850J	97	80-120	
Selenium	ug/L	500	463	93	80-120	
Silver	ug/L	250	245	98	80-120	
Sodium	ug/L	5000	4840J	97	80-120	
Thallium	ug/L	500	444	89	80-120	
Vanadium	ug/L	500	490	98	80-120	
Zinc	ug/L	500	457	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740440 1740441

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	ND	5000	5000	5220	5170	104	103	75-125	1	20	
Antimony	ug/L	ND	500	500	474	467	95	93	75-125	2	20	
Arsenic	ug/L	ND	500	500	460	451	92	90	75-125	2	20	
Barium	ug/L	6.4	500	500	538	534	106	105	75-125	1	20	
Beryllium	ug/L	ND	500	500	483	477	97	95	75-125	1	20	
Cadmium	ug/L	ND	500	500	494	488	99	98	75-125	1	20	
Calcium	ug/L	247	5000	5000	5400	5350	103	102	75-125	1	20	
Chromium	ug/L	ND	500	500	509	502	101	100	75-125	1	20	
Cobalt	ug/L	ND	500	500	476	470	95	94	75-125	1	20	
Copper	ug/L	54.2	500	500	571	564	103	102	75-125	1	20	
Iron	ug/L	126	5000	5000	5020	4960	98	97	75-125	1	20	
Lead	ug/L	4.6J	500	500	476	472	94	93	75-125	1	20	
Magnesium	ug/L	476	5000	5000	5500	5430	100	99	75-125	1	20	
Manganese	ug/L	8.1	500	500	497	491	98	97	75-125	1	20	
Nickel	ug/L	ND	500	500	496	490	99	98	75-125	1	20	
Potassium	ug/L	ND	5000	5000	5230	5160	96	94	75-125	1	20	
Selenium	ug/L	ND	500	500	466	460	93	92	75-125	1	20	
Silver	ug/L	ND	250	250	247	245	99	98	75-125	1	20	
Sodium	ug/L	1420J	5000	5000	6280	6220	97	96	75-125	1	20	
Thallium	ug/L	ND	500	500	453	451	90	90	75-125	0	20	
Vanadium	ug/L	ND	500	500	497	491	99	98	75-125	1	20	
Zinc	ug/L	11.3	500	500	472	465	92	91	75-125	1	20	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

QC Batch: MSV/37012 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92298690001, 92298690002, 92298690003, 92298690004

METHOD BLANK: 1743126 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003, 92298690004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.33	05/26/16 16:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.48	05/26/16 16:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.40	05/26/16 16:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.29	05/26/16 16:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.32	05/26/16 16:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.56	05/26/16 16:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.49	05/26/16 16:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.33	05/26/16 16:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.41	05/26/16 16:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.35	05/26/16 16:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	2.0	05/26/16 16:09	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.27	05/26/16 16:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.30	05/26/16 16:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.24	05/26/16 16:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.27	05/26/16 16:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.24	05/26/16 16:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	05/26/16 16:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	05/26/16 16:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.13	05/26/16 16:09	
2-Butanone (MEK)	ug/L	ND	5.0	0.96	05/26/16 16:09	
2-Chlorotoluene	ug/L	ND	1.0	0.35	05/26/16 16:09	
2-Hexanone	ug/L	ND	5.0	0.46	05/26/16 16:09	
4-Chlorotoluene	ug/L	ND	1.0	0.31	05/26/16 16:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	0.33	05/26/16 16:09	
Acetone	ug/L	ND	25.0	10.0	05/26/16 16:09	
Benzene	ug/L	ND	1.0	0.25	05/26/16 16:09	
Bromobenzene	ug/L	ND	1.0	0.30	05/26/16 16:09	
Bromochloromethane	ug/L	ND	1.0	0.17	05/26/16 16:09	
Bromodichloromethane	ug/L	ND	1.0	0.18	05/26/16 16:09	
Bromoform	ug/L	ND	1.0	0.26	05/26/16 16:09	
Bromomethane	ug/L	ND	2.0	0.29	05/26/16 16:09	
Carbon tetrachloride	ug/L	ND	1.0	0.25	05/26/16 16:09	
Chlorobenzene	ug/L	ND	1.0	0.23	05/26/16 16:09	
Chloroethane	ug/L	ND	1.0	0.54	05/26/16 16:09	
Chloroform	ug/L	ND	1.0	0.14	05/26/16 16:09	
Chloromethane	ug/L	ND	1.0	0.11	05/26/16 16:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.19	05/26/16 16:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.13	05/26/16 16:09	
Dibromochloromethane	ug/L	ND	1.0	0.21	05/26/16 16:09	
Dibromomethane	ug/L	ND	1.0	0.21	05/26/16 16:09	
Dichlorodifluoromethane	ug/L	ND	1.0	0.21	05/26/16 16:09	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

METHOD BLANK: 1743126 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003, 92298690004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.12	05/26/16 16:09	
Ethylbenzene	ug/L	ND	1.0	0.30	05/26/16 16:09	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.71	05/26/16 16:09	
m&p-Xylene	ug/L	ND	2.0	0.66	05/26/16 16:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.21	05/26/16 16:09	
Methylene Chloride	ug/L	ND	2.0	0.97	05/26/16 16:09	
Naphthalene	ug/L	ND	1.0	0.24	05/26/16 16:09	
o-Xylene	ug/L	ND	1.0	0.23	05/26/16 16:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.31	05/26/16 16:09	
Styrene	ug/L	ND	1.0	0.26	05/26/16 16:09	
Tetrachloroethene	ug/L	ND	1.0	0.46	05/26/16 16:09	
Toluene	ug/L	ND	1.0	0.26	05/26/16 16:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.49	05/26/16 16:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.26	05/26/16 16:09	
Trichloroethene	ug/L	ND	1.0	0.47	05/26/16 16:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.20	05/26/16 16:09	
Vinyl acetate	ug/L	ND	2.0	0.35	05/26/16 16:09	
Vinyl chloride	ug/L	ND	1.0	0.62	05/26/16 16:09	
Xylene (Total)	ug/L	ND	2.0	0.66	05/26/16 16:09	
1,2-Dichloroethane-d4 (S)	%	103	70-130		05/26/16 16:09	
4-Bromofluorobenzene (S)	%	98	70-130		05/26/16 16:09	
Toluene-d8 (S)	%	100	70-130		05/26/16 16:09	

