



Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

ILLINOIS EPA RCRA CORRECTIVE ACTION CERTIFICATION

This certification must accompany any document submitted to Illinois EPA in accordance with the corrective action requirements set forth in a facility's RCRA permit. The original and two copies of all documents submitted must be provided.

1.0 Facility Identification

Name	<u>Equilon Enterprises LLC dba Shell Oil Products US</u>	County	<u>Madison</u>
Street Address	<u>900 South Central Avenue</u>	Site No. (IEPA)	<u>1191150002</u>
City	<u>Roxana</u>	Site No. (USEPA)	<u>ILD080012305</u>

2.0 Owner Information

Name Not Applicable
 Mail Address _____
 City _____
 State _____ Zip Code _____
 Contact Name _____
 Contact Title _____
 Phone _____

3.0 Operator Information

Name Equilon Enterprises LLC dba SOPUS
 Mail Address 17 Junction Drive, PMB #399
 City Glen Carbon
 State IL Zip Code 62034
 Contact Name Kevin Dyer
 Contact Title Senior Principal Program Manager
 Phone 618-288-7237

4.0 Type of Submission (check applicable item and provide requested information, as applicable)

RFI Phase I Workplan/Report IEPA Permit Log No. B-43R
 RFI Phase II Workplan/Report Date of Last IEPA Letter on Project Jan 18, 2017
 CMP Report; Log No. of Last IEPA Letter on Project B-43R-CA-59, -60, -69
 Other (describe): Does this submittal include groundwater information: Yes No
Supplemental Information to TACO Tier 3 Demonstration
 Date of Submittal Jul 14, 2017

5.0 Description of Submittal: (briefly describe what is being submitted and its purpose)

Additional information to supplement the TACO Tier 3 Demonstration previously submitted on April 6, 2017, as requested by IEPA on 6/29/17. Required copies separately sent to IEPA personnel.

6.0 Documents Submitted (identify all documents in submittal, including cover letter; give dates of all documents)

RCRA Corrective Action Certification, Supplemental to TACO Tier 3 Demonstration letter, Enclosures

7.0 Certification Statement

(This statement is part of the overall certification being provided by the owner/operator, professional and laboratory in Items 7.1, 7.2 and 7.3 below). The activities described in the subject submittals have been carried out in accordance with procedures approved by Illinois EPA. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

For: Supplemental to TACO Tier 3 Dem.

Date of Submission: 7/14/17

7.1 Owner/Operator Certification

(Must be completed for all submittals. Certification and signature requirements are set forth in 35 IAC 702.126.) All submittals pertaining to the corrective action requirements set forth in a RCRA Permit must be signed by the person designated below (or by a duly authorized representative of that person):

1. For a Corporation, by a principal executive officer of at least the level of vice president.
2. For a Partnership or Sole Proprietorship, by a general partner or the proprietor, respectively.
3. For a Governmental Entity, by either a principal executive officer or a ranking elected official.

A person is a duly authorized representative only if:

1. the authorization is made in writing by a person described above; and
2. the written authorization is provided with this submittal (a copy of a previously submitted authorization can be used).

Owner Signature: _____ Date: _____

Title: _____

Operator Signature: *Kevin Edger* Date: 7/10/17

Title: Senior Principal Program Manager

7.2 Professional Certification (if necessary)

Work carried out in this submittal or the regulations may also be subject to other laws governing professional services, such as the Illinois Professional Land Surveyor Act of 1989, the Professional Engineering Practice Act of 1989, the Professional Geologist Licensing Act, and the Structural Engineering Licensing Act of 1989. No one is relieved from compliance with these laws and the regulations adopted pursuant to these laws. All work that falls within the scope and definitions of these laws must be performed in compliance with them. The Illinois EPA may refer any discovered violation of these laws to the appropriate regulating authority.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

Professional's Signature: _____ Date: _____

Professional's Name Not Applicable

Address _____

Professional's Seal:

City _____

State _____ Zip Code _____

Phone _____

7.3 Laboratory Certification (if necessary)

The sample collection, handling, preservation, preparation and analysis efforts for which this laboratory was responsible were carried out in accordance with procedures approved by Illinois EPA.

Name of Laboratory Not Applicable

Date: _____

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address _____

Name and Title of Laboratory Responsible Officer

City _____

State _____ Zip Code _____

July 14, 2017

Ms. Joyce Munie, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62794

**Supplement to TACO Tier 3 Demonstration
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises, LLC d/b/a Shell Oil Products US**

Dear Ms. Munie:

On behalf of Equilon Enterprises, LLC d/b/a Shell Oil Products US (SOPUS), AECOM is submitting this letter which supplements the *TACO Tier 3 Demonstration* (Report) previously submitted to the Illinois Environmental Protection Agency (IEPA) on April 6, 2017. The information contained in this letter was requested by the IEPA during a meeting with representatives from SOPUS on June 29, 2017 and in subsequent emails (June 30, 2017 email from Jim Moore to Kevin Dyer, and July 5, 2017 email from Amy Boley to Kevin Dyer).

The Report contains site-specific calculated remediation objectives (ROs) based on the use of an Alternative Model, as defined in Illinois' *Tiered Approach to Corrective Action Objectives* (TACO) rules (Title 35 Illinois Administrative Code [IAC] Part 742.910). Although the Report also includes a proposal for soil gas monitoring in the absence of soil vapor extraction (SVE) system operation, SOPUS requests that as a first step IEPA review for approval the use of the Little, Daisey, Nazaroff (LDN) model and the proposed ROs in the Report. As requested by IEPA, this letter provides a mapping of 742.910 (a) through (g) with specific sections of the Report (**Attachment A**). **Attachment B**, which also accompanies this letter, provides additional information on the Alternative Model requirements.

In addition to the information requested during the June 29, 2017 meeting, IEPA provided three additional comments via email on June 30, 2017 and one comment via email on July 5, 2017. The table below summarizes the information requested by the IEPA and SOPUS' response.

Table 1- Summary of IEPA Questions/ Comments

Source of IEPA Request/ Question	Question/Comment	Response
June 29, 2017 Meeting	<i>How do decisions regarding the SVE system or soil gas monitoring affect the refinery groundwater treatment system? (Paraphrased)</i>	The refinery groundwater pumping and treatment system has been a condition of SOPUS' RCRA Post Closure Permit since approximately 1989. The groundwater pumping system provides makeup water primarily for cooling water and emergency firewater needs from a combination of up to 18 wells on the Main and North Properties. Most of these wells have collocated oil recovery wells. This system operates completely independent from the SVE system. Following shut down of the SVE system, operation of the groundwater pumping and LNAPL recovery system will continue in accordance with the RCRA permit.
June 30, 2017 email from Jim Moore to Kevin Dyer- Comment 1	<i>"Please prepare a table listing all the VOCs identified in 35 Ill. Admin. Code 742 and indicate which ones have been detected in the soil gas and/or groundwater. This will serve to identify the list of contaminants of concern for which remediation objectives must be developed."</i>	A goal of the Tier 3 Demonstration is to establish ROs for soil gas. As such the chemicals monitored under the approved soil gas analyte list were used as the basis for development of the soil gas ROs. A description of the process for developing the ROs presented in Section 2.1.4 and Appendix 2-C, Tables 1 and 2 of Part 2 of the Report. The analyte list for soil gas for the Site was approved by IEPA on May 21, 2009, upon approval of the <i>Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Work Plan</i> dated January 21, 2009.
June 30, 2017 email from Jim Moore to Kevin Dyer- Comment 2	<i>"You will eventually need to develop a complete new section describing how you will monitor compliance with any soil remediation objectives which may eventually be approved for this project. As indicated, sample points will need to be biased somewhat to the more contaminated areas. Thus, it is important for you to compile and present (both graphically and in tables) the extent and distribution of the: (1) groundwater</i>	This comment is acknowledged, but because the focus of the current letter is providing information related to the Alternative Model and ROs, these comments will be addressed in a separate, future submittal.

