FOURTH QUARTER GROUNDWATER MONITORING REPORT, NOVEMBER 2016

DR. CALHOUN'S OFFICE

502 WEST SECOND STREET

SEYMOUR, INDIANA 47274

VRP #6120204

FOR:

DR. CHARLES W. CALHOUN

502 WEST SECOND STREET

SEYMOUR, INDIANA 47274

BY:

MONTGOMERY ENVIRONMENTAL, INC.

405 NORTH WALNUT STREET

SEYMOUR, INDIANA 47274

Prepared by:
Douglas, M. Montgomery, LPG 958
Senior Project Manager

December 13, 2016

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DR. CALHOUN'S OFFICE

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HISTORY

Releases of petroleum from historic service station operations at Dr. Charles W. Calhoun's Office (Site) were identified during a Phase II Environmental Site Investigation conducted by Montgomery Environmental, Inc. (MEI) in August 2011. Dr. Calhoun's Office is located at 502 West Second Street in Seymour, Indiana. In the 1940s until 1949, the Site operated as Wib's Gulf Service Station. A 1949 Sanborn Fire Insurance Map showed three underground gasoline tanks onsite. The 1954 Sanborn map showed the Site as a "Dr.'s Office" with no fuel tanks present, indicating the tanks had been removed around 1950 when Dr. Joseph Black purchased the Site and remodeled and expanded the building. The Topographic Location Map and the Site Map are in Appendix A as Figures 1 and 2, respectively.

The Site currently operates as the office of Dr. Charles Calhoun. In May 2012, Dr. Calhoun entered into an agreement with the Indiana Department of Environmental Management (IDEM) Voluntary Remediation Program (VRP) to further investigate the Site and remediate petroleum contaminated soil and groundwater associated with the Site's historic fuel dispensing operations.

In May 2014, two additional monitoring wells (MW-7 and MW-8) were installed on the west side of the residence adjacent west of Dr. Calhoun's Office. The May 2014 quarterly status report described the installation of those wells and included their soil boring logs and as-built diagrams. This report documents the May 2016 groundwater sampling activities and includes

the laboratory analytical results for groundwater collected from the Site's eight monitoring wells. Table 2 in Appendix B summarizes analytical results for all groundwater monitoring events.

GROUNDWATER SAMPLING METHODS

The most recent sampling event was conducted November, 16, 2016. Water level data from all groundwater monitoring events are shown on Table 1 of Appendix B. Mr. Aaron Norton, of Fields Environmental, Inc. and Mr. Doug Montgomery, of MEI, conducted the sampling.

The direction of groundwater flow is toward the west based upon the water table gradient. In late 2014, the water table surface was slightly affected by excavation at the public water supply line near the southeast corner of the Site. The November 2016 potentiometric surface map is in Appendix A.

Prior to sampling, the wells were opened and allowed to stabilize. After about one hour, depth to groundwater measurements were collected at each well. The water level probe was decontaminated with Alconox and water and rinsed between measurements to minimize potential for cross-contamination. After water level measurement, water quality sampling was initiated. At each well, low flow stabilization parameters: temperature, specific conductance, pH, oxygen reduction potential/Eh, water level, and dissolved oxygen were measured at approximate two minute intervals until stabilization. Upon stabilization, groundwater was collected for analyses. A Micro Purge Basics Flow Cell and new, dedicated Tygon tubing was used to collect water samples at each well. Sampling personnel used new vinyl gloves to collect each sample and the gloves were discarded after sampling each well to limit potential for cross-contamination. Downhole stabilization monitoring equipment was decontaminated with Alconox and water and rinsed between measurements to minimize potential for cross-contamination. Samples to be analyzed for volatile organic compounds (VOCs) were pumped directly into the laboratory-provided 40-ml amber glass sample containers. Samples were carefully collected to prevent the presence of air bubbles in each container and to minimize volatilization. The VOC vials contained hydrochloric acid preservative. Samples were also collected and analyzed for poly-aromatic hydrocarbons (PAHs). PAH samples were collected directly into laboratory-provided

100-ml amber glass sample containers. Duplicate samples were collected at well MW-6 and a matrix spike/matrix spike duplicate sample was collected from well MW-3 for analyses. Upon collection, groundwater samples were labeled and placed on ice in a cooler to minimize the potential for volatilization. A VOC trip blank was submitted to the laboratory for analyses. A chain-of-custody form accompanied samples to the laboratory.

Total lead sampling and analysis was discontinued on all wells as data have shown lead in groundwater to be within Remediation Closure Guideline (RCG) screening levels (SLs). The IDEM has stated that data results have shown lead is not a groundwater concern and does not requiring additional monitoring.

Groundwater samples were analyzed for VOCs by method EPA-8260. Samples were analyzed for PAHs using method EPA-8270 SIM. A level IV QA data package was requested from the laboratory.

GROUNDWATER ANALYTICAL RESULTS

The Site Map, the Potentiometric Surface Map showing water table elevations and the groundwater flow direction, and the Groundwater Data Map showing detected contaminants of concern are in Appendix A. Analytical results for all groundwater sampling events are summarized in Table 2 of Appendix B. Field Logs for the sampling event are in Appendix C. A copy of the Pace Analytical Services data report is in Appendix D.

Benzene at onsite perimeter well MW-2 measured 17.2 parts per billion (ppb). Analytical results also show 13.9 ppb benzene at offsite well MW-6. Monitoring well MW-6 is just downgradient of MW-2. These data are similar to and within the range of prior sampling events.

Analytical data show groundwater from MW-5 measured: 8.3 ppb for benzene; 57.7 ppb naphthalene; 146 ppb 1,2,4-trimethylbenzene; 9.1 ppb 1-methylnaphthalene; and 14.1 ppb 2-

methylnaphthalene. Benzene and naphthalene are present in the groundwater of MW-5 above their RCG SLs.

CONCLUSIONS

Groundwater showed elevated contaminant levels at onsite monitoring wells MW-2, MW-5, and and offsite monitoring well MW-6.

Water table elevation data continues to show evidence of the excavation where the public water supply line at the street and sidewalk was repaired in the winter of 2014 at the southeast corner of the Site.

A Remediation Work Plan has been submitted for IDEM review. The remediation proposed includes introduction of petroleum degrading bacteria and nutrients and may reduce contaminant levels in soil and ground water to levels that meet 2013 Remediation Closure Guide Screening Levels.

Water quality monitoring will continue to be conducted quarterly in accordance with accepted practices.

Douglas Montgomery, LPG 958
Montgomery Environmental, Inc.
December 13, 2016

Appendix A - Maps

Figure 1 - Topographic Location Map
Figure 2 - Site Map
Figure 3 - November 2016 Potentiometric Surface Map
Figure 4 - November 2016 Groundwater Data Summary Map

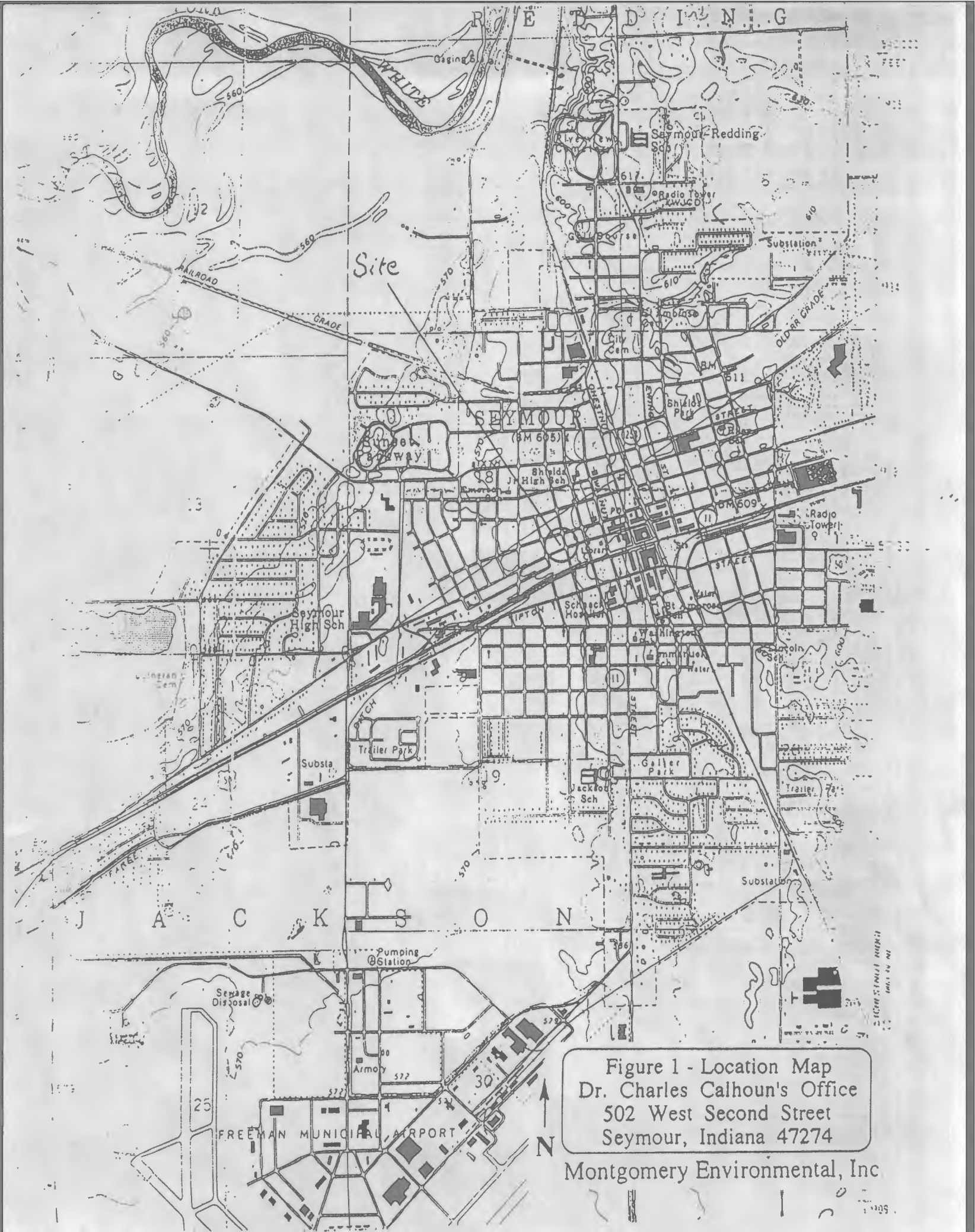


Figure 1 - Location Map
Dr. Charles Calhoun's Office
502 West Second Street
Seymour, Indiana 47274