LABORATORY CONTROL SAMPLE: 1743127

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.1	92	70-130	
1,1,1-Trichloroethane	ug/L	50	55.5	111	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.9	92	70-130	
1,1,2-Trichloroethane	ug/L	50	47.5	95	70-130	
1,1-Dichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethene	ug/L	50	60.6	121	70-132	
1,1-Dichloropropene	ug/L	50	57.5	115	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.5	107	70-135	
1,2,3-Trichloropropane	ug/L	50	44.6	89	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.8	104	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	47.3	95	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	47.5	95	70-130	
1,2-Dichloropropane	ug/L	50	48.8	98	70-130	
1,3-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,3-Dichloropropane	ug/L	50	46.6	93	70-130	
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

LABORATORY CONTROL SAMPLE: 1743127

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	56.1	112	58-145	
2-Butanone (MEK)	ug/L	100	100	100	70-145	
2-Chlorotoluene	ug/L	50	51.8	104	70-130	
2-Hexanone	ug/L	100	96.5	97	70-144	
4-Chlorotoluene	ug/L	50	49.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	70-140	
Acetone	ug/L	100	101	101	50-175	
Benzene	ug/L	50	50.6	101	70-130	
Bromobenzene	ug/L	50	50.1	100	70-130	
Bromochloromethane	ug/L	50	52.8	106	70-130	
Bromodichloromethane	ug/L	50	48.5	97	70-130	
Bromoform	ug/L	50	45.5	91	70-130	
Bromomethane	ug/L	50	55.0	110	54-130	
Carbon tetrachloride	ug/L	50	54.2	108	70-132	
Chlorobenzene	ug/L	50	49.2	98	70-130	
Chloroethane	ug/L	50	50.9	102	64-134	
Chloroform	ug/L	50	50.7	101	70-130	
Chloromethane	ug/L	50	51.3	103	64-130	
cis-1,2-Dichloroethene	ug/L	50	54.4	109	70-131	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	46.7	93	70-130	
Dibromomethane	ug/L	50	49.2	98	70-131	
Dichlorodifluoromethane	ug/L	50	42.5	85	56-130	
Diisopropyl ether	ug/L	50	53.8	108	70-130	
Ethylbenzene	ug/L	50	49.3	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.7	105	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	51.1	102	63-130	
Naphthalene	ug/L	50	49.1	98	70-138	
o-Xylene	ug/L	50	47.3	95	70-130	
p-Isopropyltoluene	ug/L	50	50.0	100	70-130	
Styrene	ug/L	50	49.3	99	70-130	
Tetrachloroethene	ug/L	50	47.7	95	70-130	
Toluene	ug/L	50	50.9	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	58.0	116	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	70-132	
Trichloroethene	ug/L	50	50.7	101	70-130	
Trichlorofluoromethane	ug/L	50	47.3	95	62-133	
Vinyl acetate	ug/L	100	106	106	66-157	
Vinyl chloride	ug/L	50	52.5	105	50-150	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1743128 1743129

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	19.2	96	96	70-130	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.6	24.9	128	124	70-130	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.9	19.2	95	96	70-130	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.7	20.2	104	101	70-130	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.9	23.1	119	116	70-130	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	28.3	27.0	142	135	70-166	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	26.9	25.6	134	128	70-130	5	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	20.5	103	102	70-130	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.0	18.2	95	91	70-130	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.5	20.0	102	100	70-130	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.4	18.8	92	94	70-130	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.0	20.7	105	104	70-130	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	20.3	103	101	70-130	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	20.2	107	101	70-130	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.5	108	107	70-130	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.6	21.3	108	107	70-130	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.6	19.6	98	98	70-130	0	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.5	20.2	102	101	70-130	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.8	21.8	114	109	70-130	4	30	
2-Butanone (MEK)	ug/L	ND	40	40	44.0	43.3	110	108	70-130	2	30	
2-Chlorotoluene	ug/L	ND	20	20	22.6	22.3	113	111	70-130	2	30	
2-Hexanone	ug/L	ND	40	40	39.6	40.6	99	101	70-130	3	30	
4-Chlorotoluene	ug/L	ND	20	20	21.5	21.5	107	107	70-130	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	44.3	43.5	111	109	70-130	2	30	
Acetone	ug/L	ND	40	40	46.2	44.2	112	107	70-130	4	30	
Benzene	ug/L	ND	20	20	22.8	22.5	114	113	70-148	1	30	
Bromobenzene	ug/L	ND	20	20	21.0	21.1	105	105	70-130	0	30	
Bromochloromethane	ug/L	ND	20	20	23.6	22.4	118	112	70-130	5	30	
Bromodichloromethane	ug/L	ND	20	20	20.9	20.6	104	103	70-130	1	30	
Bromoform	ug/L	ND	20	20	16.5	16.6	83	83	70-130	0	30	
Bromomethane	ug/L	ND	20	20	23.8	26.2	119	131	70-130	10	30	M1
Carbon tetrachloride	ug/L	ND	20	20	24.5	24.4	122	122	70-130	0	30	
Chlorobenzene	ug/L	ND	20	20	21.1	21.1	106	106	70-146	0	30	
Chloroethane	ug/L	ND	20	20	24.5	24.0	123	120	70-130	2	30	
Chloroform	ug/L	ND	20	20	22.8	21.8	114	109	70-130	4	30	
Chloromethane	ug/L	ND	20	20	24.9	24.7	124	124	70-130	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.4	23.8	122	119	70-130	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	20.5	105	103	70-130	3	30	
Dibromochloromethane	ug/L	ND	20	20	18.5	18.5	92	92	70-130	0	30	
Dibromomethane	ug/L	ND	20	20	21.1	20.2	105	101	70-130	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.1	19.8	100	99	70-130	2	30	
Diisopropyl ether	ug/L	ND	20	20	24.0	23.1	120	115	70-130	4	30	
Ethylbenzene	ug/L	ND	20	20	21.6	21.2	108	106	70-130	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	20.9	105	104	70-130	0	30	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1743128 1743129