Source of IEPA Request/ Question	Question/Comment	Response
	<p><i>contamination beneath/near the Roxana Study Area; and (2) the levels of contaminants in the subsurface soil gas throughout the entire vadose zone. Once you have this information compiled, you will need to propose soil gas sampling locations which will be monitored to demonstrate compliance with any approved soil gas remediation objectives.”</i></p>	
<p>June 30, 2017 email from Jim Moore to Kevin Dyer- Comment 3</p>	<p><i>“Also, as discussed, you will need to change your complete sampling/analysis scheme, as field screening is not an acceptable way to verify compliance with any approved soil gas remediation objectives.”</i></p>	<p>This comment is acknowledged, but because the focus of the current letter is providing information related to the Alternative Model and ROs, these comments will be addressed in a separate, future submittal.</p>
<p>July 5, 2017 email from Amy Boley and July 6, 2017 subsequent call between Amy Boley and Bob Billman</p>	<p><i>IEPA requested information on the distribution of groundwater contamination for the purpose of comparison with proposed soil vapor monitoring locations.</i></p>	<ul style="list-style-type: none"> • Table 3 showing analytes detected in groundwater – table to be included in the upcoming 2nd Quarter 2017 (2Q17) Roxana groundwater monitoring report. • Figure 6 (2Q17 Dissolved Phase Benzene Concentrations in Groundwater) showing benzene concentrations in groundwater – figure to be included in the upcoming 2Q17 Roxana groundwater monitoring report. • Figure 4 (2Q17 Vapor Port Screen Comparison to Groundwater Elevation) showing groundwater monitoring well and soil vapor monitoring locations – figure to be included in the 2Q17 Roxana soil vapor monitoring report. • Table and Figures are on the enclosed disc.

If you have any questions or comments regarding this submittal, please contact Kevin Dyer, SOPUS Senior Principal Program Manager, at kevin.dyer@shell.com (618-288-7237), or Robert Mooshegian at robert.mooshegian@aecom.com (314-743-4106).

Sincerely,

AECOM, on behalf of Shell Oil Products US



Robert Billman, P.G.
Senior Project Manager



Robert E. Mooshegian, CHMM
Senior Program Manager

Enclosures: Attachment A – Alternative Model Requirements
Attachment B – Alternative Model Requirements – Supplemental Information
Disc with LDN Excel files and groundwater table and figures
Illinois EPA RCRA Corrective Action Certification Form

cc: James Moore, IEPA, Springfield
Gina Search, IEPA, Collinsville
Amy Boley, IEPA, Springfield
Bill Sinnott, IEPA, Springfield
Kevin Dyer, SOPUS
Shannon Haney, Greensfelder, Hemker & Gale, P.C.
Repositories – Roxana Village Hall, Roxana Public Library, website
Project Central File

**Attachment A
TACO Tier 3 Demonstration
Alternative Model Requirements**

TACO Part 742.910 Requirement	TACO Tier 3 Demonstration Reference
a.) Physical and chemical properties of contaminants of concern	Exhibit 2-6 (Pages 2-6 and 2-7 of Part 2) Appendix 2-B, Table 1 (Part 2) Appendix 2-B, Table 3 (Part 2)
b.) Contaminant movement properties	Exhibit 2-6 (Pages 2-6 and 2-7 of Part 2) Appendix 2-B, Table 1 (Part 2) Appendix 2-B, Table 3 (Part 2)
c.) Contaminant availability to receptors	Exhibit 2-5 (Page 2-5 of Part 2) Exhibit 2-6 (Pages 2-6 and 2-7 of Part 2) Appendix 2-B, Table 1 (Part 2) Appendix 2-B, Table 3 (Part 2)
d.) Receptor exposure to the contaminants of concern	Appendix 2-B, Table 2 (Part 2) Appendix 2-B, Table 4 (Part 2)
e.) Mathematical and technical justification for the model proposed	Section 2.1.1.3 (Page 2-5 of Part 2) Exhibit 2-5 (Page 2-5 of Part 2)
f.) A licensed copy of the model, if the Agency does not have a licensed copy of the model currently available for use.	Appendix 2-A (Part 2) Appendix 2-B, Table 1 (Part 2) Appendix 2-B, Table 2 (Part 2) Appendix 2-B, Table 3 (Part 2) Appendix 2-B, Table 4 (Part 2)
g.) Demonstration that the models were correctly applied	Exhibit 2-4 (Page 2-5 of Part 2) Appendix 2-A, Figure 3, Page 2063 (Part 2)

Attachment B
TACO Tier 3 Demonstration
Alternative Model Requirements – Supplemental Information

AECOM, on behalf of Equilon Enterprises LLC (d/b/a Shell Oil Products US), submitted a TACO Tier 3 Demonstration (Report) dated April 2017 that included the use of the Little, Daisey, Nazaroff (LDN) model as an Alternative Model. The application of the LDN model is described in Part 2 of the Report. A provision for the use of an Alternative Model is provided for in Title 35 Illinois Administrative Code (IAC) Part 742, Section 910 as follows:

Any proposals for the use of models other than those specified in Tier 2 shall be submitted to the Agency for review and approval. A submittal under this Section shall include the following information:

- a) *Physical and chemical properties of contaminants of concern;*
- b) *Contaminant movement properties;*
- c) *Contaminant availability to receptors;*
- d) *Receptor exposure to the contaminants of concern;*
- e) *Mathematical and technical justification for the model proposed;*
- f) *A licensed copy of the model, if the Agency does not have a licensed copy of the model currently available for use; and*
- g) *Demonstration that the models were correctly applied.*

Attachment A of this transmittal maps the above requirements to the location within Part 2 of the Report where the information may be found. Additional information in support of the alternative model, as required by Section 742.910, is provided in the text below. All references to text, page numbers, exhibits and appendices below are within Part 2 of the Tier 3 Demonstration.

a) Physical and Chemical Properties of Contaminants of Concern

The physical and chemical properties for the chemicals evaluated as part of the LDN modeling process can be found in Appendix 2-B, Table 1 and Table 3 of the Report. The list of chemicals evaluated was based on historical soil gas data as described in Sections 2.1.3 and 2.1.4, and the corresponding LDN screening values developed using the following decision process.

Soil gas data collected between 4th Quarter 2009 (4Q09) and 4th Quarter 2016 (4Q16)¹ were subjected to a series of three questions as described below.

- 1.) Is there chemical toxicity data available?
- 2.) Is the detection frequency greater than 5-percent?
- 3.) Is the chemical a petroleum hydrocarbon?

If the answer to all of the aforementioned questions was “yes”, LDN screening values were calculated for that chemical. In total, eighteen (18) chemicals met all three criteria.²

The chemical properties used to perform the modeling were molecular weight (to convert between concentration and mass per volume), diffusivity in air (which is a key variable in any model based on Fick's Laws of Diffusion), diffusivity in water, and Henry's Law constant.

As indicated in Appendix 2-B, Table 1, the values in black text were taken from TACO, Appendix C, Table E and values in blue text were taken from the 2016 U.S. Environmental Protection Agency (USEPA) Regional Screening Level (RSL) tables. Values are shown in Appendix 2-B, Table 1 for the following parameters:

- Molecular weight (MW) in units of g/mol;
- Diffusivity in air (D_a) in units of cm^2/sec ;
- Diffusivity in water (D_w) in units of cm^2/sec ;
- Henry's Law Constant (H') unitless;
- Henry's Law Constant (H) in units of $\text{atm}\cdot\text{m}^3/\text{mol}$;
- Water solubility (S) in units of mg/L;
- Organic carbon partitioning coefficient (K_{oc}) in units of cm^3/g ; and
- Vapor pressure (P) in units of mm Hg.

As indicated above, the molecular weight, diffusivity in air, diffusivity in water and Henry's Law constant were directly used in the LDN modeling. The other parameters were not used in calculating LDN screening values.

b) Contaminant Movement Properties

The movement of soil gas through soil in the LDN model is assumed to be via diffusion. The rate of movement is a function of the effective diffusivity. As indicated in Exhibit 2-6 (on pages 2-6 and 2-7), the effective diffusivity is calculated from the diffusivity in air, the total porosity of the soil, the water-filled porosity of the soil, and the air-filled porosity of the soil. Diffusivity in air values are given in Appendix 2-B, Table 1.

¹ Soil gas data collected based on IEPA approved analyte list.

² Calculated LDN screening value based on 3 foot transport for the residential scenario and 5 foot transport for the commercial scenario.

The values for the various porosities were the TACO default values, as shown in Exhibit 2-6:

- Total porosity (E_t) = 0.43;
- Water-filled porosity (E_w) = 0.15; and
- Air-filled porosity (E_a) = 0.28.