Montgomery Environmental, Inc

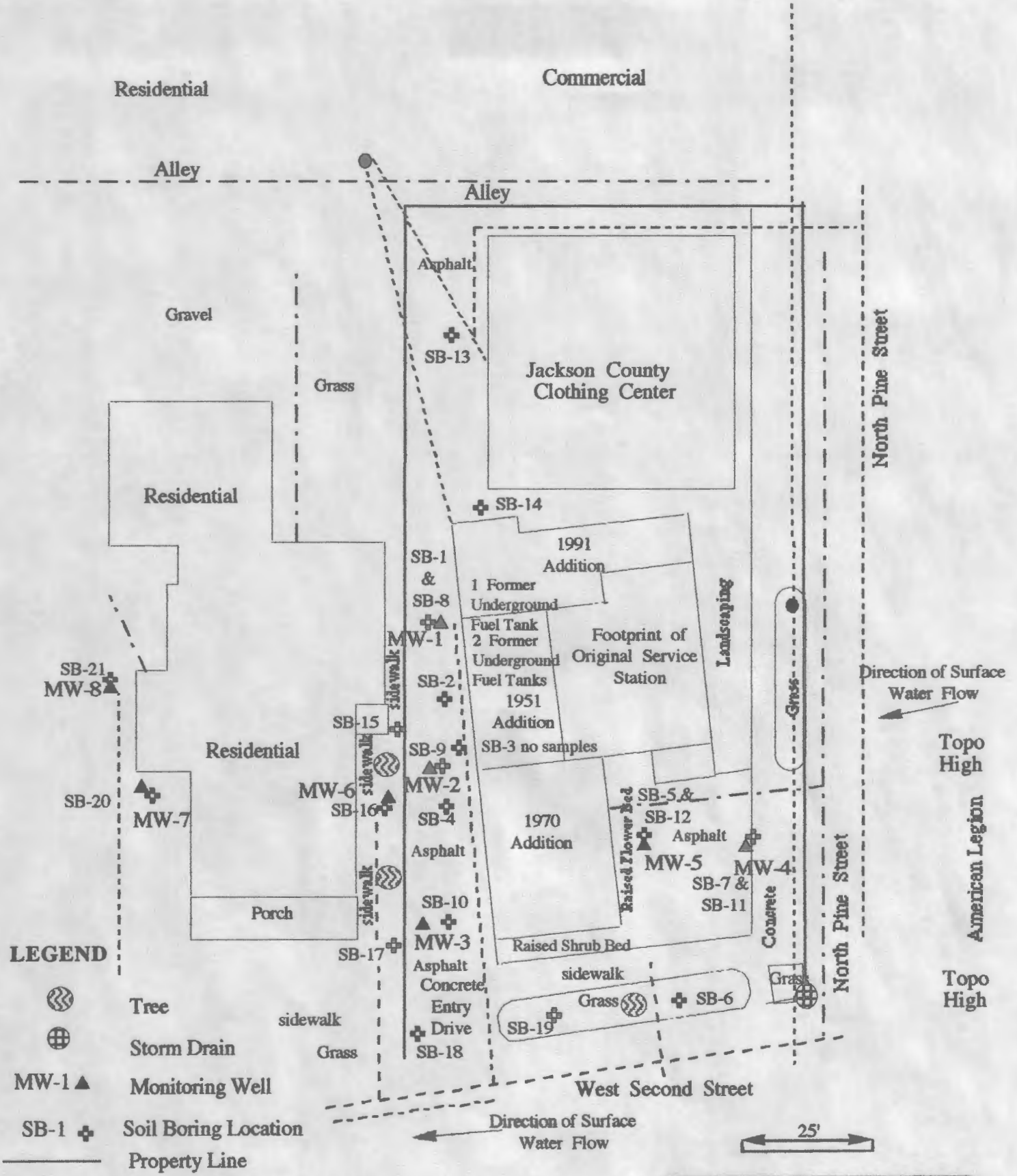
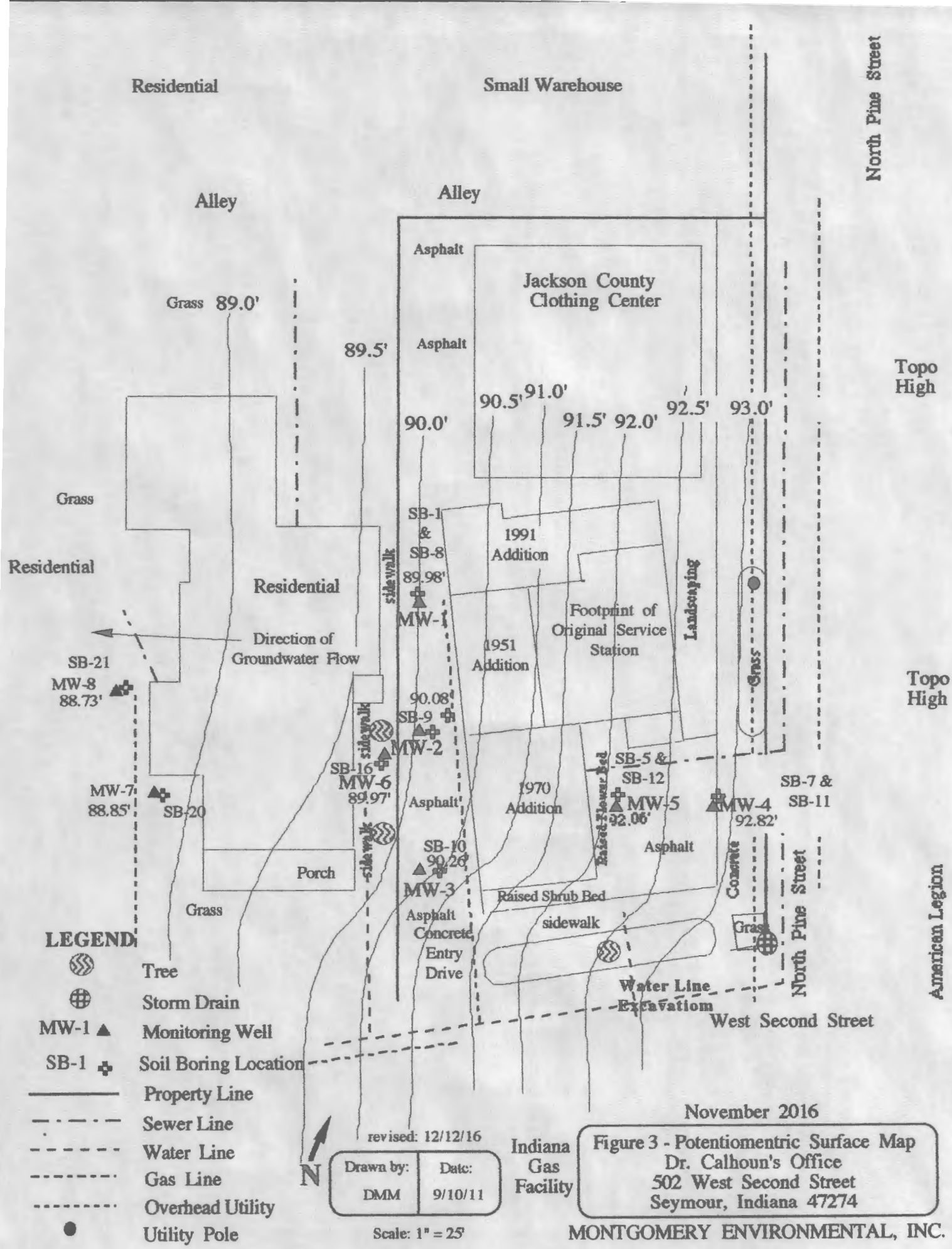
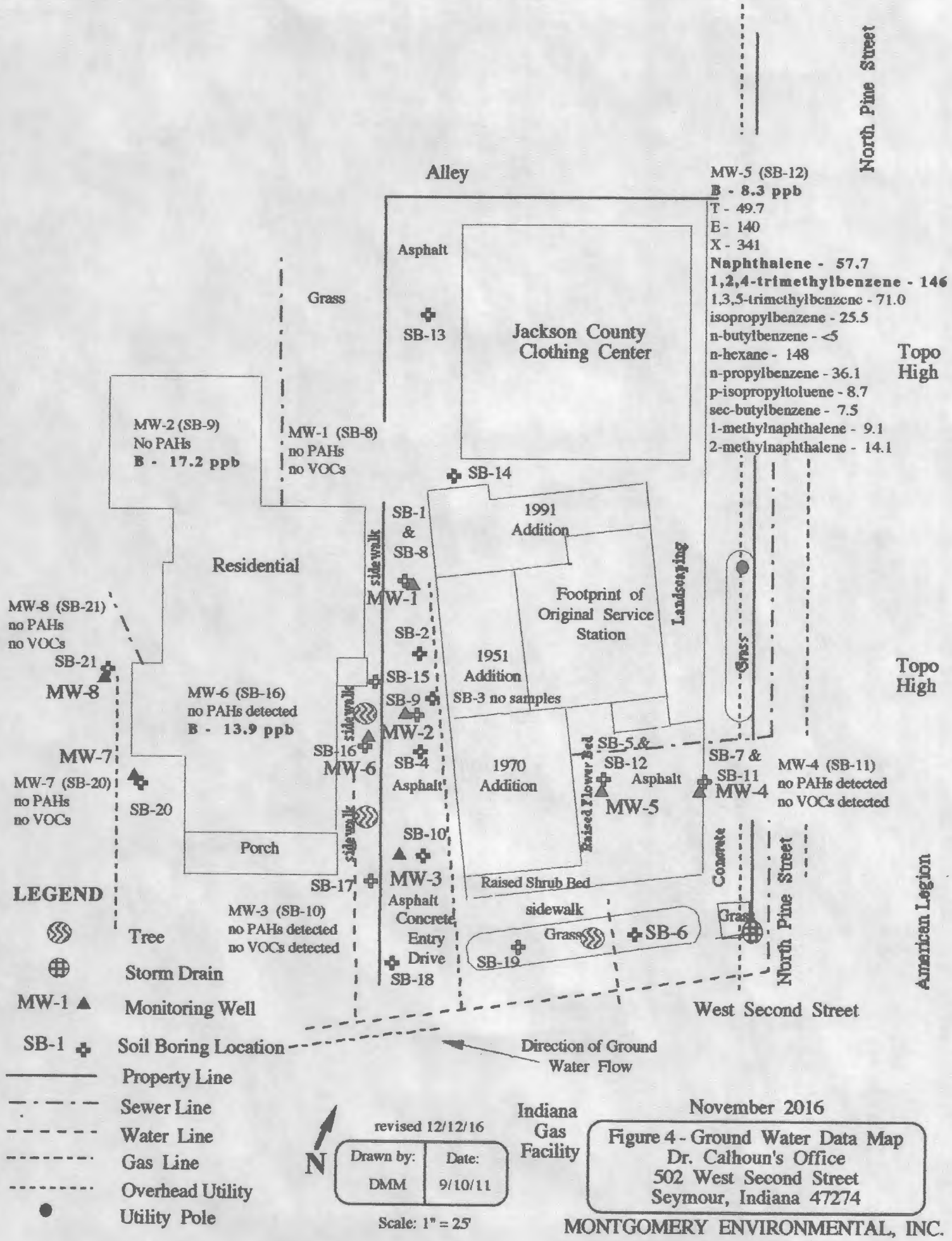


Figure 2 - Site Map
Dr. Calhoun's Office
502 West Second Street
Seymour, Indiana 47274

MONTGOMERY ENVIRONMENTAL, INC.


Residential
Small Warehouse
North Pine Street
Alley
Alley
Asphalt
Jackson County Clothing Center
Asphalt
Grass 89.0'
89.5'
Topo High
90.5' 91.0'
90.0'
91.5' 92.0'
92.5'
93.0'
Grass
SB-1 & SB-8
1991 Addition
Residential
Residential
sidewalk
89.98'
MW-1
Footprint of Original Service Station
Landscaping
Direction of Groundwater Flow
1951 Addition
SB-21
MW-8 88.73'
Grass
Topo High
90.08'
SB-9
MW-2
sidewalk
SB-16
MW-6 89.97'
SB-5 & SB-12
Raised Flower Bed
MW-7 88.85'
SB-20
Asphalt
1970 Addition
MW-5 92.06'
MW-4 92.82'
SB-7 & SB-11
Asphalt
SB-10 90.26'
Porch
sidewalk
MW-3
Raised Shrub Bed
Concrete
Grass
Asphalt Concrete Entry Drive
sidewalk
Grass
North Pine Street
American Legion
LEGEND
Tree
Storm Drain
MW-1 Monitoring Well
SB-1 Soil Boring Location
Property Line
Sewer Line
Water Line
Gas Line
Overhead Utility
Utility Pole
Water Line Excavation
West Second Street
N
revised: 12/12/16
Drawn by: DMM
Date: 9/10/11
Scale: 1" = 25'
Indiana Gas Facility
November 2016
Figure 3 - Potentiomentric Surface Map
Dr. Calhoun's Office
502 West Second Street
Seymour, Indiana 47274
MONTGOMERY ENVIRONMENTAL, INC.


North Pine Street
Alley
MW-5 (SB-12)
B - 8.3 ppb
T - 49.7
E - 140
X - 341
Naphthalene - 57.7
1,2,4-trimethylbenzene - 146
1,3,5-trimethylbenzene - 71.0
isopropylbenzene - 25.5
n-butylbenzene - <5
n-hexane - 148
n-propylbenzene - 36.1
p-isopropyltoluene - 8.7
sec-butylbenzene - 7.5
1-methylnaphthalene - 9.1
2-methylnaphthalene - 14.1
Topo High
Asphalt
Grass
SB-13
Jackson County Clothing Center
MW-2 (SB-9)
No PAHs
B - 17.2 ppb
MW-1 (SB-8)
no PAHs
no VOCs
SB-14
1991 Addition
SB-1 & SB-8
Residential
sidewalk
MW-1
Footprint of Original Service Station
Landscaping
MW-8 (SB-21)
no PAHs
no VOCs
SB-21
MW-8
SB-2
1951 Addition
SB-3 no samples
Grass
Topo High
SB-15
SB-9
MW-6 (SB-16)
no PAHs detected
B - 13.9 ppb
MW-2
SB-16
MW-6
SB-4
Asphalt
1970 Addition
Raised Flower Bed
SB-5 & SB-12
Asphalt
MW-5
SB-7 & SB-11
MW-4
MW-4 (SB-11)
no PAHs detected
no VOCs detected
MW-7
MW-7 (SB-20)
no PAHs
no VOCs
SB-20
Porch
SB-10
MW-3
Asphalt
Concrete
Entry
Drive
SB-18
SB-17
Raised Shrub Bed
sidewalk
Grass
SB-6
SB-19
Concrete
Grass
North Pine Street
American Legion
LEGEND
Tree
Storm Drain
MW-1 Monitoring Well
SB-1 Soil Boring Location
Property Line
Sewer Line
Water Line
Gas Line
Overhead Utility
Utility Pole
MW-3 (SB-10)
no PAHs detected
no VOCs detected
West Second Street
Direction of Ground Water Flow
N
revised 12/12/16
Drawn by: DMM
Date: 9/10/11
Scale: 1" = 25'
Indiana Gas Facility
November 2016
Figure 4 - Ground Water Data Map
Dr. Calhoun's Office
502 West Second Street
Seymour, Indiana 47274
MONTGOMERY ENVIRONMENTAL, INC.

Appendix B - Tables

Table 1 - Summary of Groundwater Elevation Measurements

Table 2 - Groundwater Analytical Data Summary

Table 1 - Summary of Monitoring Well Survey Data & Groundwater Elevations

November 2016

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	9.90'	96.48’-82.01‘	89.98’
MW-2	19.74'	99.61‘	9.53'	95.01’-80.30‘	90.08’
MW-3	19.74'	99.20‘	8.94‘	94.60’-80.08‘	90.26’
MW-4	17.52'	100.08‘	7.26'	95.56’-83.06‘	92.82’
MW-5	17.38'	100.28‘	8.22'	98.06’-83.36‘	92.06’
MW-6	18.11'	99.84‘	9.87'	96.94’-82.31‘	89.97’
MW-7	20.00'	98.58‘	9.73'	93.33’-79.12‘	88.85’
MW-8	20.00'	98.25‘	9.52'	93.00’-78.37‘	88.73’

August 2016

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	7.08'	96.48’-82.01‘	92.80’
MW-2	19.74'	99.61‘	6.80'	95.01’-80.30‘	92.81’
MW-3	19.74'	99.20‘	6.13‘	94.60’-80.08‘	93.07’
MW-4	17.52'	100.08‘	4.35'	95.56’-83.06‘	95.73’
MW-5	17.38'	100.28‘	5.44'	98.06’-83.36‘	94.84’
MW-6	18.11'	99.84‘	7.15'	96.94’-82.31‘	92.69’
MW-7	20.00'	98.58‘	6.60'	93.33’-79.12‘	91.98’
MW-8	20.00'	98.25‘	7.07'	93.00’-78.37‘	91.18’

May 2016

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	6.81'	96.48’-82.01‘	93.07’
MW-2	19.74'	99.61‘	6.24'	95.01’-80.30‘	93.37’
MW-3	19.74'	99.20‘	4.63‘	94.60’-80.08‘	94.57’
MW-4	17.52'	100.08‘	3.78'	95.56’-83.06‘	96.30’
MW-5	17.38'	100.28‘	4.50'	98.06’-83.36‘	95.78’
MW-6	18.11'	99.84‘	6.77'	96.94’-82.31‘	93.07’
MW-7	20.00'	98.58‘	6.70'	93.33’-79.12‘	91.88’
MW-8	20.00'	98.25‘	6.43'	93.00’-78.37‘	91.82’

February 2016

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	7.99'	96.48’-82.01‘	91.89’
MW-2	19.74'	99.61‘	7.56'	95.01’-80.30‘	92.05’
MW-3	19.74'	99.20‘	6.55‘	94.60’-80.08‘	92.65’
MW-4	17.52'	100.08‘	5.08'	95.56’-83.06‘	95.00’
MW-5	17.38'	100.28‘	6.04'	98.06’-83.36‘	94.24’
MW-6	18.11'	99.84‘	8.01'	96.94’-82.31‘	91.83’
MW-7	20.00'	98.58‘	7.87'	93.33’-79.12‘	90.71’
MW-8	20.00'	98.25‘	7.62'	93.00’-78.37‘	90.63’