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
m&p-Xylene	ug/L	ND	40	40	41.6	41.6	104	104	70-130	0	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.6	21.5	113	108	70-130	5	30	
Methylene Chloride	ug/L	ND	20	20	23.1	22.0	114	108	70-130	5	30	
Naphthalene	ug/L	ND	20	20	19.2	19.2	96	96	70-130	0	30	
o-Xylene	ug/L	ND	20	20	20.3	20.5	102	102	70-130	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.4	21.4	107	107	70-130	0	30	
Styrene	ug/L	ND	20	20	20.7	20.6	103	103	70-130	1	30	
Tetrachloroethene	ug/L	13.3	20	20	34.2	34.4	105	105	70-130	0	30	
Toluene	ug/L	ND	20	20	23.0	22.6	115	113	70-155	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.8	25.1	129	125	70-130	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.9	19.5	100	98	70-130	2	30	
Trichloroethene	ug/L	ND	20	20	23.0	22.3	115	112	69-151	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.4	22.3	112	111	70-130	1	30	
Vinyl acetate	ug/L	ND	40	40	38.3	36.3	96	91	70-130	5	30	
Vinyl chloride	ug/L	ND	20	20	24.7	24.1	123	121	70-130	2	30	
1,2-Dichloroethane-d4 (S)	%						102	103	70-130			
4-Bromofluorobenzene (S)	%						95	98	70-130			
Toluene-d8 (S)	%						102	101	70-130			

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

QC Batch: OEXT/42744 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92298690001, 92298690002, 92298690003

METHOD BLANK: 1740572 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	0.050	05/25/16 00:05	
4,4'-DDE	ug/L	ND	0.050	0.050	05/25/16 00:05	
4,4'-DDT	ug/L	ND	0.050	0.050	05/25/16 00:05	
Aldrin	ug/L	ND	0.050	0.050	05/25/16 00:05	
alpha-BHC	ug/L	ND	0.050	0.050	05/25/16 00:05	
beta-BHC	ug/L	ND	0.050	0.050	05/25/16 00:05	
Chlordane (Technical)	ug/L	ND	0.20	0.20	05/25/16 00:05	
delta-BHC	ug/L	ND	0.050	0.050	05/25/16 00:05	
Dieldrin	ug/L	ND	0.050	0.050	05/25/16 00:05	
Endosulfan I	ug/L	ND	0.050	0.050	05/25/16 00:05	
Endosulfan II	ug/L	ND	0.050	0.050	05/25/16 00:05	
Endosulfan sulfate	ug/L	ND	0.050	0.050	05/25/16 00:05	
Endrin	ug/L	ND	0.050	0.050	05/25/16 00:05	
Endrin aldehyde	ug/L	ND	0.050	0.050	05/25/16 00:05	
Endrin ketone	ug/L	ND	0.050	0.050	05/25/16 00:05	
gamma-BHC (Lindane)	ug/L	ND	0.050	0.050	05/25/16 00:05	
Heptachlor	ug/L	ND	0.050	0.050	05/25/16 00:05	
Heptachlor epoxide	ug/L	ND	0.050	0.050	05/25/16 00:05	
Hexachlorobenzene	ug/L	ND	0.050	0.050	05/25/16 00:05	
Methoxychlor	ug/L	ND	0.15	0.15	05/25/16 00:05	
Mirex	ug/L	ND	0.15	0.15	05/25/16 00:05	
Toxaphene	ug/L	ND	0.20	0.20	05/25/16 00:05	
Decachlorobiphenyl (S)	%	73	20-130		05/25/16 00:05	
Tetrachloro-m-xylene (S)	%	96	20-130		05/25/16 00:05	

LABORATORY CONTROL SAMPLE: 1740573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.26	103	20-150	
4,4'-DDE	ug/L	.25	0.23	95	20-150	
4,4'-DDT	ug/L	.25	0.26	104	20-150	
Aldrin	ug/L	.25	0.20	79	20-150	
alpha-BHC	ug/L	.25	0.25	100	20-150	
beta-BHC	ug/L	.25	0.25	101	20-150	
delta-BHC	ug/L	.25	0.27	107	20-150	
Dieldrin	ug/L	.25	0.24	96	20-150	
Endosulfan I	ug/L	.25	0.25	102	20-150	
Endosulfan II	ug/L	.25	0.26	107	20-150	
Endosulfan sulfate	ug/L	.25	0.27	110	20-150	
Endrin	ug/L	.25	0.26	106	20-150	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