These are each volume:volume ratios and therefore unitless values. These same TACO default values also may be found in Appendix 2-B, Tables 1 and 3.

c) Contaminant Availability to Receptors

The LDN model is broadly applicable to different subsurface scenarios; in the LDN model for this application, an occupied house atop a source of VOC vapors was assumed. It was also assumed that the VOCs in the soil gas in the immediate vicinity of the building are swept into the building and the interior space is one compartment (a well-mixed space). Therefore, the LDN modeling assumed a complete pathway for vapor intrusion with the VOCs readily available to receptors.

As indicated in Exhibit 2-5 (on page 2-5), the LDN modeling assumed no aerobic biodegradation of petroleum hydrocarbons and assumed no resistance for vapor transport across the building slab (i.e., no added attenuation factor for the presence of the slab compared with no slab). The LDN model assumes that any VOCs that migrate to the vicinity of the building will be swept into the building. Therefore, the overall VOC transport rate is limited by diffusion through the underlying soil and not the rate of vapor intrusion across the soil-building interface (commonly referred to in modeling as Q_{soil} and typically set at 5 L/min for modeling buildings with slabs).

As indicated in Exhibit 2-6 (on pages 2-6 and 2-7), the building dimensions were based on TACO defaults of length = 1000 cm, width = 1000 cm, and ceiling height = 244 cm, and the ventilation rate was the TACO default value of 0.53 air changes per hour (ACH). These same TACO default values also may be found in Appendix 2-B, Table 1.

For the construction worker in a trench scenario, there are no specific TACO default values for trench size or air turnover. There is no standard model for trenches, but the Virginia DEQ (VADEQ) Voluntary Remediation Program, Risk Assessment Guidance³ serves as a widely-used template for calculations of this type. As indicated in Exhibit 2-6 (on pages 2-6 and 2-7), the trench dimensions were based on VADEQ guidance of length = 244 cm, width = 91 cm, and depth = 457 cm, and the ventilation rate was the VADEQ value of 2 air changes per hour (ACH). These same values also may be found in Appendix 2-B, Table 3.

d) Receptor Exposure to the Contaminants of Concern

As indicated in Appendix 2-B, Table 2, the indoor air calculations were based on a 350 day/year exposure for 30 years (i.e., the TACO default values for residential exposure). Toxicity data from the USEPA RSLs dated May 2016 were used.

³ <http://www.deq.virginia.gov/Programs/LandProtectionRevitalization/RemediationProgram/VoluntaryRemediationProgram/VRP/RiskAssessmentGuidance/Guidance.aspx>

For the worker in a trench scenario, the TACO construction worker default exposure frequency was used. The assumptions were of 8 hours per day, 30 days per year, over an exposure duration of 1 year, as discussed on page 2-9 of the Report and shown in Appendix 2-B, Table 4.

e) Mathematical and Technical Justification for the Model Proposed

The LDN model was published in the American Chemical Society (ACS) journal, Environmental Science & Technology (ES&T). As such, the model has undergone peer review prior to publication in this leading journal. As discussed in Section 2.1.1.3 of Part 2 of the Report, the LDN model is comparable to the J&E model, but is capable of modeling a broader range of conditions. In particular, the LDN model is appropriate for modeling scenarios where no building slab is present or assumed (which is assumed under J&E). Exhibit 2-5 (on page 2-5) of the Report compared the two models in terms of 12 different concepts.

The LDN model was selected because it resembles the J&E model, while allowing for a scenario where no building slab is considered (i.e., a more conservative scenario). It is also our understanding that the LDN model has previously been accepted by the Illinois Environmental Protection Agency (IEPA) as part of prior Tier 3 demonstrations.

The LDN model is equivalent to the equations given in TACO for calculating diffusive transport through soil and calculating exposure once vapors have entered an indoor space. Therefore, the mathematical and technical justifications that apply to that part of TACO also generally apply to the LDN model.

f) A Licensed Copy of the Model

There is no commercially available software that incorporates the LDN model, therefore no licensed copy exists.

The original journal article that presents the equations of the LDN model was included as Appendix 2-A of the Report. The LDN equations were incorporated into Microsoft Excel™ (Excel) workbooks for this modeling exercise. Hard copies of the spreadsheets are included as Appendix 2-B, Tables 1 through 4. The enclosed disc contains copies of the Excel files associated with the LDN model.

g) Demonstration that the Models Were Correctly Applied

The LDN model is a set of equations specifically combined to address vapor transport through soil and into an overlying building. The LDN model was used to address these same processes for the same purpose as in the original work; therefore, in that general sense, the model was applied as designed and intended. The vapor transport processes are shown in Figure 3 of the original journal article (see Appendix 2-A of Part 2 of the Report) and also in Exhibit 2-4 (page 2-5).

The specific details of the model application also indicate that the work was done correctly. The work was performed by experienced vapor intrusion modelers. As part of this work, a series of quality control (QC) checks were incorporated to ensure that the model was correctly applied. First, after the LDN equations were set-up in a spreadsheet format, a series of modeling runs were performed to compare the LDN model to the USEPA spreadsheets that incorporate the J&E model. The J&E model runs were set up with a very large crack-to-slab ratio to mimic a no slab scenario. In this way,

the existing USEPA spreadsheets containing the J&E model could be used to verify the diffusive transport calculations in the LDN spreadsheets. For all scenarios, the two models were found to give essentially identical results. Second, a detail check of the LDN spreadsheets was performed to verify that the inputs and formulas were accurate, on a cell by cell basis. This included verification of the physical and chemical properties, and the various TACO default values. These QC checks help demonstrate that the models were correctly applied and ensure confidence in the results.

Additionally, the model selection and implementation for the Tier 3 Demonstration work was performed by Bart Eklund of AECOM and Robert Ettinger of Geosyntec Consultants, LLC who have over 60 years of combined experience in fate & transport modeling, with an emphasis on vapor intrusion modeling. Their expert judgment is that the LDN model is an appropriate tool to meet the stated objectives.

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																					
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²	
						Analytical Results (mg/L)																					
MW-01	MW1-ROX-070914	7/9/2014	48.80 - 58.80	42.09	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW1-ROX-100614	10/6/2014		41.1	NE	<0.01 UJ	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW1-ROX-011215	1/12/2015		42.73	NE	0.035	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002 UJ	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW1-ROX-040615	4/6/2015		44.11	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW1-ROX-070815	7/8/2015		43.35	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW1-ROX-100615	10/6/2015		40.83	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW1-ROX-010816	1/8/2016		40.93	NE	<0.025	0.0029	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW1-ROX-041216	4/12/2016		40.35	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW1-ROX-071416	7/14/2016		39.43	NE	<0.025	0.00063 J	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW1-ROX-101316	10/13/2016		38.79	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
MW1-ROX-011217	1/12/2017	38.35	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW1-ROX-041717	4/17/2017	38.50	48.80 - 58.80	38.50	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW-02	MW2-ROX-071414	7/14/2014	49.87 - 59.87	43.13	NE	<0.01	0.0102 J	<0.005	<0.005	0.0194 J	0.0073 J	0.0013 J J	<0.005	<0.001	<0.002	<0.001	<0.002	0.008 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW2-ROX-101014	10/10/2014		42.49	NE	<0.02 UJ	0.0132	<0.01	<0.01	0.0145	0.0057 J	0.0011 J	<0.01 UJ	<0.002 UJ	<0.004	<0.002	<0.004	0.0063 J	<0.000014	<0.000014	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.004
	MW2-ROX-011615	1/16/2015		44.1	NE	<0.01	0.0278	0.00045 J	<0.005	0.0185	0.0091	0.0016 J	<0.005	<0.001	<0.002	<0.001	0.0052	0.0109	<0.000015	<0.000015	0.0008 J	0.00084 J	0.00099 J	<0.001	<0.002	<0.002	
	MW2-ROX-041315	4/13/2015		45.56	NE	<0.01	0.0283	<0.005	<0.005	<0.005	0.0052 J	0.00084 J J	0.00028 J	<0.001	<0.002	<0.001	<0.002	0.0064	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW2-ROX-071315	7/13/2015		44.53	NE	<0.01	0.0204	<0.005	<0.005	<0.005	0.006	0.0012 J	<0.0023 U	<0.001	<0.002	<0.001	<0.002	0.006	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW2-ROX-101215	10/12/2015		42.15	NE	0.054	0.035	<0.002	0.048 J	<0.002	0.0056	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0065	<0.000041	<0.000027	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002
	MW2-ROX-011416	1/14/2016		42.04	NE	0.034 J	0.018	<0.002	0.0089 J	0.0057	0.0039	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0046	<0.000029	<0.000019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002
	MW2-ROX-041316	4/13/2016		41.59	NE	0.028 J	0.017	<0.002	0.019 J	<0.002	0.0078	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0087	<0.00003	<0.00002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002
	MW2-ROX-071416	7/14/2016		40.79	NE	<0.05	0.012	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0066	<0.000031 UJ	<0.000021 UJ	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002
	MW2-ROX101316	10/13/2016		40.10	NE	<0.025	0.013	<0.001	0.013 J	0.0036	0.0027	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0032	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
MW2-ROX-011217	1/12/2017	39.58	NE	<0.025	0.016	<0.001	<0.025	<0.001	0.0059	<0.001	0.0039	<0.001	<0.001	<0.001	<0.001	0.007	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW2-ROX-041717	4/17/2017	39.68	49.87 - 59.87	39.68	NE	<0.13	0.0062	<0.005	0.026 J	0.0088	0.0055	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.000031	<0.000021	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005		
MW-03	MW3-ROX-071114	7/10/2014	34.67 - 44.67	29.05	NE	<0.01 UJ	0.00062	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW3-ROX-100914	10/9/2014		28.18	NE	<0.01 UJ	0.0005	<0.005	<0.005	<0.005	<0.005	0.00083 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW3-ROX-011515	1/15/2015		29.65	NE	<0.01	0.00037 J	<0.005	<0.005	<0.005	0.00049 J	0.0009 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW3-ROX-041015	4/10/2015		31.16	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005 UJ	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW3-ROX-071015	7/10/2015		30.01	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW3-ROX-100915	10/9/2015		27.98	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW3-ROX-010716	1/7/2016		27.92	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW3-ROX-040616	4/6/2016		27.07	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	0.0007 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW3-ROX-070816	7/8/2016		26.51	NE	0.03	0.00042 J	<0.001	0.0047 J	<0.001	0.00092 J	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW3-ROX100716	10/7/2016		25.79	NE	<0.025	<0.0																				