November 2015

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	8.59'	96.48’-82.01‘	91.29’
MW-2	19.74'	99.61‘	8.22'	95.01’-80.30‘	91.39’
MW-3	19.74'	99.20‘	7.58‘	94.60’-80.08‘	91.62’
MW-4	17.52'	100.08‘	5.22'	95.56’-83.06‘	94.86’
MW-5	17.38'	100.28‘	6.41'	98.06’-83.36‘	93.87’
MW-6	18.11'	99.84‘	8.65'	96.94’-82.31‘	91.19’
MW-7	20.00'	98.58‘	8.62'	93.33’-79.12‘	89.96’
MW-8	20.00'	98.25‘	8.35'	93.00’-78.37‘	89.90’

August 2015

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	7.69'	96.48’-82.01‘	92.19’
MW-2	19.74'	99.61‘	7.28'	95.01’-80.30‘	92.33’
MW-3	19.74'	99.20‘	5.90‘	94.60’-80.08‘	93.30’
MW-4	17.52'	100.08‘	4.74'	95.56’-83.06‘	95.34’
MW-5	17.38'	100.28‘	5.55'	98.06’-83.36‘	94.73’
MW-6	18.11'	99.84‘	7.62'	96.94’-82.31‘	92.22’
MW-7	20.00'	98.58‘	7.52'	93.33’-79.12‘	91.06’
MW-8	20.00'	98.25‘	7.31'	93.00’-78.37‘	90.94’

May 2015

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	8.10'	96.48’-82.01‘	91.78’
MW-2	19.74'	99.61‘	7.73'	95.01’-80.30‘	91.88’
MW-3	19.74'	99.20‘	6.81‘	94.60’-80.08‘	92.39’
MW-4	17.52'	100.08‘	5.04'	95.56’-83.06‘	95.04’
MW-5	17.38'	100.28‘	5.91'	98.06’-83.36‘	94.37’
MW-6	18.11'	99.84‘	8.07'	96.94’-82.31‘	91.77’
MW-7	20.00'	98.58‘	7.94'	93.33’-79.12‘	90.64’
MW-8	20.00'	98.25‘	7.75'	93.00’-78.37‘	90.50’

March 2015

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	7.49'	96.48’-82.01‘	92.39’
MW-2	19.74'	99.61‘	7.08'	95.01’-80.30‘	92.53’
MW-3	19.74'	99.20‘	5.48‘	94.60’-80.08‘	93.72’
MW-4	17.52'	100.08‘	3.91'	95.56’-83.06‘	96.17’
MW-5	17.38'	100.28‘	4.94'	98.06’-83.36‘	95.34’
MW-6	18.11'	99.84‘	7.50'	96.94’-82.31‘	92.34’
MW-7	20.00'	98.58‘	7.46'	93.33’-79.12‘	91.12’
MW-8	20.00'	98.25‘	7.26'	93.00’-78.37‘	90.99’

November 2014

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	9.05'	96.48’-82.01‘	90.83’
MW-2	19.74'	99.61‘	8.66'	95.01’-80.30‘	90.95’
MW-3	19.74'	99.20‘	8.11‘	94.60’-80.08‘	91.09’
MW-4	17.52'	100.08‘	6.01'	95.56’-83.06‘	94.07’
MW-5	17.38'	100.28‘	6.92'	98.06’-83.36‘	93.36’
MW-6	18.11'	99.84‘	9.01'	96.94’-82.31‘	90.83’
MW-7	20.00'	98.58‘	8.89'	93.33’-79.12‘	89.69’
MW-8	20.00'	98.25‘	8.72'	93.00’-78.37‘	89.53’

August 2014

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	7.06'	96.48’-82.01‘	92.82’
MW-2	19.74'	99.61‘	6.74'	95.01’-80.30‘	92.87’
MW-3	19.74'	99.20‘	6.14‘	94.60’-80.08‘	93.06’
MW-4	17.52'	100.08‘	4.63'	95.56’-83.06‘	95.45’
MW-5	17.38'	100.28‘	5.57'	98.06’-83.36‘	94.71’
MW-6	18.11'	99.84‘	7.09'	96.94’-82.31‘	92.75’
MW-7	20.00'	98.58‘	6.94'	93.33’-79.12‘	91.64’
MW-8	20.00'	98.25‘	6.75'	93.00’-78.37‘	91.50’

May 2014

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	7.17'	96.48’-82.01‘	92.71’
MW-2	19.74'	99.61‘	6.76'	95.01’-80.30‘	92.85’
MW-3	19.74'	99.20‘	6.10‘	94.60’-80.08‘	93.10’
MW-4	17.52'	100.08‘	4.29'	95.56’-83.06‘	95.79’
MW-5	17.38'	100.28‘	5.11'	98.06’-83.36‘	95.17’
MW-6	18.11'	99.84‘	7.17'	96.94’-82.31‘	92.67’
MW-7	20.00'	98.58‘	7.06'	93.33’-79.12‘	91.52’
MW-8	20.00'	98.25‘	6.89'	93.00’-78.37‘	91.36’

February 2014

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	8.32'	96.48’-82.01‘	91.56’
MW-2	19.74'	99.61‘	7.39'	95.01’-80.30‘	91.63’
MW-3	19.74'	99.20‘	7.49‘	94.60’-80.08‘	91.71’
MW-4	17.52'	100.08‘	4.88'	95.56’-83.06‘	95.20’
MW-5	17.38'	100.28‘	6.05'	98.06’-83.36‘	94.23’
MW-6	18.11'	99.84‘	8.44'	96.94’-82.31‘	91.40’

November 2013

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	10.60'	96.48’-82.01‘	89.28’
MW-2	19.74'	99.61‘	10.21'	95.01’-80.30‘	89.41’
MW-3	19.74'	99.20‘	9.92‘	94.60’-80.08‘	89.28’
MW-4	17.52'	100.08‘	7.09'	95.56’-83.06‘	92.99’
MW-5	17.38'	100.28‘	8.15'	98.06’-83.36’	92.13’
MW-6	18.11'	99.84‘	10.60'	96.94’-82.31‘	89.24’

August 2013

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	9.55'	96.48’-82.01‘	90.33’
MW-2	19.74'	99.61‘	9.19'	95.01’-80.30‘	90.42’
MW-3	19.74'	99.20‘	8.78‘	94.60’-80.08‘	90.42’
MW-4	17.52'	100.08‘	7.02'	95.56’-83.06‘	93.06’
MW-5	17.38'	100.28‘	7.83'	98.06’-83.36’	92.45’
MW-6	18.11'	99.84‘	9.55'	96.94’-82.31‘	90.29’

May 2013

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.28'	99.88‘	7.86'	96.48’-82.01‘	92.02’
MW-2	19.71'	99.61‘	7.51'	95.01’-80.30‘	92.10’
MW-3	19.74'	99.20‘	6.98‘	94.60’-80.08‘	92.22’
MW-4	17.50'	100.08‘	4.89'	95.56’-83.06‘	95.19’
MW-5	17.25'	100.28‘	5.73'	98.06’-83.36’	94.55’
MW-6	18.11'	99.84‘	7.90'	96.94’-82.31‘	91.94’

February 2013

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.28'	99.88‘	9.63'	96.48’-82.01‘	90.25’
MW-2	19.71'	99.61‘	9.23'	95.01’-80.30‘	90.38’
MW-3	19.74'	99.20‘	8.83‘	94.60’-80.08‘	90.37’
MW-4	17.50'	100.08‘	6.90'	95.56’-83.06‘	93.18’
MW-5	17.25'	100.28‘	7.60'	98.06’-83.36’	92.08’
MW-6	18.11'	99.84‘	9.60'	96.94’-82.31‘	90.24’

November 2012

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Screened Interval	Water Table Elev.
MW-1	18.30'	99.88‘	11.09'	96.48’-82.01’	88.79’
MW-2	19.74'	99.61‘	10.69'	95.01’-80.30’	88.92’
MW-3	19.74'	99.20‘	10.31‘	94.60’-80.08’	88.89’
MW-4	17.52'	100.08‘	8.29'	95.56’-83.06‘	91.79’
MW-5	17.38'	100.28‘	9.37'	98.06’-83.36’	90.91’
MW-6	18.11'	99.84‘	11.09'	96.94’-82.31’	87.75’

August 2012

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Immiscible Layer	Water Table Elev.
MW-1	18.30'	99.88‘	10.64'	No	89.24’
MW-2	19.74'	99.61‘	10.27'	No	89.34’
MW-3	19.74'	99.20‘	9.88’	No	89.32’
MW-4	17.52'	100.08‘	8.55'	No	91.53’
MW-5	17.38'	100.28‘	9.58'	No	90.07’

May 2012

Well	Measured Well Depth	Top of PVC Riser	Depth to Water	Immiscible Layer	Water Table Elev.
MW-1	18.30'	99.88‘	6.87'	No	93.01’
MW-2	19.74'	99.61‘	6.45'	No	93.16’
MW-3	19.74'	99.20‘	5.79’	No	93.41’
MW-4	17.52'	100.08‘	4.18'	No	95.90’
MW-5	17.38'	100.28‘	4.54'	No	95.74’

The local groundwater flow direction is toward the west.

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-1 5/12	MW-1 8/12	MW-1 11/12	MW-1 2/13	MW-1 5/13	MW-1 8/13
Lead	0.015	mg/L		<0.010	<0.010	<0.010	0.014	<0.010
Lead, Dissolved	0.015	mg/L	0.0057	<0.0050	<0.0050			
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-1 5/12	MW-1 8/12	MW-1 11/12	MW-1 2/13	MW-1 5/13	MW-1 8/13
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L			<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L						
2-Methylnaphthalene	27	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L		<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L		<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L		<1.0	1.9	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-1 11/13	MW-1 2/14	MW-1 5/14	MW-1 8/14	MW-1 11/14	MW-1 3/15	MW-1 5/15
Lead	0.015	mg/L	<0.010	<0.010					
Lead, Dissolved	0.015	mg/L							
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	18.5	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-1 11/13	MW-1 2/14	MW-1 5/14	MW-1 8/14	MW-1 11/14	MW-1 3/15	MW-1 5/15
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-1 8/15	MW-1 11/15	MW-1 2/16	MW-1 5/16	MW-1 8/16	MW-1 11/16	MW-2 5/12
Lead	0.015	mg/L							
Lead, Dissolved	0.015	mg/L							<0.0050
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<1.0	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<1.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**10.1**
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<0.10	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-1 8/15	MW-1 11/15	MW-1 2/16	MW-1 5/16	MW-1 8/16	MW-1 11/16	MW-2 5/12
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-2 8/12	MW-2 Dup 8/12	MW-2 11/12	MW-2 Dup 11/12	MW-2 2/13	MW-2 5/13	MW-2 8/13
Lead	0.015	mg/L	<0.010	0.015	<0.010	<0.010	<0.010	0.014	<0.010
Lead, Dissolved	0.015	mg/L	<0.0050	<0.0050	<0.0050	<0.0050			
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.5
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	**22.1**	**16.2**	**29.3**	**28.2**	**22.5**	**12.6**	**28.7**
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-2 8/12	MW-2 Dup 8/12	MW-2 11/12	MW-2 Dup 11/12	MW-2 2/13	MW-2 5/13	MW-2 8/13
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L							
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-2 11/13	MW-2 2/14	MW-2 5/14	MW-2 8/14	MW-2 11/14	MW-2 3/15	MW-2 5/15
Lead	0.015	mg/L	<0.010	<0.010					
Lead, Dissolved	0.015	mg/L							
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	**53.8**	**6.8**	<5.0	**33.6**	**14.9**	<5.0	**9.2**
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	**18.7**	<5.0	<5.0	**5.5**
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-2 11/13	MW-2 2/14	MW-2 5/14	MW-2 8/14	MW-2 11/14	MW-2 3/15	MW-2 5/15
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-2 8/15	MW-2 8/15 Dup	MW-2 11/15	MW-2 2/16	MW-2 5/16	MW-2 8/16	MW-2 11/16	MW-3 5/12
Lead	0.015	mg/L								
Lead, Dissolved	0.015	mg/L								<0.0050
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	27.7	17.2	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-2 8/15	MW-2 8/15 Dup	MW-2 11/15	MW-2 2/16	MW-2 5/16	MW-2 8/16	MW-2 11/16	MW-3 5/12
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	0.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	0.17	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Benzo(k)fluoranthene	2.9	ug/L	0.19	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.51	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	0.13	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Indeno(1,2,3-cd)pyrene	0.29	ug/L	0.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-3 Dup 5/12	MW-3 8/12	MW-3 11/12	MW-3 2/13	MW-3 5/13	MW-3 8/13	MW-3 11/13	MW-3 2/14
Lead	0.015	mg/L		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead, Dissolved	0.015	mg/L	<0.0050	<0.0050	<0.0050					
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumen	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-3 Dup 5/12	MW-3 8/12	MW-3 11/12	MW-3 2/13	MW-3 5/13	MW-3 8/13	MW-3 11/13	MW-3 2/14
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-buten	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L								<1.0
2-Methylnaphthalene	27	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-3 5/14	MW-3 8/14	MW-3 11/14	MW-3 3/15	MW-3 5/15	MW-3 8/15	MW-3 11/15	MW-3 2/16	MW-3 5/16
Lead	0.015	mg/L									
Lead, Dissolved	0.015	mg/L									
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	23.5	<5.0	<5.0	5.7	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-3 5/14	MW-3 8/14	MW-3 11/14	MW-3 3/15	MW-3 5/15	MW-3 8/15	MW-3 11/15	MW-3 2/16	MW-3 5/16
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-3 8/16	MW-3 11/16	MW-4 5/12	MW-4 8/12	MW-4 11/12	MW-4 2/13	MW-4 5/13	MW-4 8/13
Lead	0.015	mg/L				<0.010	<0.010	<0.010	<0.010	<0.010
Lead, Dissolved	0.015	mg/L			<0.0050	<0.0050	<0.0050			
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-3 8/16	MW-3 11/16	MW-4 5/12	MW-4 8/12	MW-4 11/12	MW-4 2/13	MW-4 5/13	MW-4 8/13
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0		<5.0		<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0						
2-Methylnaphthalene	27	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-4 11/13	MW-4 2/14	MW-4 5/14	MW-4 8/14	MW-4 11/14	MW-4 3/15	MW-4 5/15	MW-4 8/15	MW-4 11/15
Lead	0.015	mg/L	<0.010	<0.010							
Lead, Dissolved	0.015	mg/L									
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	28.1	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-4 11/13	MW-4 2/14	MW-4 5/14	MW-4 5/14	MW-4 8/14	MW-4 3/15	MW-4 5/15	MW-4 8/15	MW-4 11/15
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-4 2/16	MW-4 5/16	MW-4 8/16	MW-4 11/16	MW-5 5/12	MW-5 11/12	MW-5 2/13	MW-5 5/13
Lead	0.015	mg/L						<0.010	<0.010	0.012
Lead, Dissolved	0.015	mg/L					<0.005(	<0.0050		
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	**803**	**419**	**426**	**227**
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	**235**	**144**	**150**	**76.1**
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	37.1	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	**31.2**	**10.3**	**21.2**	**14.3**
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	573	244	284	156
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	83.3	53.9	55.2	21.1
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<5.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	**202**	**102**	**116**	**41.8**
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	16.3	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	265	84.9	140	91.2