LABORATORY CONTROL SAMPLE: 1740573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	ug/L	.25	0.24	98	20-150	
Endrin ketone	ug/L	.25	0.24	99	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.25	102	20-150	
Heptachlor	ug/L	.25	0.24	95	20-150	
Heptachlor epoxide	ug/L	.25	0.25	100	20-150	
Hexachlorobenzene	ug/L	.25	0.20	81	20-150	
Methoxychlor	ug/L	.74	0.92	123	20-150	
Mirex	ug/L	.74	0.74	100	20-150	
Decachlorobiphenyl (S)	%			61	20-130	
Tetrachloro-m-xylene (S)	%			92	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740574 1740575

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.49	0.48	98	97	20-150	1	30	
4,4'-DDE	ug/L	ND	.5	.5	0.44	0.45	90	90	20-150	1	30	
4,4'-DDT	ug/L	ND	.5	.5	0.49	0.48	99	98	20-150	1	30	
Aldrin	ug/L	ND	.5	.5	0.35	0.41	71	83	20-150	14	30	
alpha-BHC	ug/L	ND	.5	.5	0.41	0.48	82	96	20-150	16	30	
beta-BHC	ug/L	ND	.5	.5	0.45	0.49	91	99	20-150	8	30	
delta-BHC	ug/L	ND	.5	.5	0.48	0.51	97	103	20-150	6	30	
Dieldrin	ug/L	ND	.5	.5	0.45	0.48	90	96	20-150	6	30	
Endosulfan I	ug/L	ND	.5	.5	0.47	0.50	95	101	20-150	7	30	
Endosulfan II	ug/L	ND	.5	.5	0.51	0.52	103	106	20-150	3	30	
Endosulfan sulfate	ug/L	ND	.5	.5	0.52	0.53	105	107	20-150	2	30	
Endrin	ug/L	ND	.5	.5	0.47	0.49	95	100	20-150	5	30	
Endrin aldehyde	ug/L	ND	.5	.5	0.45	0.47	91	96	20-150	5	30	
Endrin ketone	ug/L	ND	.5	.5	0.47	0.48	94	96	20-150	2	30	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.43	0.49	87	99	20-150	13	30	
Heptachlor	ug/L	ND	.5	.5	0.42	0.48	85	97	20-150	14	30	
Heptachlor epoxide	ug/L	ND	.5	.5	0.45	0.49	92	99	20-150	7	30	
Hexachlorobenzene	ug/L	ND	.5	.5	0.36	0.42	72	86	20-150	17	30	
Methoxychlor	ug/L	ND	1.5	1.5	1.7	1.7	115	115	20-150	0	30	
Mirex	ug/L	ND	1.5	1.5	1.5	1.5	98	99	20-150	1	30	
Decachlorobiphenyl (S)	%						65	63	20-130			
Tetrachloro-m-xylene (S)	%						81	95	20-130			

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

QC Batch: OEXT/42742 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92298690001, 92298690002, 92298690003

METHOD BLANK: 1740552 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	0.50	05/24/16 23:54	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	0.50	05/24/16 23:54	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	0.50	05/24/16 23:54	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	0.50	05/24/16 23:54	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	0.50	05/24/16 23:54	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	0.50	05/24/16 23:54	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	0.50	05/24/16 23:54	
Decachlorobiphenyl (S)	%	79	10-132		05/24/16 23:54	

LABORATORY CONTROL SAMPLE: 1740553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.2	83	50-150	
PCB-1260 (Aroclor 1260)	ug/L	5	4.8	96	50-150	
Decachlorobiphenyl (S)	%			70	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740554 1740555

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	8.5	7.4	85	74	50-150	14	30	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	8.5	7.5	85	75	50-150	12	30	
Decachlorobiphenyl (S)	%						59	54	10-132			

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

QC Batch: OEXT/42748 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92298690001, 92298690002, 92298690003

METHOD BLANK: 1740837 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	1.9	05/25/16 09:50	
1,2-Dichlorobenzene	ug/L	ND	10.0	1.2	05/25/16 09:50	
1,3-Dichlorobenzene	ug/L	ND	10.0	1.1	05/25/16 09:50	
1,4-Dichlorobenzene	ug/L	ND	10.0	1.2	05/25/16 09:50	
1-Methylnaphthalene	ug/L	ND	10.0	0.32	05/25/16 09:50	
2,4,5-Trichlorophenol	ug/L	ND	10.0	2.2	05/25/16 09:50	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.9	05/25/16 09:50	
2,4-Dichlorophenol	ug/L	ND	10.0	1.7	05/25/16 09:50	
2,4-Dimethylphenol	ug/L	ND	10.0	2.2	05/25/16 09:50	
2,4-Dinitrophenol	ug/L	ND	50.0	6.5	05/25/16 09:50	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.2	05/25/16 09:50	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	05/25/16 09:50	
2-Chloronaphthalene	ug/L	ND	10.0	2.2	05/25/16 09:50	
2-Chlorophenol	ug/L	ND	10.0	1.5	05/25/16 09:50	
2-Methylnaphthalene	ug/L	ND	10.0	0.28	05/25/16 09:50	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.7	05/25/16 09:50	
2-Nitroaniline	ug/L	ND	50.0	2.8	05/25/16 09:50	
2-Nitrophenol	ug/L	ND	10.0	1.7	05/25/16 09:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.7	05/25/16 09:50	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	1.4	05/25/16 09:50	
3-Nitroaniline	ug/L	ND	50.0	2.4	05/25/16 09:50	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	1.7	05/25/16 09:50	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.3	05/25/16 09:50	
4-Chloro-3-methylphenol	ug/L	ND	20.0	4.2	05/25/16 09:50	
4-Chloroaniline	ug/L	ND	20.0	3.4	05/25/16 09:50	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.1	05/25/16 09:50	
4-Nitroaniline	ug/L	ND	20.0	2.5	05/25/16 09:50	
4-Nitrophenol	ug/L	ND	50.0	5.8	05/25/16 09:50	
Acenaphthene	ug/L	ND	10.0	0.25	05/25/16 09:50	
Acenaphthylene	ug/L	ND	10.0	0.21	05/25/16 09:50	
Aniline	ug/L	ND	10.0	1.3	05/25/16 09:50	
Anthracene	ug/L	ND	10.0	0.14	05/25/16 09:50	
Benzo(a)anthracene	ug/L	ND	10.0	0.33	05/25/16 09:50	
Benzo(a)pyrene	ug/L	ND	10.0	0.30	05/25/16 09:50	
Benzo(b)fluoranthene	ug/L	ND	10.0	0.28	05/25/16 09:50	
Benzo(g,h,i)perylene	ug/L	ND	10.0	0.38	05/25/16 09:50	
Benzo(k)fluoranthene	ug/L	ND	10.0	0.43	05/25/16 09:50	
Benzoic Acid	ug/L	ND	50.0	11.1	05/25/16 09:50	
Benzyl alcohol	ug/L	ND	20.0	3.4	05/25/16 09:50	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.7	05/25/16 09:50	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.5	05/25/16 09:50	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