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						VOCs																					
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²	
						Analytical Results (mg/L)																					
MW-04	MW4-ROX-071614	7/16/2014	46.06 - 56.06	40.18	NE	<0.01	1.86	<0.005	<0.005	<0.005	<0.05	<0.05	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW4-ROX-101614	10/16/2014		39.49	NE	<0.05	0.815	<0.025	<0.025 UJ	<0.025	<0.025	<0.025	<0.025	<0.005	<0.01	<0.005	<0.01	<0.025	<0.000014	<0.000014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01
	MW4-ROX-012115	1/21/2015		41.27	NE	<0.01	0.0902	<0.005	<0.005	<0.005	<0.005	0.00065 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW4-ROX-042115	4/21/2015	45.06 - 55.06	42.58	NE	<0.01	0.0702	<0.005	<0.005	<0.005	<0.005	0.00066 J	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW4-ROX-071415	7/14/2015		41.30	NE	<0.01	0.063	<0.005	<0.005	0.00066 J	0.00051 J	0.00074 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW4-ROX-101915	10/19/2015		39.44	NE	<0.025	0.0036	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW4-ROX-011316	1/13/2016		39.10	NE	<0.025	0.12	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW4-ROX-041916	4/19/2016		38.50	NE	<0.025	0.0012	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW4-ROX-071416	7/14/2016		37.85	NE	<0.025	0.0008 J	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW4-ROX-100616	10/6/2016		37.18	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
MW4-ROX-010917	1/9/2017	36.84	NE	<0.025	0.00039 J	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
MW4-ROX-041017	4/10/2017	45.06 - 55.06	36.93	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
MW-05	MW5-ROX-071414	7/14/2014	33.97 - 43.97	28.59	NE	<0.01	0.001	<0.005	<0.005	<0.005	0.0011 J	0.0046 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW5-ROX-100914	10/9/2014		27.75	NE	<0.01 UJ	0.028	<0.005	<0.005	<0.005	0.00083 J	0.0049 J	<0.005 UJ	<0.001 UJ	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW5-ROX-011515	1/15/2015		29.34	NE	<0.01	0.003	<0.005	<0.005	<0.005	0.0014 J	0.0059 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW5-ROX-041315	4/13/2015		30.97	NE	<0.01	0.0391	<0.005	<0.005	<0.005	0.0014 J J	0.0051 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW5-ROX-071315	7/13/2015		29.45	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	0.0031 J	<0.00032 U	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW5-ROX-101215	10/12/2015		27.53	NE	<0.025	0.0088	<0.001	<0.025	<0.001	<0.001	0.0035	<0.001	<0.001	<0.001	0.00079 J	<0.001	<0.001	<0.0003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW5-ROX-011416	1/14/2016		27.19	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	0.0026	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW5-ROX-040616	4/6/2016		26.80	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	0.0016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW5-ROX-070816	7/8/2016		26.28	NE	0.011 J	<0.001	<0.001	<0.025	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW5-ROX-101016	10/10/2016		25.47	NE	<0.025	<0.001	<0.001	<0.025	<0.001	0.00077 J	0.0044	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
MW5-ROX-010617	1/6/2017	25.33	NE	<0.025	0.0011	<0.001	<0.025	<0.001	0.0013	0.0034	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
MW5-ROX-041217	4/12/2017	33.97 - 43.97	25.32	NE	<0.025	0.00049 J	<0.001	<0.025	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
MW-06A	MW6A-ROX-071014	7/10/2014	34.83 - 44.83	30.75	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002 UJ	<0.001	<0.002 UJ	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW6A-ROX-100814	10/8/2014		29.84	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW6A-ROX-011415	1/14/2015		31.54	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW6A-ROX-040715	4/7/2015		33.08	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW6A-ROX-071515	7/15/2015		31.52	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW6A-ROX-100715	10/7/2015		29.77	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW6A-ROX-011116	1/11/2016		29.36	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW6A-ROX-040716	4/7/2016		29.07	NE	0.023 J	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW6A-ROX-071116	7/11/2016		28.45	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW6A-ROX-101116	10/11/2016		27.51	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.00002	<0.001	<0.001	<0.001				

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						VOCs																					
						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
						6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																					
MW-12	MW12-ROX-070914	7/9/2014	41.92 - 51.92	41.97	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW12-ROX-100614	10/6/2014		40.98	NE	<0.01 UJ	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW12-ROX-011215	1/12/2015		42.33	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002 UJ	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW12-ROX-040615	4/6/2015		43.75	NE	0.0265 J	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW12-ROX-070815	7/8/2015		42.86	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW12-ROX-100815	10/8/2015		40.54	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW12-ROX-100815-DUP	10/8/2015		40.54	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW12-ROX-011116	1/11/2016		40.98	NE	0.015 J	<0.001	<0.001	0.0043 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW12-ROX-040716	4/7/2016		39.82	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW12-ROX-071216	7/12/2016		38.89	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW12-ROX-101116	10/11/2016		38.85	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
MW12-ROX-010917	1/9/2017	38.11	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW12-ROX-041417	4/14/2017	38.29	41.92 - 51.92	38.29	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW-13	MW13-ROX-070714	7/7/2014	25.57 - 35.57	28.49	NE	<0.01 UJ	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW13-ROX-101014	10/10/2014		27.48	NE	<0.01 UJ	0.00037 J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001 UJ	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW13-ROX-011615	1/16/2015		29.09	NE	<0.01	0.00046 J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW13-ROX-041415	4/14/2015		30.71	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW13-ROX-070815	7/8/2015		29.16	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	0.0016 J	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW13-ROX-100515	10/5/2015		27.34	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW13-ROX-010716	1/7/2016		27.16	NE	0.019 J	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW13-ROX-040816	4/8/2016		26.81	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW13-ROX-071116	7/11/2016		26.01	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW13-ROX100716	10/7/2016		25.16	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW13-ROX-010617	1/6/2017		25.54	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
MW13-ROX-041317	4/13/2017	25.75	25.57 - 35.57	25.75	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
MW-14	MW14-ROX-070714	7/7/2014	33.42 - 43.42	32.82	NE	<0.01 UJ	<0.0005	<0.005	<0.005	<0.005	0.00042 J	0.00047 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW14-ROX-101414	10/14/2014		31.65	NE	<0.01 UJ	<0.0005	<0.005	<0.005	<0.005	<0.005	0.00063 J	<0.005	<0.001 UJ	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW14-ROX-011615	1/16/2015		33.58	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	0.00053 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW14-ROX-041415	4/14/2015		35.16	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW14-ROX-070915	7/9/2015		34.06	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.00081 U	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW14-ROX-101315	10/13/2015		31.88	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW-14-ROX-010816	1/8/2016		31.64	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000028	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW14-ROX-041416	4/14/2016		31.32	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW14-ROX-071116	7/11/2016		30.59	NE	<0.																					