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-4 2/16	MW-4 5/16	MW-4 8/16	MW-4 11/16	MW-5 5/12	MW-5 11/12	MW-5 2/13	MW-5 5/13
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	1680	807	885	525
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	23.8	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0		**280**	223	117
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	105	63.4	65.4	26.3
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	19.1	16.2	16.6	6.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	13.1	12.7	11.5	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0				
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0		**35.6**	5.4	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10		<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10		<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0		**69.3**	**53.0**	**5.2**
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-5 8/13	MW-5 11/13	MW-5 2/14	MW-5 5/14	MW-5 8/14	MW-5 11/14	MW-5 3/15	MW-5 5/15
Lead	0.015	mg/L	<0.010	<0.010	<0.010					
Lead, Dissolved	0.015	mg/L								
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	627	299	463	<5.0	220	304	37.4	92.6
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	219	128	136	<5.0	128	151	28.3	27.4
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	31.0	13.3	43.7	<5.0	16.8	17.6	<5.0	15.9
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	367	196	443	6.5	269	279	53.2	149
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	66.3	41.9	40.2	<5.0	37.0	49.8	10.2	11.8
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	13.1	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	200	65.4	142	<5.0	88.1	102	15.3	32.5
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	212	80.8	262	<5.0	105	114	21.3	79.8

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-5 8/13	MW-5 11/13	MW-5 2/14	MW-5 5/14	MW-5 8/14	MW-5 11/14	MW-5 3/15	MW-5 5/15
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	1130	572	1290	21.4	672	667	157	360
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	26.3	22.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	223	204	84.8	<5.0	177	201	48.7	43.4
n-Propylbenzene	530	ug/L	85.3	53.3	42.8	<5.0	57.9	67.0	11.8	9.9
p-Isopropyltoluene		ug/L	17.8	16.4	9.8	<5.0	11.4	16.5	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	10.4	10.7	5.6	<5.0	8.7	12.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L			9.7	<1.0	16.8	14.3	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	18.3	20.7	14.5	<1.0	27.3	21.8	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	83.6	68.5	93.8	<1.0	66.4	58.5	3.7	3.9
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-5 8/15	MW-5 11/15	MW-5 2/16	MW-5 5/16	MW-5 8/16	MW-5 11/16	MW-6 9/12	MW-6 Dup 9/12
Lead	0.015	mg/L							<0.010	0.0116
Lead, Dissolved	0.015	mg/L							<0.0050	0.0097
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	52.0	242	305	<5.0	224	146	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	20.9	105	139	<5.0	79.1	71.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	5.5	11.3	15.9	<5.0	11.9	8.3	9.2	7.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	57.9	183	256	<5.0	196	140	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	8.0	36.7	49.6	<5.0	38.1	25.5	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	17.0	76.0	108	<5.0	72.9	57.7	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	25.8	69.6	104	<5.0	71.6	49.7	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-5 8/15	MW-5 11/15	MW-5 2/16	MW-5 5/16	MW-5 8/16	MW-5 11/16	MW-6 9/12	MW-6 9/12
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	132	482	713	<10.0	467	341	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	19.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	25.7	230	173	<5.0	199	148	<5.0	<5.0
n-Propylbenzene	530	ug/L	10.4	53.4	60.3	<5.0	58.5	36.1	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	12.4	12.8	<5.0	12.5	8.7	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	10.9	8.8	<5.0	10.1	7.5	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<5.0	<5.0
1-Methylnaphthalene	9.7	ug/L	1.9	13.7	5.0	<1.0	14.9	9.1		
2-Methylnaphthalene	27	ug/L	1.4	20.8	5.4	<1.0	23.7	14.1	<100	<100
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	<1.0
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	9.4	49.4	21.7	<1.0	47.3	36.3	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 11/12	MW-6 2/13	MW-6 5/13	MW-6 5/13 Dup	MW-6 8/13	MW-6 8/13 Dup	MW-6 11/13	MW-6 11/13 Dup
Lead	0.015	mg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead, Dissolved	0.015	mg/L	<0.0050							
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	**5.1**	<5.0	**79.3**	**81.6**	**21.9**	**21.1**	**25.9**	**25.0**
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 11/12	MW-6 2/13	MW-6 5/13	MW-6 5/13 Dup	MW-6 8/13	MW-6 8/13 Dup	MW-6 11/13	MW-6 11/13 Dup
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L								
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 2/14	MW-6 2/14 Dup	MW-6 5/14 Dup	MW-6 8/14	MW-6 8/14 Dup	MW-6 11/14	MW-6 11/14 Dup	MW-6 3/15	MW-6 3/15 Dup
Lead	0.015	mg/L	<0.010	<0.010							
Lead, Dissolved	0.015	mg/L									
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	**61.3**	**61.3**	**22.8**	**39.8**	**40.9**	**68.7**	**70.7**	**64.0**	**64.4**
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	**13.0**	**23.0**	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 2/14	MW-6 2/14 Dup	MW-6 5/14 Dup	MW-6 8/14	MW-6 8/14 Dup	MW-6 11/14	MW-6 11/14 Dup	MW-6 3/15	MW-6 3/15 Dup
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 5/15	MW-6 5/15 Dup	MW-6 8/15	MW-6 11/15	MW-6 Dup 11/15	MW-6 2/16	MW-6 Dup 2/16	MW-6 5/16	MW-6 Dup 5/16
Lead	0.015	mg/L									
Lead, Dissolved	0.015	mg/L									
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	**11.7**	**53.4**	**54.5**	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	**5.8**	**5.5**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 5/15	MW-6 5/15 Dup	MW-6 8/15	MW-6 11/15	MW-6 Dup 11/15	MW-6 2/16	MW-6 Dup 2/16	MW-6 5/16	MW-6 Dup 5/16
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	0.14	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	0.21	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	0.25	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	0.29	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	0.25	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	0.21	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 8/16	MW-6 Dup 8/16	MW-6 11/16	MW-6 Dup 11/16	MW-7 5/14	MW-7 5/14 Pb Dup	MW-7 8/14	MW-7 8/14 Pb Dup
Lead	0.015	mg/L					**0.018**	**0.025**	<0.010	<0.010
Lead, Dissolved	0.015	mg/L							<0.010	<0.010
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0		<25.0	
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0		<25.0	
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0		<25.0	
Acetone	12000	ug/L	<100	<100	<100	<100	<100		<100	
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0		<50.0	
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100		<100	
Benzene	5	ug/L	**17.5**	**16.5**	**12.1**	**13.9**	<5.0		<5.0	
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0		<10.0	
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100		<100	
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0		<10.0	
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0		<4.0	
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		**17.6**	
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-6 8/16	MW-6 Dup 8/16	MW-6 11/16	MW-6 Dup 11/16	MW-7 5/14	MW-7 5/14 Pb Dup	MW-7 8/14	MW-7 8/14 Pb Dup
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0		<50.0	
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0		<2.0	
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0		<10.0	
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100		<100	
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Chrysene	29	ug/L	<0.52	<0.52	<0.50	<0.50	<0.50		<0.50	
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-7 11/14	MW-7 11/14 Pb Dup	MW-7 3/15	MW-7 5/15	MW-7 8/15	MW-7 11/15	MW-7 2/16	MW-7 5/16	MW-7 8/16
Lead	0.015	mg/L	<0.010	<0.010							
Lead, Dissolved	0.015	mg/L	<0.010	<0.010							
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100		<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100		<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100		<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0		<5.0	5.2	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-7 11/14	MW-7 11/14 Pb Dup	MW-7 3/15	MW-7 5/15	MW-7 8/15	MW-7 11/15	MW-7 2/16	MW-7 5/16	MW-7 8/16
Trichloroethene	31	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100		<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-7 11/16	MW-8 8/14	MW-8 11/14	MW-8 3/15	MW-8 5/15	MW-8 8/15	MW-8 11/15	MW-8 2/16	MW-8 5/16
Lead	0.015	mg/L		<0.010	<0.010						
Lead, Dissolved	0.015	mg/L		<0.010	<0.010						
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	**15.9**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-7 11/16	MW-8 8/14	MW-8 11/14	MW-8 3/15	MW-8 5/15	MW-8 8/15	MW-8 11/15	MW-8 2/16	MW-8 5/16
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-8 8/16	MW-8 11/16	SB-13W 9/12	SB-14W 9/12	SB-15W 9/12	SB-17W 9/12	SB-18W 9/12
Lead	0.015	mg/L			**0.0618**	**0.028**	**0.179**	**0.0391**	**0.0408**
Lead, Dissolved	0.015	mg/L			<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	24	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	15	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	87	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	290	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	180	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	34	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Acetone	12000	ug/L	<100	<100	<100	<100	<100	<100	<100
Acrolein	0.041	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acrylonitrile	0.45	ug/L	<100	<100	<100	<100	<100	<100	<100
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	54	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	83	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	720	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	21000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	80	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	7.9	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate	420	ug/L	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Iodomethane		ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isopropylbenzene (Cumene)	390	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl-tert-butyl ether	120	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	1.4	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	8200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	MW-8 8/16	MW-8 11/16	SB-13W 9/12	SB-14W 9/12	SB-15W 9/12	SB-17W 9/12	SB-18W 9/12
Trichloroethene	31	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	410	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	2	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Xylene (Total)	10000	ug/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
cis-1,2-Dichloroethene	70	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	780	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Hexane	250	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	530	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	(2014) Res 1600	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100	<100	<100	<100	<100	<100	<100
1-Methylnaphthalene	9.7	ug/L	<1.0	<1.0					
2-Methylnaphthalene	27	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	400	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	1300	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	29	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	630	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fluorene	220	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalene	1.4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	RISC Res - 23	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pyrene	87	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	SB-19W 9/12
Lead	0.015	mg/L	**0.124**
Lead, Dissolved	0.015	mg/L	<0.0050
1,1,1,2-Tetrachloroethane	5	ug/L	<5.0
1,1,1-Trichloroethane	200	ug/L	<5.0
1,1,2,2-Tetrachloroethane	0.66	ug/L	<5.0
1,1,2-Trichloroethane	5	ug/L	<5.0
1,1-Dichloroethane	24	ug/L	<5.0
1,1-Dichloroethene	7	ug/L	<5.0
1,1-Dichloropropene		ug/L	<5.0
1,2,3-Trichlorobenzene	5.2	ug/L	<5.0
1,2,3-Trichloropropane	0.0065	ug/L	<5.0
1,2,4-Trichlorobenzene	70	ug/L	<5.0
1,2,4-Trimethylbenzene	15	ug/L	**128**
1,2-Dibromoethane (EDB)	0.05	ug/L	<5.0
1,2-Dichlorobenzene	600	ug/L	<5.0
1,2-Dichloroethane	5	ug/L	<5.0
1,2-Dichloropropane	5	ug/L	<5.0
1,3,5-Trimethylbenzene	87	ug/L	**39.8**
1,3-Dichlorobenzene		ug/L	<5.0
1,3-Dichloropropane	290	ug/L	<5.0
1,4-Dichlorobenzene	75	ug/L	<5.0
2,2-Dichloropropane		ug/L	<5.0
2-Butanone (MEK)	4900	ug/L	<25.0
2-Chlorotoluene	180	ug/L	<5.0
2-Hexanone	34	ug/L	<25.0
4-Chlorotoluene	190	ug/L	<5.0
4-Methyl-2-pentanone	1000	ug/L	<25.0
Acetone	12000	ug/L	<100
Acrolein	0.041	ug/L	<50.0
Acrylonitrile	0.45	ug/L	<100
Benzene	5	ug/L	<5.0
Bromobenzene	54	ug/L	<5.0
Bromochloromethane	83	ug/L	<5.0
Bromodichloromethane	80	ug/L	<5.0
Bromoform	80	ug/L	<5.0
Bromomethane	7	ug/L	<5.0
Carbon disulfide	720	ug/L	<10.0
Carbon tetrachloride	5	ug/L	<5.0
Chlorobenzene	100	ug/L	<5.0
Chloroethane	21000	ug/L	<5.0
Chloroform	80	ug/L	<5.0
Chloromethane	190	ug/L	<5.0
Dibromochloromethane	80	ug/L	<5.0
Dibromomethane	7.9	ug/L	<5.0
Dichlorodifluoromethane	190	ug/L	<5.0
Ethyl methacrylate	420	ug/L	<100
Ethylbenzene	700	ug/L	101
Hexachloro-1,3-butadiene	2.6	ug/L	<5.0
Iodomethane		ug/L	<10.0
Isopropylbenzene (Cumene)	390	ug/L	57.0
Methyl-tert-butyl ether	120	ug/L	<4.0
Methylene Chloride	5	ug/L	<5.0
Naphthalene	1.4	ug/L	**49.6**
Styrene	100	ug/L	<5.0
Tetrachloroethene	5	ug/L	<5.0
Toluene	8200	ug/L	5.7

Table - 2 Groundwater Data May/Aug/Sept/Nov '12; Feb/May/Aug/Nov '13; Feb/May/Aug/Nov '14; Mar/May/Aug/Nov '15; Feb/May/Aug/Nov '16