METHOD BLANK: 1740837 Matrix: Water
Associated Lab Samples: 92298690001, 92298690002, 92298690003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	1.6	05/25/16 09:50	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	0.85	05/25/16 09:50	
Butylbenzylphthalate	ug/L	ND	10.0	0.75	05/25/16 09:50	
Chrysene	ug/L	ND	10.0	0.21	05/25/16 09:50	
Di-n-butylphthalate	ug/L	ND	10.0	1.1	05/25/16 09:50	
Di-n-octylphthalate	ug/L	ND	10.0	0.86	05/25/16 09:50	
Dibenz(a,h)anthracene	ug/L	ND	10.0	0.55	05/25/16 09:50	
Dibenzofuran	ug/L	ND	10.0	1.8	05/25/16 09:50	
Diethylphthalate	ug/L	ND	10.0	1.3	05/25/16 09:50	
Dimethylphthalate	ug/L	ND	10.0	1.5	05/25/16 09:50	
Fluoranthene	ug/L	ND	10.0	0.21	05/25/16 09:50	
Fluorene	ug/L	ND	10.0	0.21	05/25/16 09:50	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	1.8	05/25/16 09:50	
Hexachlorobenzene	ug/L	ND	10.0	1.1	05/25/16 09:50	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.8	05/25/16 09:50	
Hexachloroethane	ug/L	ND	10.0	1.5	05/25/16 09:50	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	0.29	05/25/16 09:50	
Isophorone	ug/L	ND	10.0	1.8	05/25/16 09:50	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	2.1	05/25/16 09:50	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.3	05/25/16 09:50	
N-Nitrosodiphenylamine	ug/L	ND	10.0	1.3	05/25/16 09:50	
Naphthalene	ug/L	ND	10.0	0.34	05/25/16 09:50	
Nitrobenzene	ug/L	ND	10.0	1.7	05/25/16 09:50	
Pentachlorophenol	ug/L	ND	25.0	2.3	05/25/16 09:50	
Phenanthrene	ug/L	ND	10.0	0.22	05/25/16 09:50	
Phenol	ug/L	ND	10.0	1.7	05/25/16 09:50	
Pyrene	ug/L	ND	10.0	0.19	05/25/16 09:50	
2,4,6-Tribromophenol (S)	%	53	27-110		05/25/16 09:50	
2-Fluorobiphenyl (S)	%	56	27-110		05/25/16 09:50	
2-Fluorophenol (S)	%	32	12-110		05/25/16 09:50	
Nitrobenzene-d5 (S)	%	57	21-110		05/25/16 09:50	
Phenol-d6 (S)	%	22	10-110		05/25/16 09:50	
Terphenyl-d14 (S)	%	64	31-107		05/25/16 09:50	

LABORATORY CONTROL SAMPLE: 1740838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	31.7	63	31-120	
1,2-Dichlorobenzene	ug/L	50	29.5	59	38-120	
1,3-Dichlorobenzene	ug/L	50	29.4	59	30-122	
1,4-Dichlorobenzene	ug/L	50	29.0	58	37-120	
1-Methylnaphthalene	ug/L	50	33.9	68	34-113	
2,4,5-Trichlorophenol	ug/L	50	35.9	72	43-113	
2,4,6-Trichlorophenol	ug/L	50	36.7	73	42-120	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