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						VOCs																					
						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
Screening Values (mg/L)						6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹				0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																					
MW-24	MW24-ROX-071114	7/10/2014	38.89 - 48.89	42.97	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW24-ROX-100814	10/8/2014		42.16	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW24-ROX-011315	1/13/2015		43.17	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002 UJ	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW24-ROX-040915	4/9/2015		44.45	NE	<0.01 UJ	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW24-ROX-070915	7/9/2015		44.65	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.00019 U	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW24-ROX-100715	10/7/2015		41.45	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW24-ROX-011316	1/13/2016		41.44	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW24-ROX-040816	4/8/2016		40.79	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW24-ROX-071216	7/12/2016		39.67	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW24-ROX-101116	10/11/2016		39.19	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
MW24-ROX-010917	1/9/2017	38.97	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW24-ROX-041717	4/17/2017	38.89 - 48.89	39.27	NE	0.13	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW-25	MW25-ROX-102114	10/21/2014	35.59 - 45.59	36.44	NE	<20	501	<10	<10	<10	<10	<10	<2	<4	<2	<4 UJ	<10	<0.000014	<0.000014	<2	<2	<2	<2	<4	<4		
	MW25-ROX-012215	1/22/2015		38.45	NE	<2.5 UJ	62.8	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<0.25	<0.5	<0.25	<0.5	<1.3	<0.000014	<0.000014	<0.25	<0.25	<0.25	<0.25	<0.5	<0.5	
	MW25-ROX-042115	4/21/2015		39.71	NE	<0.5	78.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.05	<0.1	<0.05	<0.1	<0.25	<0.000014	<0.000014	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	
	MW25-ROX-071515	7/15/2015		38.40	NE	<2	71.9	<1	<1	<1	<1	<1	<1	<0.2	<0.4	<0.2	<0.4	<1	<0.000014	<0.000014	<0.2	<0.2	<0.2	<0.2	<0.4	<0.4	
	MW25-ROX-101915	10/19/2015		36.55	NE	<2.5	11	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.000031	<0.000021	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	
	MW25-ROX-011416	1/14/2016		36.12	NE	<0.5	2.2	<0.02	<0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.000029	<0.00002	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	
	MW25-ROX-041916	4/19/2016		35.67	NE	<0.025	0.99	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW25-ROX-071816	7/18/2016		35.19	NE	<0.25	1.2	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.000028	<0.000019	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	
	MW25-ROX-100616	10/6/2016		34.27	NE	<0.05	0.37	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00003	<0.00002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	
	MW25-ROX-011117	1/11/2017		34.00	NE	<0.025	0.28	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
MW25-ROX-041117	4/11/2017	35.59 - 45.59	34.31	NE	<0.025	0.19	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
MW-26	MW26-ROX-102114	10/21/2014	38.15 - 48.15	39.43	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002 UJ	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW26-ROX-011215	1/12/2015		41.09	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002 UJ	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW26-ROX-040815	4/8/2015		42.52	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW26-ROX-070815	7/8/2015		41.76	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW26-ROX-100615	10/6/2015		39.19	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW26-ROX-010716	1/7/2016		39.55	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW26-ROX-040616	4/6/2016		38.44	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW26-ROX-071216	7/12/2016		37.74	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000032	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW26-ROX-101016	10/10/2016		37.13	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	MW26-ROX-010617	1/6/2017		36.74	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
MW26-ROX-041417	4/14/2017	38.15 - 48.15	36.91	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<				