Parameter	IDEM Screening Groundwater Tap Residential 2013	Units	SB-19W 9/12
Trichloroethene	31	ug/L	<5.0
Trichlorofluoromethane	1100	ug/L	<5.0
Vinyl acetate	410	ug/L	<50.0
Vinyl chloride	2	ug/L	<2.0
Xylene (Total)	10000	ug/L	110
cis-1,2-Dichloroethene	70	ug/L	<5.0
cis-1,3-Dichloropropene		ug/L	<5.0
n-Butylbenzene	780	ug/L	12.6
n-Hexane	250	ug/L	**391**
n-Propylbenzene	530	ug/L	79.9
p-Isopropyltoluene		ug/L	19.8
sec-Butylbenzene	(2014) Res 1600	ug/L	20.0
tert-Butylbenzene	(2014) Res 510	ug/L	<5.0
trans-1,2-Dichloroethene	100	ug/L	<5.0
trans-1,3-Dichloropropene		ug/L	<5.0
trans-1,4-Dichloro-2-butene	0.012	ug/L	<100
1-Methylnaphthalene	9.7	ug/L	
2-Methylnaphthalene	27	ug/L	26.5
Acenaphthene	400	ug/L	<1.0
Acenaphthylene	RISC Res - 71	ug/L	<1.0
Anthracene	1300	ug/L	<0.10
Benzo(a)anthracene	0.29	ug/L	<0.10
Benzo(a)pyrene	0.2	ug/L	<0.10
Benzo(b)fluoranthene	0.29	ug/L	<0.10
Benzo(g,h,i)perylene		ug/L	<0.10
Benzo(k)fluoranthene	2.9	ug/L	<0.10
Chrysene	29	ug/L	<0.50
Dibenz(a,h)anthracene	0.029	ug/L	<0.10
Fluoranthene	630	ug/L	<1.0
Fluorene	220	ug/L	<1.0
Indeno(1,2,3-cd)pyrene	0.29	ug/L	<0.10
Naphthalene	1.4	ug/L	**71.3**
Phenanthrene	RISC Res - 23	ug/L	<1.0
Pyrene	87	ug/L	<1.0

Appendix C - Field Logs

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-1 **Date:** 11-16-16

Sample ID: MW-1

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: SAMPLE PRO Pump Model MP-SP-4P

Top of casing elevation (feet): 99.88 - **Total Depth (feet):** 18.30

Depth to Groundwater (feet): 9.90 - **Total Water (feet):** 8.40

Groundwater Elevation (feet): 89.98

Depth to top (feet) 3.40 **bottom** 17.87 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 217 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 188 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R__ D__ P__ (w/o cell): R__ D__ P__

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
1230	9.84							CPM4(5)	10	15		start pump
1244	9.83											start purge pcam
1245	9.83	1831	581	6.57	121	1.41						
1247	9.87	1837	595	6.56	111	1.26						stable
1255												sample
												Last Event Note:
												FINAL SWL: 9.82
												CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-2 **Date:** 11-16-16

Sample ID: MW-2

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: SAMPLE PRO Pump Model MP-SP-4P

Top of casing elevation (feet): 99.61 - **Total Depth (feet):** 19.74

Depth to Groundwater (feet): 9.53 - **Total Water (feet):** 10.21

Groundwater Elevation (feet): 90.08

Depth to top (feet) 4.60 **bottom** 19.12 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 14.0

Single System Volume*: 217 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 300 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R___ D___ P____ (w/o cell): R___ D___ P____

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
1117	9.53							CPM4(5)	10	15		start pump
1120	9.73											start purge scan
1121	9.69	1877	909	6.67	62	0.69						
1123	9.69	1865	923	6.68	42	0.48						
1125												sampling

Last Event Note:

FINAL SWL: 9.61

CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-3 **Date:** 11-16-16

Sample ID: MW-3

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: SAMPLE PRO Pump Model MP-SP-4P

Top of casing elevation (feet): 99.20 - **Total Depth (feet):** 19.74

Depth to Groundwater (feet): 8.94 - **Total Water (feet):** 10.80

Groundwater Elevation (feet): 90.26

Depth to top (feet) 4.60 **bottom** 19.12 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 211 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 182 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R__ D__ P__ (w/o cell): R__ D__ P__

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
10:27	8.62							CPM4(5)	10	12		start pump
10:33	9.20											start purge/scan
10:34	9.22	19.80	586	6.44	100	1.51						
10:36	9.23	19.94	594	6.43	90	1.36						stabilized
10:45												sampling

Last Event Note:

FINAL SWL: 9.18

CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-4 **Date:** 11-16-16

Sample ID: MW-4

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: SAMPLE PRO Pump Model MP-SP-4P

Top of casing elevation (feet): 100.08 - **Total Depth (feet):** 17.52

Depth to Groundwater (feet): 7.26 - **Total Water (feet):** 10.26

Groundwater Elevation (feet): 92.82

Depth to top (feet) 4.42 **bottom** 16.92 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 217 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 188 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R___ D___ P____ (w/o cell): R___ D___ P___

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
1315	7.18							CPM4(5)	10	15		Start pump
1319	7.45											Start purge scan
1320	7.49	20.49	819	6.78	154	0.77						
1322	7.50	20.46	816	6.76	153	0.61						
1325												sampling
												Last Event Note:
												FINAL SWL: 7.49
												CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-5 **Date:** 11-16-16

Sample ID: MW-5

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: SAMPLE PRO Pump Model MP-SP-4P

Top of casing elevation (feet): 100.28 - **Total Depth (feet):** 18.92

Depth to Groundwater (feet): 8.22 - **Total Water (feet):** 10.70

Groundwater Elevation (feet): 92.06

Depth to top (feet) 4.22 **bottom** 18.92 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 217 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 200 **mL/min**

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R__ D__ P__ (w/o cell): R__ D__ P__

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
1345	8.11							CPM4(5)	10	15		start pump
1350	8.32		~~20.18~~	~~[illegible]~~	~~-121~~							start purge scan
1357	8.42	20.15	~~20.18~~	6.89	-121	0.60						
1353	8.39	20.14	948	6.96	-126	0.52						
1355	8.43	20.13	954	6.90	-128	0.46						stable
1400												sampling

Last Event Note:

FINAL SWL: 8.53

CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-6 **Date:** 11-16-16

Sample ID: MW-6

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: SAMPLE PRO Pump Model MP-SP-4P

Top of casing elevation (feet): 99.84 - **Total Depth (feet):** 18.11

Depth to Groundwater (feet): 9.87 - **Total Water (feet):** 8.24

Groundwater Elevation (feet) 89.97

Depth to top (feet) 2.90 **bottom** 17.53 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 217 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 188 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R__ D__ P__ (w/o cell): R__ D__ P__

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
1145	9.84							CPM4(5)	10	15		Start pump
1152	9.85											Start pump scan
1153	9.85	19.28	977	6.63	83	1.08						5
1155	9.85	19.29	1010	6.64	89	1.10						
1157	9.85	19.31	1032	6.62	92	1.04						
1159	9.85	19.33	1039	6.65	92	0.76						
1200	9.85	19.36	1041	6.65	92	0.73						
1205												Sampling

Last Event Note:

FINAL SWL: 9.85

CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-7 **Date:** 11-16-16

Sample ID: MW-7

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: Geotech 0.675" Portable Bladder Pump

Top of casing elevation (feet): 98.58 - **Total Depth (feet):** 19.46

Depth to Groundwater (feet): 9.73 - **Total Water (feet):** 9.73

Groundwater Elevation (feet): 88.85

Depth to top (feet) 4.46 **bottom** 19.46 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 171 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 100 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R__ D__ P__ (w/o cell): R__ D__ P__

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
933	9.73							CPM6(3)	7	20		start pump
944	9.82											start purge / scan
945	9.86	16.16	575	6.70	130	1.51						
947	9.87	16.38	612	6.61	136	1.03						
949	9.87	16.43	641	6.57	139	0.71						
951	9.87	16.37	636	6.55	142	0.57						stable
955												sampling

Last Event Note:

FINAL SWL: 9.80
CUM. VOLUME PURGED:

Dr. Calhoun's Office: Groundwater Monitoring Program Gauging and Sampling Sheet

Location: Dr. Calhoun's Office

Well ID/Number: MW-8 **Date:** 11-16-16

Sample ID: MW-8

Field Personnel: D. Montgomery / A. Norton

Sampling Organization: Montgomery Environmental

Purging Device-pump type: Geotech 0.675" Portable Bladder Pump

Top of casing elevation (feet): 98.25 - **Total Depth (feet):** 19.42

Depth to Groundwater (feet): 9.52 - **Total Water (feet):** 9.90

Groundwater Elevation (feet) 98.73

Depth to top (feet) 4.42 **bottom** 19.42 **(feet) of screen (below MP) Pump**

Intake at (feet below MP): 12.0

Single System Volume*: 171 mL

***Bladder Volume + Tubing Volume** **Flow Rate:** 100 mL/min

Spc: 3% **T (Celsius):** 3% **ORP:** 10mV **pH:** .1 units **DO:** 10%
Turb.: NA

Settings (w/cell) R___ D___ P___ (w/o cell): R___ D___ P___

CLOCK TIME (24 HR)	STATIC WATER DEPTH (SWL)	TEMP °C	SPECIFIC CONDUCT. [1] µS/cm	pH	ORP/ Eh	DO mg/L	TURBID. NTU	DISCH. TIMER SETTING (SECS)	REFILL TIMER SETTING (SECS)	PRESS. SETTING (psi)	FLOW RATE (ml/Min)	NOTES/COMMENTS
955	9.47							CPM6(3)	7	30		
959												Start pump
905	9.95					1.71						start purge/scan
906	9.94	14.99	699	6.30	123	~~1.21~~ 1.04						
908	9.97	15.22	801	6.33	117	1.36						
910	9.97	15.28	855	6.37	113	1.18						
912	9.95	15.43	886	6.40	110	0.88						
914	9.97	15.48	885	6.41	109	0.73						stabilize
920												sampling

Last Event Note:

FINAL SWL:

CUM. VOLUME PURGED:

Fields Environmental, Inc.
1309 West Vernal Pike
Bloomington, IN 47404
Phone: 812-333-5333

Low-Flow Groundwater Sampling Calibration Sheet

Location:	Dr Collins Office
Date:	11/14/2016
Field Personnel:	A NORTON
Calibrating Organization:	Fields Environmental, Inc.
Instrument:	MP-20 Flow Cell
System #:	1

Calibration Parameters

Parameter:	Original Setting:	Observed:	Set To:
pH (IE Standard Buffer Solution):	4.0	4.48	4.0
pH (IE Standard Buffer Solution):	7.0	—	7.0
pH (IE Standard Buffer Solution):	10.0	10.05	10.0
Specific Conductivity (mS/cm):	1413	1426	1413
Disolved Oxygen* (mg/L):	-	767	769 mm
Turbidity	0	—	0
Turbidity	50	—	50
Turbidity	100	—	100
O.R.P.** (mV):	236	277	236

Signature:	Richard Creek

Note: *Calibrate to current barometric pressure
**Zobel Solution

Appendix D

Laboratory Analytical Data
November 2016

Pace Analytical Services, LLC
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November 29, 2016

Mr. Doug Montgomery
Montgomery Environmental, Inc.
405 N. Walnut Street
Seymour, IN 47274

RE: Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Dear Mr. Montgomery:
Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Kenneth Hunt
kenneth.hunt@pacelabs.com
Project Manager

Enclosures

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(317)228-3100

CERTIFICATIONS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 003971
Indiana Certification #: C-49-06
Kansas/NELAP Certification #:E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #:98019
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2016-075
Texas Certification #: T104704355-16-10
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-16-00257

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SAMPLE SUMMARY

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50159269001	**Trip Blank**	Water	11/16/16 08:00	11/17/16 08:20
50159269002	**MW-8**	Water	11/16/16 09:20	11/17/16 08:20
50159269003	**MW-7**	Water	11/16/16 09:55	11/17/16 08:20
50159269004	**MW-3**	Water	11/16/16 10:45	11/17/16 08:20
50159269005	**MW-2**	Water	11/16/16 11:25	11/17/16 08:20
50159269006	**MW-6**	Water	11/16/16 12:05	11/17/16 08:20
50159269007	**MW-6 Duplicate**	Water	11/16/16 12:05	11/17/16 08:20
50159269008	**MW-1**	Water	11/16/16 12:55	11/17/16 08:20
50159269009	**MW-4**	Water	11/16/16 13:25	11/17/16 08:20
50159269010	**MW-5**	Water	11/16/16 14:00	11/17/16 08:20

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SAMPLE ANALYTE COUNT

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50159269001	**Trip Blank**	EPA 8260	TMW	73
50159269002	**MW-8**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269003	**MW-7**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269004	**MW-3**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269005	**MW-2**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269006	**MW-6**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269007	**MW-6 Duplicate**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269008	**MW-1**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269009	**MW-4**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73
50159269010	**MW-5**	EPA 8270 by SIM LVE	TBP	20
		EPA 8260	TMW	73