LABORATORY CONTROL SAMPLE: 1740838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dichlorophenol	ug/L	50	34.4	69	30-120	
2,4-Dimethylphenol	ug/L	50	34.8	70	29-111	
2,4-Dinitrophenol	ug/L	250	138	55	19-132	
2,4-Dinitrotoluene	ug/L	50	40.2	80	58-128	
2,6-Dinitrotoluene	ug/L	50	39.6	79	54-129	
2-Chloronaphthalene	ug/L	50	34.7	69	43-117	
2-Chlorophenol	ug/L	50	31.7	63	37-120	
2-Methylnaphthalene	ug/L	50	31.9	64	33-120	
2-Methylphenol(o-Cresol)	ug/L	50	28.4	57	31-120	
2-Nitroaniline	ug/L	100	74.3	74	48-121	
2-Nitrophenol	ug/L	50	34.6	69	25-116	
3&4-Methylphenol(m&p Cresol)	ug/L	50	24.5	49	23-120	
3,3'-Dichlorobenzidine	ug/L	100	78.1	78	10-154	
3-Nitroaniline	ug/L	100	71.4	71	43-115	
4,6-Dinitro-2-methylphenol	ug/L	100	78.6	79	44-124	
4-Bromophenylphenyl ether	ug/L	50	35.1	70	34-113	
4-Chloro-3-methylphenol	ug/L	100	69.3	69	31-110	
4-Chloroaniline	ug/L	100	67.3	67	20-120	
4-Chlorophenylphenyl ether	ug/L	50	38.2	76	34-116	
4-Nitroaniline	ug/L	100	77.4	77	46-128	
4-Nitrophenol	ug/L	250	83.2	33	11-120	
Acenaphthene	ug/L	50	34.4	69	48-114	
Acenaphthylene	ug/L	50	34.8	70	48-112	
Aniline	ug/L	50	26.5	53	26-120	
Anthracene	ug/L	50	34.3	69	57-118	
Benzo(a)anthracene	ug/L	50	38.4	77	56-121	
Benzo(a)pyrene	ug/L	50	35.8	72	55-127	
Benzo(b)fluoranthene	ug/L	50	34.1	68	53-128	
Benzo(g,h,i)perylene	ug/L	50	36.6	73	54-125	
Benzo(k)fluoranthene	ug/L	50	36.0	72	51-123	
Benzoic Acid	ug/L	250	57.5	23	10-120	
Benzyl alcohol	ug/L	100	60.8	61	27-120	
bis(2-Chloroethoxy)methane	ug/L	50	37.0	74	32-120	
bis(2-Chloroethyl) ether	ug/L	50	36.6	73	33-111	
bis(2-Chloroisopropyl) ether	ug/L	50	38.7	77	15-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	42.4	85	50-145	
Butylbenzylphthalate	ug/L	50	42.2	84	54-138	
Chrysene	ug/L	50	38.7	77	58-127	
Di-n-butylphthalate	ug/L	50	40.1	80	56-125	
Di-n-octylphthalate	ug/L	50	40.9	82	50-134	
Dibenz(a,h)anthracene	ug/L	50	40.9	82	53-129	
Dibenzofuran	ug/L	50	39.0	78	45-120	
Diethylphthalate	ug/L	50	41.6	83	53-120	
Dimethylphthalate	ug/L	50	41.2	82	55-116	
Fluoranthene	ug/L	50	36.1	72	57-125	
Fluorene	ug/L	50	37.2	74	53-118	
Hexachloro-1,3-butadiene	ug/L	50	30.0	60	23-120	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

LABORATORY CONTROL SAMPLE: 1740838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/L	50	34.3	69	49-116	
Hexachlorocyclopentadiene	ug/L	50	24.7	49	26-158	
Hexachloroethane	ug/L	50	29.4	59	30-114	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.2	78	55-128	
Isophorone	ug/L	50	37.0	74	31-118	
N-Nitroso-di-n-propylamine	ug/L	50	35.3	71	32-119	
N-Nitrosodimethylamine	ug/L	50	18.1	36	13-120	
N-Nitrosodiphenylamine	ug/L	50	33.4	67	43-120	
Naphthalene	ug/L	50	31.0	62	32-120	
Nitrobenzene	ug/L	50	36.0	72	33-110	
Pentachlorophenol	ug/L	100	65.8	66	10-137	
Phenanthrene	ug/L	50	34.7	69	57-117	
Phenol	ug/L	50	16.2	32	10-120	
Pyrene	ug/L	50	36.7	73	55-122	
2,4,6-Tribromophenol (S)	%			71	27-110	
2-Fluorobiphenyl (S)	%			69	27-110	
2-Fluorophenol (S)	%			38	12-110	
Nitrobenzene-d5 (S)	%			72	21-110	
Phenol-d6 (S)	%			27	10-110	
Terphenyl-d14 (S)	%			76	31-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740839 1740840

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	100	100	82.1	81.4	82	81	10-110	1	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	69.7	70.3	70	70	10-110	1	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	69.9	70.2	70	70	10-110	0	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	68.3	67.8	68	68	10-110	1	30	
1-Methylnaphthalene	ug/L	ND	100	100	82.6	83.1	83	83	14-110	1	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	85.8	86.4	86	86	19-105	1	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	88.8	85.8	89	86	13-108	3	30	
2,4-Dichlorophenol	ug/L	ND	100	100	83.5	85.8	83	86	29-111	3	30	
2,4-Dimethylphenol	ug/L	ND	100	100	84.1	81.3	84	81	21-103	3	30	
2,4-Dinitrophenol	ug/L	ND	500	500	271	299	54	60	10-109	10	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	87.5	90.2	87	90	27-104	3	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	87.5	89.0	88	89	28-101	2	30	
2-Chloronaphthalene	ug/L	ND	100	100	85.5	86.4	86	86	14-102	1	30	
2-Chlorophenol	ug/L	ND	100	100	77.6	77.2	78	77	16-110	1	30	
2-Methylnaphthalene	ug/L	ND	100	100	78.2	77.7	78	78	13-110	1	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	69.0	70.0	69	70	19-110	1	30	
2-Nitroaniline	ug/L	ND	200	200	166	165	83	82	26-103	1	30	
2-Nitrophenol	ug/L	ND	100	100	83.1	81.6	83	82	20-110	2	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	64.0	65.0	64	65	20-110	2	30	

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QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740839 1740840