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																					
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-Isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²	
						Analytical Results (mg/L)																					
MW-28	MW28-ROX-102114	10/21/2014	33.61 - 43.61	36.44	NE	<0.01	0.0081	<0.005	<0.005	<0.005	0.00083 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002 UJ	0.00049 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	MW28-ROX-011515	1/15/2015		41.14	NE	<0.01	0.0541	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW28-ROX-041415	4/14/2015		42.34	NE	<0.01	0.0189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW28-ROX-071515	7/15/2015		42.19	NE	<0.01	0.0668	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	MW28-ROX-101215	10/12/2015		40.04	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW28-ROX-101215-DUP	10/12/2015		40.04	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW28-ROX-011416	1/14/2016		39.98	NE	0.018 J	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW28-ROX-041216	4/12/2016		39.20	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW28-ROX-071416	7/14/2016		38.49	NE	<0.025	0.0098	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	MW28-ROX-101316	10/13/2016		37.86	NE	0.01 J	0.0066	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
MW28-ROX-011217	1/12/2017	37.14	NE	<0.025	0.14	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
MW28-ROX-041717	4/17/2017	33.61 - 43.61	38.02	NE	<0.025	0.017	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
P-54	P54-ROX-071114	7/10/2014	38.00 - 63.00	41.71	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P54-ROX-100814	10/8/2014		40.88	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P54-ROX-011415	1/14/2015		41.79	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P54-ROX-041015	4/10/2015		43.20	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005 UJ	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P54-ROX-070915	7/9/2015		42.25	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P54-ROX-100915	10/9/2015		40.20	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000028	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P54-ROX-011216	1/12/2016		40.22	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P54-ROX-041216	4/12/2016		39.42	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P54-ROX-071216	7/12/2016		38.44	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P54-ROX-101216	10/12/2016		37.85	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
P54-ROX-010917	1/9/2017	37.80	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
P54-ROX-041717	4/17/2017	38.00 - 63.00	38.10	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
P-56	P56-ROX-070814	7/8/2014	40.82 - 65.82	45.97	NE	0.0626 J	0.127 J	<0.005	0.0132 J	0.0159 J	0.0073 J	0.0034 J J	<0.005	<0.001	<0.002	<0.001	<0.002	0.0058 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	0.0018 J	<0.002	<0.002	
	P56-ROX-101314	10/13/2014		45.05	NE	<0.01 UJ	0.107	<0.005	<0.005	0.0062	0.004 J	0.0012 J	<0.005 UJ	<0.001 UJ	<0.002	<0.001	<0.002	0.0035 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P56-ROX-011915	1/19/2015		46.58	NE	<0.01	0.0991	<0.005	<0.005	0.004 J	0.0037 J	0.00077 J	0.004 J	<0.001	<0.002	<0.001	<0.002	0.0045	0.003 J	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P56-ROX-041515	4/15/2015		48.05	NE	<0.01	0.0965	<0.005	<0.005	0.0028 J	0.0042 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.0033 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P56-ROX-071015	7/10/2015		47.34	NE	<0.01	0.0683	<0.005	<0.005	<0.005	0.0034 J	0.00068 J	<0.005	<0.001	<0.002	<0.001	<0.002	0.0027 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P56-ROX-101415	10/14/2015		44.85	NE	0.15	0.033	<0.001	0.034	0.0012	0.0018	<0.001	0.0011	<0.001	<0.001	<0.001	0.0022	<0.001	0.0013	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P56-ROX-011116	1/11/2016		44.78	NE	0.069 J	0.03	<0.005	0.032 J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.000031	<0.000021	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005
	P56-ROX-041416	4/14/2016		43.73	NE	<0.13	0.036	<0.005	<0.13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00003	<0.00002	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005
	P56-ROX-071216	7/12/2016		42.87	NE	<0.05	0.024	<0.002	<0.05	<0.002	0.0021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00003	<0.00002	<0.002	<0.002	<0.002	<0.002		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						VOCs																					
						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-Isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
						6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																					
P-57	P57-ROX-070814	7/8/2014	40.46 - 65.46	45.95	NE	0.0497 J	378	<0.005 UJ	<0.005 UJ	0.011 J	0.0091 J	0.0066 J	<0.005 UJ	<0.001 UJ	<0.002 UJ	<0.001 UJ	<0.002 UJ	0.0081 J	<0.000014 UJ	<0.000014 UJ	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.002 UJ	<0.002 UJ	
	P57-ROX-070814-DUP	7/8/2014		45.95	NE	0.0441 J	371	<0.005 UJ	0.0086 J	0.0114 J	0.0097 J	0.007 J	<0.005 UJ	<0.001 UJ	<0.002 UJ	<0.001 UJ	<0.002 UJ	0.0085 J	<0.000015 UJ	<0.000015 UJ	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.002 UJ	<0.002 UJ
	P57-ROX-101414-DUP	10/14/2014		45.00	NE	<20 UJ	220	<10	<10	<10	<10	<10	<10 UJ	<2 UJ	<4	<2	<4	<10	<0.000014	<0.000014	<2	<2	<2	<2	<2	<4	<4
	P57-ROX-101414	10/14/2014		45.00	NE	<20 UJ	255	<10	<10	<10	<10	<10	<10 UJ	<2 UJ	<4	<2	<4	<10	<0.000014	<0.000014	<2	<2	<2	<2	<2	<4	<4
	P57-ROX-012315	1/23/2015	44.19 - 54.19	47.52	NE	<5 UJ	107	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.5	<1	<0.5	<1	<2.5	<0.000015	<0.000015	<0.5	<0.5	<0.5	<0.5	<1	<1	
	P57-ROX-042015	4/20/2015		48.73	NE	<0.5	134	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 UJ	<0.05	<0.1	<0.05	<0.1	<0.25	<0.000013	<0.000013	<0.05	<0.05	<0.05	<0.05	<0.1 UJ	<0.1	
	P57-ROX-071315	7/13/2015		47.81	NE	<10	138	<5	<5	<5	<5	<5	0.852 J	<1	<2	<1	<2	<5	<0.000014	<0.000014	<1	<1	<1	<1	<2	<2	
	P57-ROX-101515	10/15/2015		45.56	NE	<25	140	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.000029	<0.000019	<1	<1	<1	<1	<1	<5	<1
	P57-ROX-011216	1/12/2016		45.61	NE	<25	160	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.000029	<0.000019	<1	<1	<1	<1	<1	<5	<1
	P57-ROX-041816	4/18/2016		44.80	NE	<6.3	73	<0.25	<6.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.000054 p	<0.000019	<0.25	<0.25	<0.25	<0.25	<0.25	<1.3	<0.25
	P57-ROX-071316	7/13/2016		44.02	NE	<13	70	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.000029	<0.000019	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	
	P57-ROX-101816	10/18/2016		43.17	NE	<13	71	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.000031	<0.000021	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	
P57-ROX-011617	1/16/2017	42.82	NE	<6.3	39	<0.25	<6.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.00003	<0.00002	<0.25	<0.25	<0.25	<0.25	<1.3	<0.25			
P57-ROX-040717	4/7/2017	44.19 - 54.19	43.05	NE	<5	45	<0.2	<5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.00003 UJ	<0.00002 UJ	<0.2	<0.2	<0.2	<0.2	<1	<0.2		
P-58	P58-ROX-071814	7/18/2014	40.21 - 65.21	43.80	NE	<20	406	<10	<10	<10	<10	<10	<10	<2	<4	<10	<0.000014	<0.000014	<2	<2	<2	<2	<2	<4	<4		
	P58-ROX-101514	10/15/2014		43.14	NE	<5	493	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.5	<1	<0.5	<1	<2.5	<0.000014	<0.000014	<0.5	<0.5	<0.5	<0.5	<1	<1	
	P58-ROX-012315	1/23/2015		45.32	NE	<10	304	<5	<5	<5	<5	<5	<1	<2	<1	<2	<5	<0.000015	<0.000015	<1	<1	<1	<1	<2	<2		
	P58-ROX-042015	4/20/2015		46.67	NE	<0.1	325	<0.05	<0.05	0.0087 J	0.0094 J	0.0242 J	<0.05 UJ	<0.01	<0.02	<0.01	<0.02	0.0051 J	<0.000016	<0.000016	<0.01	<0.01	<0.01	<0.01	<0.02 UJ	<0.02	
	P58-ROX-071415	7/14/2015		45.54	NE	<10	266	<5	<5	<5	<5	<5	<1	<2	<1	<2	<5	<0.000014	<0.000014	<1	<1	<1	<1	<2	<2		
	P58-ROX-101615	10/16/2015		43.45	NE	<50	430	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.000029	<0.000019	<2	<2	<2	<2	<10	<2	
	P58-ROX-011316	1/13/2016		43.18	NE	<50	510	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.000029	<0.00002	<2	<2	<2	<2	<10	<2	
	P58-ROX-041816	4/18/2016		42.68	NE	<25	440	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.000028	<0.000019	<1	<1	<1	<1	<5	<1	
	P58-ROX-071516	7/15/2016		42.05	NE	<50	250	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.00003	<0.00002	<2	<2	<2	<2	<10	<2	
	P58-ROX-101816	10/18/2016		41.05	NE	<50	340	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.000031	<0.00002	<2	<2	<2	<2	<10	<2	
	P58-ROX-011617	1/16/2017		40.73	NE	<25	260	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.00003	<0.00002	<1	<1	<1	<1	<5	<1	
	P58-ROX-041117	4/11/2017		40.21 - 65.21	40.74	NE	<13	320	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.000031 UJ	<0.000021 UJ	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	
P-59	P59-ROX-070814	7/8/2014	47.91 - 72.91	47.69	NE	0.057 J	12.2	<0.005	0.0169 J	0.0251 J	0.0073 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.0046 J J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P59-ROX-101414	10/14/2014		46.18	NE	<0.01 UJ	12	<0.005	<0.005	0.0278 J	0.0097 J	0.0024 J J	<0.005 UJ	<0.001 UJ	<0.002	<0.001	<0.002	0.0043 J J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P59-ROX-011915	1/19/2015		47.42	NE	<1	13.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.2	<0.1	<0.2	<0.5	<0.000015	<0.000015	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	
	P59-ROX-041615	4/16/2015		48.83	NE	<0.1 UJ	9.43	<0.05	<0.05 UJ	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.01	<0.02	<0.05	<0.000014	<0.000014	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02
	P59-ROX-071315	7/13/2015		47.85	NE	<0.25	3.08	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.025	<0.05	<0.025	<0.05	<0.13	<0.000014	<0.000014	<0.025	<0.025	<0.025	<0.025	<0.05	<0.05	
	P59-ROX-101515	10/15/2015		45.75	NE	<1.3	7.2	<0.05	<1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.000029	<0.000019	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	
	P59-ROX-011216	1/12/2016		46.10	NE	<0.63	5.4	<0.025	<0.63	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.000029	<0.000019	<0.025	<0.025	<0.025	<0.025	<0.13	<0.025	
	P59-ROX-041816	4/18/2016		44.28	NE	<0.5	4.9	<0.02	<0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.000031	<0.000021	<0.02	<0.02	<0.02	<0.02	<0.1	<0.02	
	P59-ROX-071316	7/13/2016		44.01	NE	<0.63	4.2	<0.025	<0.63	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.000029	<0.00002	<0.025	<0.025	<0.025	<0.025	<0.13	<0.025	
	P59-ROX-101816	10/18/2016		43.39	NE	<1.3	8.7	<0.05	<1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.000031	<0.000021	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	
	P59-ROX-011617	1/16/2017		42.83	NE	<1.3	7.6	<0.05	<1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.000031	<0.00002	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	
	P59-ROX-040717	4/7/2017		47.91 - 72.91	43.31	NE	<1.3	7.6	<0.05	<1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.000031 UJ	<0.000021 UJ	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																				
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²
						Analytical Results (mg/L)																				
P-66	P66-ROX-070714	7/7/2014	34.72 - 59.72	35.60	NE	<0.01 UJ	0.0429	<0.005	<0.005	0.0112	0.0147	0.0023 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-101414	10/14/2014		34.48	NE	<0.01 UJ	0.0212	<0.005	<0.005	0.0135	0.0173	0.0036 J	<0.005	<0.001 UJ	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-011615	1/16/2015		36.62	NE	<0.01	0.0083	<0.005	<0.005	0.0162	0.021	0.0048 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-011615-DUP	1/16/2015		36.62	NE	<0.01	0.0076	<0.005	<0.005	0.0147	0.0198	0.0045 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-041415	4/14/2015		38.27	NE	<0.01	0.0223	<0.005	<0.005	0.0127	0.0181	0.0039 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-041415-DUP	4/14/2015		38.27	NE	<0.01	0.0214	<0.005	<0.005	0.0124	0.0177	0.004 J	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-070815	7/8/2015		37.24	NE	<0.01 UJ	0.0404	<0.005	<0.005 UJ	0.0124	0.0164	0.0027 J	<0.005	0.00035 J	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-070815-DUP	7/8/2015		37.24	NE	<0.01 UJ	0.0424	<0.005	<0.005 UJ	0.0126	0.0167	0.0027 J	<0.005	0.00038 J	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-101315	10/13/2015		34.84	NE	<0.025	0.0094	<0.001	<0.025	<0.001	0.008	0.0023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P-66-ROX-010816	1/8/2016		34.64	NE	<0.025	0.0013	<0.001	<0.025	<0.001	0.01	0.0019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000028	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-041516	4/15/2016		34.33	NE	0.015 J	0.0044	<0.001	<0.025	0.0052	0.0088	0.0026	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-071116	7/11/2016		33.58	NE	<0.025	0.0037	<0.001	<0.025	0.0071	0.012	0.0028	<0.001	0.00054 J	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-101416	10/14/2016		32.61	NE	<0.025	0.0069	<0.001	0.0049 J	0.004	0.0076	0.0038	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	P66-ROX-011117	1/11/2017		32.41	NE	<0.025	0.0058	<0.001	<0.025	0.0057	0.01	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
P66-ROX-041317	4/13/2017	32.19	NE	0.012 J	0.00094 J	<0.001	<0.025	0.0054	0.01	0.0028	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031 UJ	<0.00002 UJ	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
P-74	P74-ROX-070814	7/8/2014	44.43 - 69.43	43.02	NE	<0.01 UJ	0.309	<0.005	<0.005	0.0138	0.0014 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.0018 J	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-101414	10/14/2014		41.48	NE	<0.01 UJ	0.00068	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001 UJ	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-011915	1/19/2015		43.47	NE	<0.01	3.13	<0.005	<0.005	0.0163	0.0022 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.0029 J	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-041515	4/15/2015		44.61	NE	<0.01	0.032	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.00033 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-071015	7/10/2015		43.28	NE	0.011	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-101415	10/14/2015		41.75	NE	0.31	1.2	<0.005	<0.13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.000029	<0.000019	<0.005	<0.005	<0.005	<0.025	<0.025	
	P74-ROX-011116	1/11/2016		40.67	NE	0.023 J	0.0013	<0.001	0.003 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-041516	4/15/2016		40.40	NE	0.016 J	0.028	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-071216	7/12/2016		39.56	NE	<0.025	0.023	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-101416	10/14/2016		39.44	NE	<0.025	0.017	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.002	<0.002	
	P74-ROX-011217	1/12/2017		38.64	NE	<0.025	0.077	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.002	<0.002	
P74-ROX-040717	4/7/2017	38.92	NE	<0.025	0.00041 J	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.002	<0.002			