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SUMMARY OF DETECTION

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50159269001	**Trip Blank**					
EPA 8260	Methylene Chloride	8.8	ug/L	5.0	11/24/16 10:32	C9
50159269005	**MW-2**					
EPA 8260	Benzene	17.2	ug/L	5.0	11/24/16 12:26	
50159269006	**MW-6**					
EPA 8260	Benzene	12.1	ug/L	5.0	11/24/16 13:03	
50159269007	**MW-6 Duplicate**					
EPA 8260	Benzene	13.9	ug/L	5.0	11/24/16 13:41	
50159269010	**MW-5**					
EPA 8270 by SIM LVE	1-Methylnaphthalene	9.1	ug/L	1.0	11/22/16 17:59	N2
EPA 8270 by SIM LVE	2-Methylnaphthalene	14.1	ug/L	1.0	11/22/16 17:59	
EPA 8270 by SIM LVE	Naphthalene	36.3	ug/L	1.0	11/22/16 17:59	
EPA 8260	Benzene	8.3	ug/L	5.0	11/24/16 15:34	
EPA 8260	sec-Butylbenzene	7.5	ug/L	5.0	11/24/16 15:34	
EPA 8260	Ethylbenzene	140	ug/L	5.0	11/24/16 15:34	
EPA 8260	n-Hexane	148	ug/L	5.0	11/24/16 15:34	
EPA 8260	Isopropylbenzene (Cumene)	25.5	ug/L	5.0	11/24/16 15:34	
EPA 8260	p-Isopropyltoluene	8.7	ug/L	5.0	11/24/16 15:34	
EPA 8260	Naphthalene	57.7	ug/L	5.0	11/24/16 15:34	
EPA 8260	n-Propylbenzene	36.1	ug/L	5.0	11/24/16 15:34	
EPA 8260	Toluene	49.7	ug/L	5.0	11/24/16 15:34	
EPA 8260	1,2,4-Trimethylbenzene	146	ug/L	5.0	11/24/16 15:34	
EPA 8260	1,3,5-Trimethylbenzene	71.0	ug/L	5.0	11/24/16 15:34	
EPA 8260	Xylene (Total)	341	ug/L	10.0	11/24/16 15:34	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: Trip Blank **Lab ID: 50159269001** Collected: 11/16/16 08:00 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 10:32	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 10:32	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 10:32	107-13-1	
Benzene	ND	ug/L	5.0	1		11/24/16 10:32	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 10:32	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 10:32	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 10:32	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 10:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 10:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 10:32	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 10:32	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 10:32	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 10:32	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 10:32	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 10:32	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 10:32	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 10:32	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 10:32	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 10:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 10:32	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 10:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 10:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 10:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 10:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 10:32	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 10:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 10:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 10:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 10:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 10:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 10:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 10:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 10:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 10:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 10:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 10:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 10:32	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 10:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 10:32	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 10:32	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 10:32	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 10:32	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 10:32	98-82-8	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: Trip Blank **Lab ID: 50159269001** Collected: 11/16/16 08:00 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 10:32	99-87-6	
Methylene Chloride	**8.8**	ug/L	5.0	1		11/24/16 10:32	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 10:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 10:32	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 10:32	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 10:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 10:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 10:32	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 10:32	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 10:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 10:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 10:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 10:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 10:32	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 10:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 10:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 10:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 10:32	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 10:32	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 10:32	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 10:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	84-118	1		11/24/16 10:32	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-116	1		11/24/16 10:32	460-00-4	
Toluene-d8 (S)	98	%.	86-110	1		11/24/16 10:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-8 **Lab ID: 50159269002** Collected: 11/16/16 09:20 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 16:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	37	%.	18-117	1	11/21/16 14:39	11/22/16 16:25	321-60-8	
p-Terphenyl-d14 (S)	66	%.	10-112	1	11/21/16 14:39	11/22/16 16:25	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 11:10	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 11:10	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 11:10	107-13-1	
Benzene	ND	ug/L	5.0	1		11/24/16 11:10	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 11:10	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 11:10	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 11:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 11:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 11:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 11:10	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 11:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 11:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 11:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 11:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 11:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 11:10	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 11:10	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 11:10	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 11:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 11:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 11:10	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-8 **Lab ID: 50159269002** Collected: 11/16/16 09:20 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 11:10	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 11:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 11:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 11:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 11:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 11:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 11:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 11:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 11:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 11:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 11:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 11:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 11:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 11:10	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 11:10	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 11:10	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 11:10	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 11:10	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 11:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 11:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 11:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 11:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 11:10	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 11:10	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 11:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 11:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 11:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 11:10	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 11:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 11:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 11:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 11:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 11:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 11:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 11:10	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 11:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 11:10	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 11:10	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-8 **Lab ID: 50159269002** Collected: 11/16/16 09:20 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	106	%.	84-118	1		11/24/16 11:10	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-116	1		11/24/16 11:10	460-00-4	
Toluene-d8 (S)	96	%.	86-110	1		11/24/16 11:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-7 **Lab ID: 50159269003** Collected: 11/16/16 09:55 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 16:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:35	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:35	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	39	%.	18-117	1	11/21/16 14:39	11/22/16 16:35	321-60-8	
p-Terphenyl-d14 (S)	53	%.	10-112	1	11/21/16 14:39	11/22/16 16:35	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 11:48	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 11:48	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 11:48	107-13-1	
Benzene	ND	ug/L	5.0	1		11/24/16 11:48	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 11:48	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 11:48	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 11:48	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 11:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 11:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 11:48	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 11:48	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 11:48	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 11:48	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 11:48	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 11:48	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 11:48	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 11:48	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 11:48	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 11:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 11:48	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 11:48	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-7 **Lab ID: 50159269003** Collected: 11/16/16 09:55 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 11:48	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 11:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 11:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 11:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 11:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 11:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 11:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 11:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 11:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 11:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 11:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 11:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 11:48	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 11:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 11:48	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 11:48	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 11:48	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 11:48	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 11:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 11:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 11:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 11:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 11:48	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 11:48	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 11:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 11:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 11:48	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 11:48	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 11:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 11:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 11:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 11:48	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 11:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 11:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 11:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 11:48	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 11:48	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 11:48	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 11:48	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-7 **Lab ID: 50159269003** Collected: 11/16/16 09:55 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	106	%.	84-118	1		11/24/16 11:48	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-116	1		11/24/16 11:48	460-00-4	
Toluene-d8 (S)	97	%.	86-110	1		11/24/16 11:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-3 **Lab ID: 50159269004** Collected: 11/16/16 10:45 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 16:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 16:44	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	90-12-0	N2,R1
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	91-57-6	R1
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 16:44	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	43	%.	18-117	1	11/21/16 14:39	11/22/16 16:44	321-60-8	
p-Terphenyl-d14 (S)	66	%.	10-112	1	11/21/16 14:39	11/22/16 16:44	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/16 17:35	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/16 17:35	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/16 17:35	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/16 17:35	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/16 17:35	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/16 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/16 17:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/16 17:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/16 17:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/16 17:35	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/16 17:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/16 17:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/16 17:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/16 17:35	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/16 17:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/16 17:35	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/16 17:35	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/16 17:35	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/16 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/16 17:35	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/16 17:35	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-3 **Lab ID: 50159269004** Collected: 11/16/16 10:45 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/16 17:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/16 17:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/16 17:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/16 17:35	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/16 17:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/16 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/16 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/16 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/16 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/16 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/16 17:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/16 17:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/16 17:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/16 17:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/16 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/16 17:35	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/16 17:35	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/16 17:35	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/16 17:35	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/28/16 17:35	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/16 17:35	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/16 17:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/16 17:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/16 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/16 17:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/16 17:35	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/28/16 17:35	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/16 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/16 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/16 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/16 17:35	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/16 17:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/16 17:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/16 17:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/16 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/16 17:35	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/16 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/16 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/16 17:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/16 17:35	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/16 17:35	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/16 17:35	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/16 17:35	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-3 **Lab ID: 50159269004** Collected: 11/16/16 10:45 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	106	%.	84-118	1		11/28/16 17:35	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	79-116	1		11/28/16 17:35	460-00-4	
Toluene-d8 (S)	97	%.	86-110	1		11/28/16 17:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-2 **Lab ID: 50159269005** Collected: 11/16/16 11:25 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 17:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:12	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	31	%.	18-117	1	11/21/16 14:39	11/22/16 17:12	321-60-8	
p-Terphenyl-d14 (S)	43	%.	10-112	1	11/21/16 14:39	11/22/16 17:12	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 12:26	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 12:26	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 12:26	107-13-1	
Benzene	**17.2**	ug/L	5.0	1		11/24/16 12:26	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 12:26	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 12:26	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 12:26	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 12:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 12:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 12:26	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 12:26	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 12:26	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 12:26	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 12:26	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 12:26	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 12:26	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 12:26	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 12:26	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 12:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 12:26	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 12:26	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-2 **Lab ID: 50159269005** Collected: 11/16/16 11:25 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 12:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 12:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 12:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 12:26	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 12:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 12:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 12:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 12:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 12:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 12:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 12:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 12:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 12:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 12:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 12:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 12:26	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 12:26	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 12:26	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 12:26	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 12:26	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 12:26	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 12:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 12:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 12:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 12:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 12:26	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 12:26	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 12:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 12:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 12:26	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 12:26	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 12:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 12:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 12:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 12:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 12:26	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 12:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 12:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 12:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 12:26	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 12:26	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 12:26	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 12:26	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-2 **Lab ID: 50159269005** Collected: 11/16/16 11:25 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	105	%.	84-118	1		11/24/16 12:26	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-116	1		11/24/16 12:26	460-00-4	
Toluene-d8 (S)	98	%.	86-110	1		11/24/16 12:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-6 **Lab ID: 50159269006** Collected: 11/16/16 12:05 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 17:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:22	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:22	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	43	%.	18-117	1	11/21/16 14:39	11/22/16 17:22	321-60-8	
p-Terphenyl-d14 (S)	54	%.	10-112	1	11/21/16 14:39	11/22/16 17:22	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 13:03	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 13:03	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 13:03	107-13-1	
Benzene	**12.1**	ug/L	5.0	1		11/24/16 13:03	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 13:03	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 13:03	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 13:03	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 13:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 13:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 13:03	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 13:03	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 13:03	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 13:03	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 13:03	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 13:03	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 13:03	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 13:03	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 13:03	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 13:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 13:03	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 13:03	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-6 **Lab ID: 50159269006** Collected: 11/16/16 12:05 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 13:03	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 13:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 13:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 13:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 13:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 13:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 13:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 13:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 13:03	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 13:03	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 13:03	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 13:03	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 13:03	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 13:03	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 13:03	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 13:03	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 13:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 13:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 13:03	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 13:03	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 13:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 13:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 13:03	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 13:03	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 13:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 13:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 13:03	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 13:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 13:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 13:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 13:03	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 13:03	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 13:03	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 13:03	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-6 **Lab ID: 50159269006** Collected: 11/16/16 12:05 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	105	%.	84-118	1		11/24/16 13:03	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	79-116	1		11/24/16 13:03	460-00-4	
Toluene-d8 (S)	98	%.	86-110	1		11/24/16 13:03	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-6 Duplicate **Lab ID: 50159269007** Collected: 11/16/16 12:05 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 17:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:31	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:31	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	43	%.	18-117	1	11/21/16 14:39	11/22/16 17:31	321-60-8	
p-Terphenyl-d14 (S)	45	%.	10-112	1	11/21/16 14:39	11/22/16 17:31	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 13:41	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 13:41	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 13:41	107-13-1	
Benzene	**13.9**	ug/L	5.0	1		11/24/16 13:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 13:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 13:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 13:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 13:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 13:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 13:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 13:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 13:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 13:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 13:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 13:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 13:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 13:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 13:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 13:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 13:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 13:41	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-6 Duplicate **Lab ID: 50159269007** Collected: 11/16/16 12:05 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 13:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 13:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 13:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 13:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 13:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 13:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 13:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 13:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 13:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 13:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 13:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 13:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 13:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 13:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 13:41	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 13:41	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 13:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 13:41	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 13:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 13:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 13:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 13:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 13:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 13:41	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 13:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 13:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 13:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 13:41	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 13:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 13:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 13:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 13:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 13:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 13:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 13:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 13:41	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 13:41	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 13:41	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 13:41	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-6 Duplicate **Lab ID: 50159269007** Collected: 11/16/16 12:05 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	105	%.	84-118	1		11/24/16 13:41	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-116	1		11/24/16 13:41	460-00-4	
Toluene-d8 (S)	94	%.	86-110	1		11/24/16 13:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-1 **Lab ID: 50159269008** Collected: 11/16/16 12:55 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 17:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:40	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:40	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	20	%.	18-117	1	11/21/16 14:39	11/22/16 17:40	321-60-8	
p-Terphenyl-d14 (S)	16	%.	10-112	1	11/21/16 14:39	11/22/16 17:40	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 14:19	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 14:19	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 14:19	107-13-1	
Benzene	ND	ug/L	5.0	1		11/24/16 14:19	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 14:19	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 14:19	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 14:19	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 14:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 14:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 14:19	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 14:19	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 14:19	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 14:19	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 14:19	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 14:19	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 14:19	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 14:19	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 14:19	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 14:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 14:19	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 14:19	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-1 **Lab ID: 50159269008** Collected: 11/16/16 12:55 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 14:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 14:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 14:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 14:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 14:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 14:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 14:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 14:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 14:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 14:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 14:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 14:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 14:19	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 14:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 14:19	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 14:19	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 14:19	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 14:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 14:19	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 14:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 14:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 14:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 14:19	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 14:19	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 14:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 14:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 14:19	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 14:19	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 14:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 14:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 14:19	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 14:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 14:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 14:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 14:19	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 14:19	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 14:19	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 14:19	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-1 **Lab ID: 50159269008** Collected: 11/16/16 12:55 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	105	%.	84-118	1		11/24/16 14:19	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	79-116	1		11/24/16 14:19	460-00-4	
Toluene-d8 (S)	97	%.	86-110	1		11/24/16 14:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-4 **Lab ID: 50159269009** Collected: 11/16/16 13:25 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 17:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:50	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	90-12-0	N2
2-Methylnaphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:50	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	39	%.	18-117	1	11/21/16 14:39	11/22/16 17:50	321-60-8	
p-Terphenyl-d14 (S)	39	%.	10-112	1	11/21/16 14:39	11/22/16 17:50	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 14:56	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 14:56	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 14:56	107-13-1	
Benzene	ND	ug/L	5.0	1		11/24/16 14:56	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 14:56	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 14:56	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 14:56	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 14:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 14:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 14:56	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 14:56	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 14:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 14:56	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 14:56	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 14:56	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 14:56	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 14:56	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 14:56	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 14:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 14:56	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 14:56	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-4 **Lab ID: 50159269009** Collected: 11/16/16 13:25 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 14:56	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 14:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 14:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 14:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 14:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 14:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 14:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 14:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 14:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 14:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 14:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 14:56	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 14:56	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 14:56	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/24/16 14:56	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 14:56	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 14:56	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/24/16 14:56	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/24/16 14:56	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 14:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 14:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 14:56	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		11/24/16 14:56	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 14:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 14:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 14:56	127-18-4	
Toluene	ND	ug/L	5.0	1		11/24/16 14:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 14:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 14:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 14:56	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 14:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 14:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 14:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/24/16 14:56	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 14:56	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 14:56	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/24/16 14:56	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-4 **Lab ID: 50159269009** Collected: 11/16/16 13:25 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	102	%.	84-118	1		11/24/16 14:56	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-116	1		11/24/16 14:56	460-00-4	
Toluene-d8 (S)	96	%.	86-110	1		11/24/16 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-5 **Lab ID: 50159269010** Collected: 11/16/16 14:00 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/21/16 14:39	11/22/16 17:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/21/16 14:39	11/22/16 17:59	193-39-5	
1-Methylnaphthalene	**9.1**	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	90-12-0	N2
2-Methylnaphthalene	**14.1**	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	91-57-6	
Naphthalene	**36.3**	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/21/16 14:39	11/22/16 17:59	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	34	%.	18-117	1	11/21/16 14:39	11/22/16 17:59	321-60-8	
p-Terphenyl-d14 (S)	35	%.	10-112	1	11/21/16 14:39	11/22/16 17:59	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/24/16 15:34	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/24/16 15:34	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/24/16 15:34	107-13-1	
Benzene	**8.3**	ug/L	5.0	1		11/24/16 15:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/24/16 15:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/24/16 15:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/24/16 15:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/24/16 15:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/24/16 15:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/24/16 15:34	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/24/16 15:34	104-51-8	
sec-Butylbenzene	**7.5**	ug/L	5.0	1		11/24/16 15:34	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/24/16 15:34	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/24/16 15:34	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/24/16 15:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/24/16 15:34	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/24/16 15:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/24/16 15:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/24/16 15:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 15:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/24/16 15:34	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/24/16 15:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/24/16 15:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/24/16 15:34	74-95-3	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-5 **Lab ID: 50159269010** Collected: 11/16/16 14:00 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 15:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 15:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/24/16 15:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/24/16 15:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/24/16 15:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/24/16 15:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/24/16 15:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/24/16 15:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 15:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/24/16 15:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 15:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/24/16 15:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/24/16 15:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/24/16 15:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 15:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/24/16 15:34	10061-02-6	
Ethylbenzene	**140**	ug/L	5.0	1		11/24/16 15:34	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/24/16 15:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/24/16 15:34	87-68-3	
n-Hexane	**148**	ug/L	5.0	1		11/24/16 15:34	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/24/16 15:34	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/24/16 15:34	74-88-4	
Isopropylbenzene (Cumene)	**25.5**	ug/L	5.0	1		11/24/16 15:34	98-82-8	
p-Isopropyltoluene	**8.7**	ug/L	5.0	1		11/24/16 15:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/24/16 15:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/24/16 15:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/24/16 15:34	1634-04-4	
Naphthalene	**57.7**	ug/L	5.0	1		11/24/16 15:34	91-20-3	
n-Propylbenzene	**36.1**	ug/L	5.0	1		11/24/16 15:34	103-65-1	
Styrene	ND	ug/L	5.0	1		11/24/16 15:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 15:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/24/16 15:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/24/16 15:34	127-18-4	
Toluene	**49.7**	ug/L	5.0	1		11/24/16 15:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 15:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/24/16 15:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/24/16 15:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/24/16 15:34	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/24/16 15:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/24/16 15:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/24/16 15:34	96-18-4	
1,2,4-Trimethylbenzene	**146**	ug/L	5.0	1		11/24/16 15:34	95-63-6	
1,3,5-Trimethylbenzene	**71.0**	ug/L	5.0	1		11/24/16 15:34	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/24/16 15:34	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/24/16 15:34	75-01-4	
Xylene (Total)	**341**	ug/L	10.0	1		11/24/16 15:34	1330-20-7	