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3,3'-Dichlorobenzidine	ug/L	ND	200	200	159	165	80	83	25-112	4	30	
3-Nitroaniline	ug/L	ND	200	200	161	171	81	85	29-110	6	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	167	168	83	84	10-117	1	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	83.6	81.8	84	82	20-105	2	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	169	172	85	86	22-110	1	30	
4-Chloroaniline	ug/L	ND	200	200	151	160	75	80	20-100	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	90.6	91.1	91	91	19-102	1	30	
4-Nitroaniline	ug/L	ND	200	200	164	172	82	86	29-110	5	30	
4-Nitrophenol	ug/L	ND	500	500	240	260	48	52	10-110	8	30	
Acenaphthene	ug/L	ND	100	100	81.9	84.0	82	84	17-100	3	30	
Acenaphthylene	ug/L	ND	100	100	83.4	83.1	83	83	21-100	0	30	
Aniline	ug/L	ND	100	100	59.1	64.3	59	64	10-110	8	30	
Anthracene	ug/L	ND	100	100	78.8	78.5	79	78	24-109	0	30	
Benzo(a)anthracene	ug/L	ND	100	100	87.3	85.5	87	86	22-117	2	30	
Benzo(a)pyrene	ug/L	ND	100	100	90.5	92.0	91	92	23-104	2	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	86.2	84.1	86	84	23-103	2	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	85.9	86.4	86	86	18-111	1	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	94.4	96.7	94	97	22-113	2	30	
Benzoic Acid	ug/L	ND	500	500	182	184	36	37	10-110	1	30	
Benzyl alcohol	ug/L	ND	200	200	151	155	76	77	19-101	2	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	88.3	89.3	88	89	22-110	1	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	82.5	80.8	83	81	16-110	2	30	
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	87.5	88.7	87	89	14-110	1	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	97.4	97.1	97	97	23-102	0	30	
Butylbenzylphthalate	ug/L	ND	100	100	96.5	97.1	97	97	25-110	1	30	
Chrysene	ug/L	ND	100	100	90.3	90.3	90	90	23-115	0	30	
Di-n-butylphthalate	ug/L	ND	100	100	91.6	90.8	92	91	26-110	1	30	
Di-n-octylphthalate	ug/L	ND	100	100	83.5	84.2	84	84	22-110	1	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	90.0	87.4	90	87	21-112	3	30	
Dibenzofuran	ug/L	ND	100	100	91.0	93.3	91	93	19-102	2	30	
Diethylphthalate	ug/L	ND	100	100	93.1	95.5	93	95	29-110	3	30	
Dimethylphthalate	ug/L	ND	100	100	91.6	93.1	92	93	27-110	2	30	
Fluoranthene	ug/L	ND	100	100	80.7	79.9	81	80	23-112	1	30	
Fluorene	ug/L	ND	100	100	86.7	88.0	87	88	22-104	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	77.1	78.1	77	78	10-110	1	30	
Hexachlorobenzene	ug/L	ND	100	100	78.5	78.3	79	78	21-116	0	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	63.4	62.4	63	62	10-110	2	30	
Hexachloroethane	ug/L	ND	100	100	70.1	69.7	70	70	10-110	1	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	90.7	89.9	91	90	20-113	1	30	
Isophorone	ug/L	ND	100	100	86.5	86.0	86	86	50-150	1	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	76.3	78.4	76	78	21-105	3	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	56.1	57.0	56	57	10-110	2	30	
N-Nitrosodiphenylamine	ug/L	ND	100	100	76.8	75.8	77	76	23-107	1	30	
Naphthalene	ug/L	ND	100	100	76.5	76.4	77	76	10-110	0	30	
Nitrobenzene	ug/L	ND	100	100	84.5	83.8	85	84	20-110	1	30	
Pentachlorophenol	ug/L	ND	200	200	132	139	66	69	10-118	5	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.

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

QUALITY CONTROL DATA

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1740839 1740840

Parameter	Units	92298690003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenanthrene	ug/L	ND	100	100	80.6	79.5	81	79	24-106	1	30	
Phenol	ug/L	ND	100	100	49.3	50.4	49	50	12-110	2	30	
Pyrene	ug/L	ND	100	100	85.4	85.8	85	86	24-114	1	30	
2,4,6-Tribromophenol (S)	%						82	83	27-110			
2-Fluorobiphenyl (S)	%						87	87	27-110			
2-Fluorophenol (S)	%						56	55	12-110			
Nitrobenzene-d5 (S)	%						85	85	21-110			
Phenol-d6 (S)	%						43	43	10-110			
Terphenyl-d14 (S)	%						82	76	31-107			

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

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-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	Sample re-extracted outside method hold time. Results of re-analysis confirmed original analysis performed within hold time.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S0	Surrogate recovery outside laboratory control limits.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SOUTH SIDE WATER WELL
Pace Project No.: 92298690

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 3510	OEXT/42744	EPA 8081	GCSV/25081
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 3510	OEXT/42744	EPA 8081	GCSV/25081
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 3510	OEXT/42744	EPA 8081	GCSV/25081
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 3510	OEXT/42742	EPA 8082	GCSV/25080
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 3510	OEXT/42742	EPA 8082	GCSV/25080
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 3510	OEXT/42742	EPA 8082	GCSV/25080
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 3010A	MPRP/21820	EPA 6010	ICP/19566
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 3010A	MPRP/21820	EPA 6010	ICP/19566
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 3010A	MPRP/21820	EPA 6010	ICP/19566
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 7470	MERP/9477	EPA 7470	MERC/9114
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 7470	MERP/9477	EPA 7470	MERC/9114
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 7470	MERP/9477	EPA 7470	MERC/9114
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 3510	OEXT/42748	EPA 8270	MSSV/12298
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 3510	OEXT/42748	EPA 8270	MSSV/12298
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 3510	OEXT/42748	EPA 8270	MSSV/12298
92298690001	**SSWW-GW-2005 SOUTHSIDE**	EPA 8260	MSV/37012		
92298690002	**SSWW-GW-2005 SOUTHSIDE-DUP**	EPA 8260	MSV/37012		
92298690003	**SSWW-GW-268 BYNUM MS/MSD**	EPA 8260	MSV/37012		
92298690004	**TRIP BLANK**	EPA 8260	MSV/37012		

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Page 2 of 2 for Internal Use Only