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																						
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-Isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²		
						Analytical Results (mg/L)																						
P-93C	P93C-ROX-071714	7/17/2014	94.26 - 96.26	45.61	NE	<0.01	1.52	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	P93C-ROX-101514	10/15/2014		44.99	NE	<0.01	0.00075	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	P93C-ROX-011915	1/19/2015		48.22	NE	<1	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.2	<0.1	<0.2	<0.5	<0.000015	<0.000015	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	
	P93C-ROX-021915	2/19/2015	92.47 - 97.47	48.22	NE	<25	75.4	<1	<5	<1	<1	<1	<1	<2	<1	<2	<1	<2	<1	<0.000019	<0.000019	<1	<1	<1	<1	<5	<1	
	P93C-ROX-041615	4/16/2015		48.22	NE	<1 UJ	55.3	<0.5	<0.5 UJ	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.2	<0.1	<0.2	<0.5	<0.000014	<0.000014	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	
	P93C-ROX-071315	7/13/2015		47.09	NE	<0.01	0.0365	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00025 U	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P93C-ROX-101415	10/14/2015		44.91	NE	<0.025	0.011	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P-93C-ROX-010816	1/8/2016		44.68	NE	<0.025	0.04	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000028	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P93C-ROX-041816	4/18/2016		44.06	NE	<0.025	0.068	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P93C-ROX-071216	7/12/2016		43.37	NE	0.016 J	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P93C-ROX-101816	10/18/2016		42.49	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	P93C-ROX-011117	1/11/2017		42.20	NE	<0.025	0.00095 J	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
P93C-ROX-040517	4/5/2017	92.47 - 97.47		42.19	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
P-93D	P93D-ROX-071714	7/17/2014	125.75 - 127.75	45.78	NE	<0.01	0.00063	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	P93D-ROX-101514	10/15/2014		45.14	NE	<0.1	36.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.02	<0.01	<0.02	<0.05	<0.000014	<0.000014	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02		
	P93D-ROX-110414	11/4/2014		45.14	NE	<0.01	19.9	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	0.0079	
	P93D-ROX-012315	1/23/2015		42.28	NE	<2.5 UJ	62.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<0.25	<0.5	<0.25	<0.5	<1.3	<0.000015	<0.000015	<0.25	<0.25	<0.25	<0.25	<0.5	<0.5	
	P93D-ROX-021915	2/19/2015		42.28	NE	<130	240	<2.5	<13	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<5	<2.5	<0.000019	<0.000019	<2.5	<2.5	<2.5	<2.5	<13	<2.5	
	P93D-ROX-042015	4/20/2015		48.52	NE	<1	131	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5 UJ	<0.1	<0.2	<0.1	<0.2	<0.5	<0.000014	<0.000014	<0.1	<0.1	<0.1	<0.1	<0.2 UJ	<0.2	
	P93D-ROX-070915	7/9/2015		47.96	NE	<5 UJ	21.2	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<0.5	<1	<0.5	<1	<2.5	<0.000014	<0.000014	<0.5	<0.5	<0.5	<0.5	<1	<1	
	P93D-ROX-101515	10/15/2015		45.28	NE	<2.5	15	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.00003	<0.00002	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	
	P93D-ROX-011316	1/13/2016		45.10	NE	<2.5	14	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.000033	<0.000022	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	
	P93D-ROX-041916	4/19/2016		44.61	NE	<1.3	9.5	<0.05	<1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.000029	<0.000019	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	
	P93D-ROX-071516	7/15/2016		43.83	NE	<0.025	0.086	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	P93D-ROX-101716	10/17/2016		42.78	NE	<0.025	0.023	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
P93D-ROX-011017	1/10/2017	42.59	NE	<0.025	0.14	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
P93D-ROX-040617	4/6/2017	125.75 - 127.75	42.80	NE	<0.025	0.07	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	0.001			
P-114	P114-ROX-071814	7/18/2014	32.67 - 52.67	30.87	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	P114-ROX-101714	10/17/2014		29.43	NE	<0.01	<0.0005	<0.005	<0.005	0.0052 J	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	0.0006 J J	<0.002		
	P114-ROX-012115	1/21/2015		31.53	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	P114-ROX-041715	4/17/2015			NM	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	P114-ROX-070815	7/8/2015		29.16	NE	<0.01 UJ	<0.0005	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002 J	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
P-114R	P114R-ROX-100515	10/5/2015	23.01 - 33.01	28.15	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
	P114R-ROX-010716	1/7/2016			NE	<0.025	0.0004 J	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<					