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ANALYTICAL RESULTS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Sample: MW-5 **Lab ID: 50159269010** Collected: 11/16/16 14:00 Received: 11/17/16 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	98	%.	84-118	1		11/24/16 15:34	1868-53-7	
4-Bromofluorobenzene (S)	107	%.	79-116	1		11/24/16 15:34	460-00-4	
Toluene-d8 (S)	102	%.	86-110	1		11/24/16 15:34	2037-26-5	

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

QC Batch: 363406 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 50159269001, 50159269002, 50159269003, 50159269005, 50159269006, 50159269007, 50159269008, 50159269009, 50159269010

METHOD BLANK: 1679287 | Matrix: Water
Associated Lab Samples: 50159269001, 50159269002, 50159269003, 50159269005, 50159269006, 50159269007, 50159269008, 50159269009, 50159269010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/24/16 06:09	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/24/16 06:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/24/16 06:09	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/24/16 06:09	
1,1-Dichloroethane	ug/L	ND	5.0	11/24/16 06:09	
1,1-Dichloroethene	ug/L	ND	5.0	11/24/16 06:09	
1,1-Dichloropropene	ug/L	ND	5.0	11/24/16 06:09	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/24/16 06:09	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/24/16 06:09	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/24/16 06:09	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/24/16 06:09	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/24/16 06:09	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/24/16 06:09	
1,2-Dichloroethane	ug/L	ND	5.0	11/24/16 06:09	
1,2-Dichloropropane	ug/L	ND	5.0	11/24/16 06:09	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/24/16 06:09	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/24/16 06:09	
1,3-Dichloropropane	ug/L	ND	5.0	11/24/16 06:09	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/24/16 06:09	
2,2-Dichloropropane	ug/L	ND	5.0	11/24/16 06:09	
2-Butanone (MEK)	ug/L	ND	25.0	11/24/16 06:09	
2-Chlorotoluene	ug/L	ND	5.0	11/24/16 06:09	
2-Hexanone	ug/L	ND	25.0	11/24/16 06:09	
4-Chlorotoluene	ug/L	ND	5.0	11/24/16 06:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/24/16 06:09	
Acetone	ug/L	ND	100	11/24/16 06:09	
Acrolein	ug/L	ND	50.0	11/24/16 06:09	
Acrylonitrile	ug/L	ND	100	11/24/16 06:09	
Benzene	ug/L	ND	5.0	11/24/16 06:09	
Bromobenzene	ug/L	ND	5.0	11/24/16 06:09	
Bromochloromethane	ug/L	ND	5.0	11/24/16 06:09	
Bromodichloromethane	ug/L	ND	5.0	11/24/16 06:09	
Bromoform	ug/L	ND	5.0	11/24/16 06:09	
Bromomethane	ug/L	ND	5.0	11/24/16 06:09	
Carbon disulfide	ug/L	ND	10.0	11/24/16 06:09	
Carbon tetrachloride	ug/L	ND	5.0	11/24/16 06:09	
Chlorobenzene	ug/L	ND	5.0	11/24/16 06:09	
Chloroethane	ug/L	ND	5.0	11/24/16 06:09	
Chloroform	ug/L	ND	5.0	11/24/16 06:09	
Chloromethane	ug/L	ND	5.0	11/24/16 06:09	

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

METHOD BLANK: 1679287 Matrix: Water

Associated Lab Samples: 50159269001, 50159269002, 50159269003, 50159269005, 50159269006, 50159269007, 50159269008, 50159269009, 50159269010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/24/16 06:09	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/24/16 06:09	
Dibromochloromethane	ug/L	ND	5.0	11/24/16 06:09	
Dibromomethane	ug/L	ND	5.0	11/24/16 06:09	
Dichlorodifluoromethane	ug/L	ND	5.0	11/24/16 06:09	
Ethyl methacrylate	ug/L	ND	100	11/24/16 06:09	
Ethylbenzene	ug/L	ND	5.0	11/24/16 06:09	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/24/16 06:09	
Iodomethane	ug/L	ND	10.0	11/24/16 06:09	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/24/16 06:09	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/24/16 06:09	
Methylene Chloride	ug/L	ND	5.0	11/24/16 06:09	
n-Butylbenzene	ug/L	ND	5.0	11/24/16 06:09	
n-Hexane	ug/L	ND	5.0	11/24/16 06:09	
n-Propylbenzene	ug/L	ND	5.0	11/24/16 06:09	
Naphthalene	ug/L	ND	5.0	11/24/16 06:09	
p-Isopropyltoluene	ug/L	ND	5.0	11/24/16 06:09	
sec-Butylbenzene	ug/L	ND	5.0	11/24/16 06:09	
Styrene	ug/L	ND	5.0	11/24/16 06:09	
tert-Butylbenzene	ug/L	ND	5.0	11/24/16 06:09	
Tetrachloroethene	ug/L	ND	5.0	11/24/16 06:09	
Toluene	ug/L	ND	5.0	11/24/16 06:09	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/24/16 06:09	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/24/16 06:09	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/24/16 06:09	
Trichloroethene	ug/L	ND	5.0	11/24/16 06:09	
Trichlorofluoromethane	ug/L	ND	5.0	11/24/16 06:09	
Vinyl acetate	ug/L	ND	50.0	11/24/16 06:09	
Vinyl chloride	ug/L	ND	2.0	11/24/16 06:09	
Xylene (Total)	ug/L	ND	10.0	11/24/16 06:09	
4-Bromofluorobenzene (S)	%.	99	79-116	11/24/16 06:09	
Dibromofluoromethane (S)	%.	105	84-118	11/24/16 06:09	
Toluene-d8 (S)	%.	97	86-110	11/24/16 06:09	

LABORATORY CONTROL SAMPLE: 1679288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.4	89	72-123	
1,1,2,2-Tetrachloroethane	ug/L	50	46.8	94	72-124	
1,1-Dichloroethene	ug/L	50	44.1	88	69-127	
1,2,4-Trimethylbenzene	ug/L	50	41.2	82	73-125	
1,2-Dichloropropane	ug/L	50	46.0	92	77-124	
Benzene	ug/L	50	45.0	90	76-122	

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

LABORATORY CONTROL SAMPLE: 1679288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	42.6	85	76-118	
Chloroform	ug/L	50	44.3	89	70-119	
cis-1,2-Dichloroethene	ug/L	50	44.5	89	74-120	
Ethylbenzene	ug/L	50	44.9	90	75-123	
Isopropylbenzene (Cumene)	ug/L	50	41.9	84	84-134	
Methyl-tert-butyl ether	ug/L	50	48.2	96	65-131	
Naphthalene	ug/L	50	41.4	83	65-134	
Tetrachloroethene	ug/L	50	43.5	87	69-119	
Toluene	ug/L	50	40.4	81	74-122	
trans-1,2-Dichloroethene	ug/L	50	44.8	90	72-122	
Trichloroethene	ug/L	50	41.7	83	75-123	
Vinyl chloride	ug/L	50	59.1	118	61-147	
Xylene (Total)	ug/L	150	130	86	75-127	
4-Bromofluorobenzene (S)	%.			96	79-116	
Dibromofluoromethane (S)	%.			99	84-118	
Toluene-d8 (S)	%.			97	86-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1679289 1679290

Parameter	Units	50159341008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	43.0	43.7	86	87	51-140	2	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	44.3	42.8	89	86	49-138	4	20	
1,1-Dichloroethene	ug/L	ND	50	50	41.9	41.9	84	84	51-144	0	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	38.6	40.1	77	80	32-143	4	20	
1,2-Dichloropropane	ug/L	ND	50	50	46.4	46.9	93	94	56-138	1	20	
Benzene	ug/L	ND	50	50	42.1	43.9	84	88	51-140	4	20	
Chlorobenzene	ug/L	ND	50	50	40.8	41.0	82	82	45-138	1	20	
Chloroform	ug/L	ND	50	50	43.4	43.3	87	87	50-135	0	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	44.3	44.1	89	88	43-144	0	20	
Ethylbenzene	ug/L	ND	50	50	43.6	42.5	87	85	36-146	3	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	40.6	39.6	81	79	43-159	2	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	48.3	46.3	97	93	43-146	4	20	
Naphthalene	ug/L	ND	50	50	38.3	38.4	77	77	38-141	0	20	
Tetrachloroethene	ug/L	ND	50	50	40.7	41.0	81	82	38-139	1	20	
Toluene	ug/L	ND	50	50	40.5	39.3	80	78	44-140	3	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	42.6	44.3	85	89	50-139	4	20	
Trichloroethene	ug/L	ND	50	50	40.2	42.0	80	84	44-146	4	20	
Vinyl chloride	ug/L	ND	50	50	52.9	54.6	106	109	43-166	3	20	
Xylene (Total)	ug/L	ND	150	150	124	124	82	83	35-146	0	20	
4-Bromofluorobenzene (S)	%.						101	99	79-116			
Dibromofluoromethane (S)	%.						100	100	84-118			
Toluene-d8 (S)	%.						100	100	86-110			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

QC Batch: 363603
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 50159269004

METHOD BLANK: 1680093
Matrix: Water
Associated Lab Samples: 50159269004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/28/16 11:56	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/28/16 11:56	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/28/16 11:56	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/28/16 11:56	
1,1-Dichloroethane	ug/L	ND	5.0	11/28/16 11:56	
1,1-Dichloroethene	ug/L	ND	5.0	11/28/16 11:56	
1,1-Dichloropropene	ug/L	ND	5.0	11/28/16 11:56	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/28/16 11:56	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/28/16 11:56	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/28/16 11:56	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/28/16 11:56	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/28/16 11:56	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/28/16 11:56	
1,2-Dichloroethane	ug/L	ND	5.0	11/28/16 11:56	
1,2-Dichloropropane	ug/L	ND	5.0	11/28/16 11:56	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/28/16 11:56	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/28/16 11:56	
1,3-Dichloropropane	ug/L	ND	5.0	11/28/16 11:56	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/28/16 11:56	
2,2-Dichloropropane	ug/L	ND	5.0	11/28/16 11:56	
2-Butanone (MEK)	ug/L	ND	25.0	11/28/16 11:56	
2-Chlorotoluene	ug/L	ND	5.0	11/28/16 11:56	
2-Hexanone	ug/L	ND	25.0	11/28/16 11:56	
4-Chlorotoluene	ug/L	ND	5.0	11/28/16 11:56	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/28/16 11:56	
Acetone	ug/L	ND	100	11/28/16 11:56	
Acrolein	ug/L	ND	50.0	11/28/16 11:56	
Acrylonitrile	ug/L	ND	100	11/28/16 11:56	
Benzene	ug/L	ND	5.0	11/28/16 11:56	
Bromobenzene	ug/L	ND	5.0	11/28/16 11:56	
Bromochloromethane	ug/L	ND	5.0	11/28/16 11:56	
Bromodichloromethane	ug/L	ND	5.0	11/28/16 11:56	
Bromoform	ug/L	ND	5.0	11/28/16 11:56	
Bromomethane	ug/L	ND	5.0	11/28/16 11:56	
Carbon disulfide	ug/L	ND	10.0	11/28/16 11:56	
Carbon tetrachloride	ug/L	ND	5.0	11/28/16 11:56	
Chlorobenzene	ug/L	ND	5.0	11/28/16 11:56	
Chloroethane	ug/L	ND	5.0	11/28/16 11:56	
Chloroform	ug/L	ND	5.0	11/28/16 11:56	
Chloromethane	ug/L	ND	5.0	11/28/16 11:56	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/28/16 11:56	

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

METHOD BLANK: 1680093 Matrix: Water
Associated Lab Samples: 50159269004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/28/16 11:56	
Dibromochloromethane	ug/L	ND	5.0	11/28/16 11:56	
Dibromomethane	ug/L	ND	5.0	11/28/16 11:56	
Dichlorodifluoromethane	ug/L	ND	5.0	11/28/16 11:56	
Ethyl methacrylate	ug/L	ND	100	11/28/16 11:56	
Ethylbenzene	ug/L	ND	5.0	11/28/16 11:56	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/28/16 11:56	
Iodomethane	ug/L	ND	10.0	11/28/16 11:56	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/28/16 11:56	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/28/16 11:56	
Methylene Chloride	ug/L	ND	5.0	11/28/16 11:56	
n-Butylbenzene	ug/L	ND	5.0	11/28/16 11:56	
n-Hexane	ug/L	ND	5.0	11/28/16 11:56	
n-Propylbenzene	ug/L	ND	5.0	11/28/16 11:56	
Naphthalene	ug/L	ND	5.0	11/28/16 11:56	
p-Isopropyltoluene	ug/L	ND	5.0	11/28/16 11:56	
sec-Butylbenzene	ug/L	ND	5.0	11/28/16 11:56	
Styrene	ug/L	ND	5.0	11/28/16 11:56	
tert-Butylbenzene	ug/L	ND	5.0	11/28/16 11:56	
Tetrachloroethene	ug/L	ND	5.0	11/28/16 11:56	
Toluene	ug/L	ND	5.0	11/28/16 11:56	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/28/16 11:56	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/28/16 11:56	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/28/16 11:56	
Trichloroethene	ug/L	ND	5.0	11/28/16 11:56	
Trichlorofluoromethane	ug/L	ND	5.0	11/28/16 11:56	
Vinyl acetate	ug/L	ND	50.0	11/28/16 11:56	
Vinyl chloride	ug/L	ND	2.0	11/28/16 11:56	
Xylene (Total)	ug/L	ND	10.0	11/28/16 11:56	
4-Bromofluorobenzene (S)	%.	99	79-116	11/28/16 11:56	
Dibromofluoromethane (S)	%.	104	84-118	11/28/16 11:56	
Toluene-d8 (S)	%.	95	86-110	11/28/16 11:56	