Sample Condition Upon Receipt

Client Name: Tetra Tech **Project #:** WO# : 92298690

92298690

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other:_____

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: RP 5/23/16

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other:_____

Thermometer: T1505 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Correction Factor: 0.0°C **Cooler Temp Corrected (°C):** 17.6°C **Biological Tissue Frozen?** ☐ Yes ☒ No ☐ N/A

Temp should be above freezing to 6°C

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	RP 5/23/16 ☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Samples Field Filtered?	☐ Yes	☒ No	☐ N/A	8. Note if sediment is visible in the dissolved container
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: Water	☐ Yes	☒ No	☐ N/A	9. (1) No Sample lable, NO TIME, NO ID, NO Date on cell
All containers needing acid/base preservation have been checked?	☒ Yes	☐ No	☐ N/A	10. HNO3 pH<2; HCl pH<2; H2SO4 pH<2; NaOH pH>12; NaOH/ZnOAc pH>9 — (2) Sample Received Trip Blank which is not on COC
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☒ Yes	☐ No	☐ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC,LLHg	☐ Yes	☒ No	☐ N/A	
Samples checked for dechlorination?	☒ Yes	☐ No	☐ N/A	11.
Headspace in VOA Vials (>5-6mm)?	☒ Yes	☐ No RP 5/23/16	☐ N/A	12.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	13.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):_____				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Sample Discrepancy: _____

Project Manager SCURF Review: TR **Date:** 5/24

Project Manager SRF Review: TR **Date:** 5/24

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)

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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

Section A Required Client Information:

Company: Tetra Tech
Address: 1955 Evergreen Blvd
Duluth, GA 30096
Email To: brian.croft@tetratech.com
Phone: 206.300.0301 Fax:
Requested Due Date/TAT: 5-7 business days

Section B Required Project Information:

Report To: brian.croft@tetratech.com
Copy To: jessica.vickers@tetratech.com
Purchase Order No.:
Project Name: South Side Water Well
Project Number: TT-02-023

Section C Invoice Information:

Attention: Jessica Vickers
Company Name: Tetra Tech Inc.
Address: Duluth, GA
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 8029-8

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VOCs	SVOCs	Metals	PCB/Pest.	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SSWW-GW-2005 SOUTHSIDE	DW	G	5/23/16	1057				8	4		1	3					X	X	X	X		001
2	SSWW-GW-2005 SOUTHSIDE-DUP	DW	G	5/23/16	1059				8	4		1	3					X	X	X	X		002
3	SSWW-GW-268 BYNUM	DW	G	5/23/16	1158				24	12		3	9					X	X	X	X		MS/MSD 003
4																							TB 004
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

92398690

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)
	Brian S. Croft / Tetra Tech	5/23/16	1310	[illegible] / PCA	5/23	1310	17.6	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brian Croft
SIGNATURE of SAMPLER: Brian S. Croft
DATE Signed (MM/DD/YY): 5/23/16

*Important Note: By signing this form you 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.

ENCLOSURE 4

TETRA TECH FIELD SHEETS

(Two Sheets)

RESIDENTIAL WELL/GROUNDWATER SAMPLING SHEET

Street Address: 2005 Southside Rd.

Date: 5/23/16

Project Name: South Side

Project No.: TT-02-023

Sampler: Brian Croft / GEOIE Krull

Well Volume:

1-inch well = water column (ft) x 0.04 gal/ft

2-inch well = water column (ft) x 0.163 gal/ft

Depth to Well Bottom: _____ ft

Depth to Water: _____ ft

Water Column: _____ ft

Well Diameter: _____ in

Well Volume: _____ gal

Immiscible Layer? _____

Time	Volume Purged (gal.)	Water Level (ft BTOC)	Temp. (C)	Conduct. SPEC. (µS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
10:20	≈1.3gl/min		16.3	101.8	5.86	5.33	201.4	9.1
10:30			16.3	103.9	6.08	5.29	231.4	3.0
10:35			16.3	107.2	5.99	5.27	250.7	14.7
10:40			16.4	105.2	5.95	5.29	257.1	19.3
10:45			16.5	108.7	5.92	5.28	260.0	29.9
10:50			16.4	107.2	5.90	5.28	261.6	51.8
10:55			16.5	111.1	5.87	5.27	264.9	38.0

Purge Time START	10:18
Purge Time END	10:55
Sample Time	10:57
Sample Date	5/23/2016
Sample Name	SSWW-GW-

2005 SOUTHSIDE

Total Volume Purged	gallons
Pump Type	N/A
Purged Dry?	NO
Duplicate?	YES
MS/MSD?	NO

RESIDENTIAL WELL/GROUNDWATER SAMPLING SHEET

Street Address: 268 Bynum

Date: 5/23/2016

Project Name: South Side

Project No.: TT-02-023

Sampler: Brian Croft / George Krull

Depth to Well Bottom: _____ ft

Depth to Water: _____ ft

Water Column: _____ ft

Well Diameter: _____ in

Well Volume: _____ gal

Well Volume:

1-inch well = water column (ft) x 0.04 gal/ft

2-inch well = water column (ft) x 0.163 gal/ft

Immiscible Layer? _____

Time	Volume Purged (gal.)	Water Level (ft BTOC)	Temp. (C)	Conduct. (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
11:40	0.67 gal/min		16.8	20.2	7.68	5.13	248.5	1.0
11:45			16.8	19.9	7.82	5.12	251.5	1.1
11:50			16.8	19.7	7.88	5.12	254.8	1.0
11:55			16.6	19.4	7.91	5.12	258.1	0.9

Purge Time START	11:30
Purge Time END	11:55
Sample Time	1158
Sample Date	5/23/2016
Sample Name	SSWW-GW-268 Bynum

Total Volume Purged	gallons
Pump Type	N/A
Purged Dry?	NO
Duplicate?	NO
MS/MSD?	YES