LABORATORY CONTROL SAMPLE: 1680094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	45.5	91	72-123	
1,1,2,2-Tetrachloroethane	ug/L	50	44.8	90	72-124	
1,1-Dichloroethene	ug/L	50	45.1	90	69-127	
1,2,4-Trimethylbenzene	ug/L	50	42.5	85	73-125	
1,2-Dichloropropane	ug/L	50	48.8	98	77-124	
Benzene	ug/L	50	45.5	91	76-122	
Chlorobenzene	ug/L	50	43.6	87	76-118	
Chloroform	ug/L	50	44.5	89	70-119	

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

LABORATORY CONTROL SAMPLE: 1680094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	48.8	98	74-120	
Ethylbenzene	ug/L	50	47.8	96	75-123	
Isopropylbenzene (Cumene)	ug/L	50	43.8	88	84-134	
Methyl-tert-butyl ether	ug/L	50	49.0	98	65-131	
Naphthalene	ug/L	50	41.2	82	65-134	
Tetrachloroethene	ug/L	50	45.4	91	69-119	
Toluene	ug/L	50	42.2	84	74-122	
trans-1,2-Dichloroethene	ug/L	50	46.6	93	72-122	
Trichloroethene	ug/L	50	46.5	93	75-123	
Vinyl chloride	ug/L	50	55.1	110	61-147	
Xylene (Total)	ug/L	150	133	88	75-127	
4-Bromofluorobenzene (S)	%.			100	79-116	
Dibromofluoromethane (S)	%.			102	84-118	
Toluene-d8 (S)	%.			98	86-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1680095 1680096

Parameter	Units	50159269004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	48.4	46.4	97	93	51-140	4	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	48.5	46.1	97	92	49-138	5	20	
1,1-Dichloroethene	ug/L	ND	50	50	48.0	46.3	96	93	51-144	3	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	42.6	42.6	85	85	32-143	0	20	
1,2-Dichloropropane	ug/L	ND	50	50	51.8	49.9	104	100	56-138	4	20	
Benzene	ug/L	ND	50	50	48.6	46.7	97	93	51-140	4	20	
Chlorobenzene	ug/L	ND	50	50	43.1	43.5	86	87	45-138	1	20	
Chloroform	ug/L	ND	50	50	48.7	46.6	97	93	50-135	5	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	52.4	50.1	105	100	43-144	4	20	
Ethylbenzene	ug/L	ND	50	50	46.3	46.0	93	92	36-146	1	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	43.0	42.6	86	85	43-159	1	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	52.6	51.6	105	103	43-146	2	20	
Naphthalene	ug/L	ND	50	50	43.8	42.4	88	85	38-141	3	20	
Tetrachloroethene	ug/L	ND	50	50	46.0	45.7	92	91	38-139	1	20	
Toluene	ug/L	ND	50	50	42.9	41.3	85	82	44-140	4	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.7	48.3	99	97	50-139	3	20	
Trichloroethene	ug/L	ND	50	50	47.6	47.2	95	94	44-146	1	20	
Vinyl chloride	ug/L	ND	50	50	59.1	57.2	118	114	43-166	3	20	
Xylene (Total)	ug/L	ND	150	150	132	133	88	88	35-146	1	20	
4-Bromofluorobenzene (S)	%.						98	102	79-116			
Dibromofluoromethane (S)	%.						106	106	84-118			
Toluene-d8 (S)	%.						96	96	86-110			

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

REPORT OF LABORATORY ANALYSIS

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(317)228-3100

QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

QC Batch: 362805 | Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50159269002, 50159269003, 50159269004, 50159269005, 50159269006, 50159269007, 50159269008, 50159269009, 50159269010

METHOD BLANK: 1676718 | Matrix: Water
Associated Lab Samples: 50159269002, 50159269003, 50159269004, 50159269005, 50159269006, 50159269007, 50159269008, 50159269009, 50159269010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	11/22/16 14:41	N2
2-Methylnaphthalene	ug/L	ND	1.0	11/22/16 14:41	
Acenaphthene	ug/L	ND	1.0	11/22/16 14:41	
Acenaphthylene	ug/L	ND	1.0	11/22/16 14:41	
Anthracene	ug/L	ND	0.10	11/22/16 14:41	
Benzo(a)anthracene	ug/L	ND	0.10	11/22/16 14:41	
Benzo(a)pyrene	ug/L	ND	0.10	11/22/16 14:41	
Benzo(b)fluoranthene	ug/L	ND	0.10	11/22/16 14:41	
Benzo(g,h,i)perylene	ug/L	ND	0.10	11/22/16 14:41	
Benzo(k)fluoranthene	ug/L	ND	0.10	11/22/16 14:41	
Chrysene	ug/L	ND	0.50	11/22/16 14:41	
Dibenz(a,h)anthracene	ug/L	ND	0.10	11/22/16 14:41	
Fluoranthene	ug/L	ND	1.0	11/22/16 14:41	
Fluorene	ug/L	ND	1.0	11/22/16 14:41	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	11/22/16 14:41	
Naphthalene	ug/L	ND	1.0	11/22/16 14:41	
Phenanthrene	ug/L	ND	1.0	11/22/16 14:41	
Pyrene	ug/L	ND	1.0	11/22/16 14:41	
2-Fluorobiphenyl (S)	%.	34	18-117	11/22/16 14:41	
p-Terphenyl-d14 (S)	%.	65	10-112	11/22/16 14:41	

LABORATORY CONTROL SAMPLE: 1676719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	10	7.2	72	35-115	N2
2-Methylnaphthalene	ug/L	10	6.6	66	25-120	
Acenaphthene	ug/L	10	7.6	76	37-129	
Acenaphthylene	ug/L	10	8.1	81	36-139	
Anthracene	ug/L	10	9.6	96	43-147	
Benzo(a)anthracene	ug/L	10	10.2	102	49-149	
Benzo(a)pyrene	ug/L	10	10.0	100	28-150	
Benzo(b)fluoranthene	ug/L	10	12.4	124	35-147	
Benzo(g,h,i)perylene	ug/L	10	9.5	95	15-133	
Benzo(k)fluoranthene	ug/L	10	9.7	97	24-149	
Chrysene	ug/L	10	8.9	89	45-139	
Dibenz(a,h)anthracene	ug/L	10	9.7	97	14-139	
Fluoranthene	ug/L	10	10.7	107	46-166	
Fluorene	ug/L	10	8.8	88	38-138	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

LABORATORY CONTROL SAMPLE: 1676719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	10	10.2	102	17-139	
Naphthalene	ug/L	10	6.2	62	29-120	
Phenanthrene	ug/L	10	8.7	87	48-145	
Pyrene	ug/L	10	9.1	91	48-152	
2-Fluorobiphenyl (S)	%.			42	18-117	
p-Terphenyl-d14 (S)	%.			63	10-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1676720 1676721

Parameter	Units	50159269004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	10	10	6.1	7.7	61	77	16-121	23	20	N2,R1
2-Methylnaphthalene	ug/L	ND	10	10	5.8	7.2	58	72	11-122	21	20	R1
Acenaphthene	ug/L	ND	10	10	6.4	7.8	64	78	14-137	19	20	
Acenaphthylene	ug/L	ND	10	10	6.6	7.8	66	78	17-141	18	20	
Anthracene	ug/L	ND	10	10	8.3	9.4	83	94	22-145	12	20	
Benzo(a)anthracene	ug/L	ND	10	10	8.2	9.1	82	91	16-128	11	20	
Benzo(a)pyrene	ug/L	ND	10	10	6.9	7.9	69	79	10-97	13	20	
Benzo(b)fluoranthene	ug/L	ND	10	10	7.2	8.8	72	88	10-103	20	20	
Benzo(g,h,i)perylene	ug/L	ND	10	10	3.4	3.8	34	38	10-70	10	20	
Benzo(k)fluoranthene	ug/L	ND	10	10	7.8	8.4	78	84	10-95	8	20	
Chrysene	ug/L	ND	10	10	7.5	8.6	75	86	15-118	14	20	
Dibenz(a,h)anthracene	ug/L	ND	10	10	3.4	3.8	34	38	10-73	11	20	
Fluoranthene	ug/L	ND	10	10	9.5	10.6	95	106	24-159	11	20	
Fluorene	ug/L	ND	10	10	7.5	8.8	75	88	19-140	16	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	10	3.9	4.3	39	43	10-74	10	20	
Naphthalene	ug/L	ND	10	10	5.4	6.6	54	66	10-132	20	20	
Phenanthrene	ug/L	ND	10	10	7.6	8.6	76	86	31-141	12	20	
Pyrene	ug/L	ND	10	10	8.0	8.8	80	88	29-144	10	20	
2-Fluorobiphenyl (S)	%.						40	48	18-117			
p-Terphenyl-d14 (S)	%.						52	58	10-112			

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QUALIFIERS

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

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.

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.

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Dr. Calhoun's Office
Pace Project No.: 50159269

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50159269002	**MW-8**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269003	**MW-7**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269004	**MW-3**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269005	**MW-2**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269006	**MW-6**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269007	**MW-6 Duplicate**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269008	**MW-1**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269009	**MW-4**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269010	**MW-5**	EPA 3510	362805	EPA 8270 by SIM LVE	363118
50159269001	**Trip Blank**	EPA 8260	363406		
50159269002	**MW-8**	EPA 8260	363406		
50159269003	**MW-7**	EPA 8260	363406		
50159269004	**MW-3**	EPA 8260	363603		
50159269005	**MW-2**	EPA 8260	363406		
50159269006	**MW-6**	EPA 8260	363406		
50159269007	**MW-6 Duplicate**	EPA 8260	363406		
50159269008	**MW-1**	EPA 8260	363406		
50159269009	**MW-4**	EPA 8260	363406		
50159269010	**MW-5**	EPA 8260	363406		

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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.

1034

Page: 1 of 1

2136790

Section A Required Client Information:

Company: Montgomery Environmental Inc.
Address: 305 N Walnut St
Seymour IN 47274
Email To: meienvc@frontier.com
Phone: (812) 528 8528 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: D. Montgomery
Copy To:
Purchase Order No.:
Project Name: D. Calhoun's Office
Project Number:

Section C Invoice Information:

Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager: Ken Hunt
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER VRP

Site Location STATE: IN

50159269

Section D Required Client Information

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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: VOC	Analysis Test: PAH	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Trip Blank	WT				11/16/16			3				✓					✓			001
2	MW-8		G				920		5	✓			✓					✓	✓		002
3	MW-7						955		5	✓			✓					✓	✓		003
4	MW-3						1045		15	✓			✓					✓	✓		004
5	MW-2						1125		5	✓			✓					✓	✓		005
6	MW-6						1205		5	✓			✓					✓	✓		006
7	MW-6 Duplicate						1205		5	✓			✓					✓	✓		007
8	MW-1						1255		5	✓			✓					✓	✓		008
9	MW-4						1325		5	✓			✓					✓	✓		009
10	MW-5						1400		5	✓			✓					✓	✓		010
11																					
12																					

Requested Analysis Filtered (Y/N)

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)
Level IV QA	FED EX	11/16/16	1830	FEDEX						
MW-3 is MS/MSD				[illegible]	11/17/16	0820	2.0	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Dan Montgomery
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/16/16

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

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

Sample Condition Upon Receipt

Pace Analytical™ Client Name: MONTGOMERY ENVIR Project # 50159269

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

Tracking #: 711474265734

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

Date/Time 5035A kits placed in freezer _____

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

Thermometer 1 2 3 4 5 6 (A) B C D E F Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature (Initial/Corrected) 2.0 / 2.0 Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: ML 11/17/16

		Comments:
Are samples from West Virginia? Document any containers out of temp.	☐Yes ☑No	1.
Chain of Custody Present:	☑Yes ☐No ☐N/A	2.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	3.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	4.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Containers Intact:	☑Yes ☐No ☐N/A	8.
Sample Labels match COC: -Includes date/time/ID/Analysis	~~☐Yes~~ ML ☑No ☐N/A	9. SAMPLE ID = "MW-6 DUP" DID NOT CONTAIN "DUP" ON LABEL HAND WROTE "MW-6 DUP" ON 1/3 DGAU
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes ☐No ☑N/A	10 (Circle) HNO3 H2SO4 NaOH NaOH/ZnAc
Residual Chlorine Check (SVOC 625 Pest/PCB 608)		11. Present Absent
Residual Chlorine Check (Total/Amenable/Free Cyanide)		12. Present Absent
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	13
Headspace Wisconsin Sulfide	☐Yes ☐No	14
Trip Blank Present:	☑Yes ☐No ☐N/A	15
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Project Manager Review		
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	15.
Sufficient Volume:	☑Yes ☐No ☐N/A	16.
Correct Containers Used:	☑Yes ☐No ☐N/A	17.

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hurst **Date:** 11/17/16

Form F-IN-Q-290-rev.09, 13Oct2015

Sample Container Count

CLIENT: MONTGOMERY ENVIR.

COC PAGE 1 of 1
COC ID# 2136790

Project # 50159269

Matrix SI/W/Ot (Soil/Water/Other) ✓

Sample Line Item	DG9H / VG9H	AG1U	WGFU	AG0U	R Bulk Kit	4 / 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	AG2U					pH <2	pH >9	pH>12
1	3																								
2	3			2																					
3	3			2																					
4	9			6																					
5	3			2																					
6	3			2																					
7	3			2																					
8	3			2																					
9	3			2																					
10	3			2																					
11																									
12																									

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

F-IN-Q-270-rev.06,11May2015