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																						
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²		
						Analytical Results (mg/L)																						
ROST-3-MW	ROST3MW-ROX-071414	7/14/2014	37.81 - 47.81	41.88	NE	<0.01	0.0058	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	ROST3MW-ROX-100914	10/9/2014		41.31	NE	<0.01 UJ	0.003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	ROST3MW-ROX-011515	1/15/2015		41.83	NE	<0.01	0.0022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	ROST3MW-ROX-041315	4/13/2015		43.43	NE	0.0251 J	0.0057	<0.005	<0.005	<0.005	<0.005 UJ	<0.005 UJ	0.00037 J	<0.001	<0.002	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	ROST3MW-ROX-071315	7/13/2015		42.36	NE	<0.01	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00066 U	<0.001	<0.002	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	ROST3MW-ROX-101215	10/12/2015		40.29	NE	0.017 J	<0.001	<0.001	0.0064 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	ROST3MW-ROX-011416	1/14/2016		40.30	NE	<0.025	0.0012	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	ROST3MW-ROX-041216	4/12/2016		39.69	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	ROST3MW-ROX-071416	7/14/2016		38.70	NE	<0.025	0.0017	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000032	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	ROST3MW-ROX-101316	10/13/2016		38.19	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
ROST3MW-ROX-011117	1/11/2017	37.50	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
ROST3MW-ROX-041417	4/14/2017	37.81 - 47.81	38.07	NE	<0.025	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001		
ROST-4-PZ(C)	ROST4C-ROX-071114	7/10/2014	34.95 - 44.95	42.22	NE	<0.01 UJ	0.0751	<0.005	<0.005 UJ	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	ROST4PZC-ROX-100914	10/9/2014		41.30	NE	<0.01 UJ	0.039	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	ROST4PZC-ROX-011515	1/15/2015		41.65	NE	0.016	0.0013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002		
	ROST4PZC-ROX-041315	4/13/2015		43.00	NE	<0.01	0.0694	<0.005	<0.005	<0.005	<0.005 UJ	<0.005 UJ	<0.005	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	ROST4PZC-ROX-071315	7/13/2015		42.59	NE	<0.01	0.0683	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0011 U	<0.001	<0.002	<0.001	<0.002	<0.005	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	ROST4PZC-ROX-101215	10/12/2015		40.35	NE	0.022 J	0.071	<0.001	0.0097 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	
	ROST4PZC-ROX-011516	1/15/2016		40.54	NE	<0.05	0.059	<0.002	<0.05	<0.002	<0.002	<0.002	0.001 J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.000029	<0.000019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	
	ROST4PZC-ROX-041316	4/13/2016		39.61	NE	<0.05	0.05	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.000029	<0.000019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	
	ROST4PZC-ROX-071516	7/15/2016		38.93	NE	<0.05	0.044	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.000031	<0.000021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	
	ROST4PZC-ROX-101316	10/13/2016		38.45	NE	<0.05	0.025	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.000031	<0.00002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	
ROST4PZC-ROX-011217	1/12/2017	37.88	NE	<0.025	0.021	<0.001	<0.025	<0.001	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001			
ROST4PZC-ROX-041717	4/17/2017	34.95 - 44.95	38.36	NE	<0.05	0.025	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.00003	<0.00002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002			

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																					
Screening Values (mg/L)						Acetone	Benzene	Bromobenzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cymene (p-isopropyltoluene)	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	Dichloromethane (Methylene chloride)	1,2-Dichloropropane	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																					
						6.3 ¹	0.005 ¹	0.056 ³	4.2 ¹	0.35 ³	0.7 ³	0.7 ³	0.7 ¹	0.100 ¹		0.07 ¹			0.0002 ¹	0.00005 ¹	0.6 ²		0.075 ²	1.4 ¹	0.005 ²	0.005 ²	
T-12	T12-ROX-070814	7/8/2014	46.72 - 72.72	45.13	NE	0.0658 J	2.1	<0.005	0.0094	0.0096	0.0039 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.0024 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	0.0022	<0.002	<0.002	
	T12-ROX-101714	10/17/2014		44.40	NE	<0.1	1.83	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.01	<0.02	<0.05	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	T12-ROX-011915	1/19/2015	46.83 - 72.83	45.27	NE	<0.1	2.02	<0.05	<0.05	0.0115 J	<0.05	<0.05	<0.05	<0.01	<0.02	<0.01	<0.02	<0.05	<0.000015	<0.000015	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	T12-ROX-041515	4/15/2015		46.73	NE	<0.01	1.69	<0.005	<0.005	0.0094	0.0045 J	<0.005	<0.005	<0.001	<0.002	<0.001	<0.002	0.0025 J	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	
	T12-ROX-071015	7/10/2015		46.09	NE	<0.1	2.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.01	<0.02	<0.05	<0.000014	<0.000014	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	T12-ROX-101515	10/15/2015		43.72	NE	<0.25	2.5	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.000029	<0.000019	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	T12-ROX-011216	1/12/2016		44.13	NE	<0.25	1.5	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.00003	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	T12-ROX-041516	4/15/2016		42.07	NE	<0.13	1.4	<0.005	<0.13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00003	<0.00002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	T12-ROX-071216	7/12/2016		41.50	NE	<0.25	1.6	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.000029	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	T12-ROX-101716	10/17/2016		41.19	NE	<0.25	1.7	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0065 J	<0.01	<0.01	<0.000031	<0.00002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	T12-ROX-011217	1/12/2017		40.70	NE	<0.25	1.5	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.000031	<0.000021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
T12-ROX-040617	4/6/2017	46.83 - 72.83	41.18	NE	<0.25	1.4	<0.01	<0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.00003 UJ	<0.00002 UJ	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						VOCs																					
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)		
						0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹		10 ¹		
MW-01	MW1-ROX-070914	7/9/2014	48.80 - 58.80	42.09	NE	<0.001	<0.005	<0.005 UJ	<0.005	<0.005	0.0035	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001		
	MW1-ROX-100614	10/6/2014		41.1	NE	<0.001	<0.005	<0.005	<0.005	<0.005 UJ	0.00082 J	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW1-ROX-011215	1/12/2015		42.73	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.00084 J	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW1-ROX-040615	4/6/2015		44.11	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.00059 J	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW1-ROX-070815	7/8/2015		43.35	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW1-ROX-100615	10/6/2015		40.83	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW1-ROX-010816	1/8/2016		40.93	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.00078 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW1-ROX-041216	4/12/2016		40.35	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW1-ROX-071416	7/14/2016		39.43	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.0016 J	
	MW1-ROX-101316	10/13/2016		38.79	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
MW1-ROX-011217	1/12/2017	38.35	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01			
MW1-ROX-041717	4/17/2017	38.50	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01			
MW-02	MW2-ROX-071414	7/14/2014	49.87 - 59.87	43.13	NE	0.955	<0.005	<0.005	0.0966 J	<0.005	<0.001	0.0792 J	0.112 J	<0.005	<0.001	0.0113 J	<0.005	<0.005	<0.001	0.341 J	0.15 J	<0.005	0.764	0.0845	0.804		
	MW2-ROX-101014	10/10/2014		42.49	NE	0.386 J	<0.01	<0.01 UJ	0.0675	<0.01 UJ	<0.002	0.0512	0.0867	<0.01	<0.002	0.006	<0.01	<0.01	<0.002	0.135	0.0901	<0.01	0.26 J	0.0183	0.278 J		
	MW2-ROX-011615	1/16/2015		44.1	NE	0.358	0.0031 J	0.0039 J	0.0823	0.0061	<0.001	0.0626	0.107	0.00052 J	<0.001	0.0121	0.0051	0.0044 J	0.0015	0.0895	0.102	<0.005	0.207	0.0206	0.228		
	MW2-ROX-041315	4/13/2015		45.56	NE	0.547	<0.005	<0.005	0.0613 J	<0.005	0.0013	0.068 J	0.0802 J	<0.005	<0.001	0.0103	<0.005	<0.005	<0.001	0.185 J	0.0882	<0.005	0.549	0.0495	0.598		
	MW2-ROX-071315	7/13/2015		44.53	NE	0.984	<0.005	<0.005	0.0683	<0.005	<0.001	0.0878	0.0983	<0.005	<0.001	0.0103	<0.0015 U	<0.005	<0.001	0.206	0.109	<0.005	0.719	0.0689	0.78		
	MW2-ROX-101215	10/12/2015		42.15	NE	0.42	<0.01	<0.05	0.082	<0.05	<0.002	0.039	0.088	<0.002	<0.002	0.013	<0.002	<0.002	<0.002	<0.002	0.1	0.09	<0.05	0.26	0.023	0.28	
	MW2-ROX-011416	1/14/2016		42.04	NE	0.22	<0.01	<0.05	0.049	<0.05	<0.002	0.027	0.063	<0.002	<0.002	0.012	<0.002	<0.002	<0.002	0.05	0.072	<0.05	0.11	0.01	0.12		
	MW2-ROX-041316	4/13/2016		41.59	NE	0.33	<0.01	<0.05	0.075	<0.05	<0.002	0.029	0.099	<0.002	<0.002	0.018	<0.002	<0.002	<0.002	0.077	0.1	<0.05	0.23	0.017	0.24		
	MW2-ROX-071416	7/14/2016		40.79	NE	0.26	<0.01	<0.05	0.079	<0.05	<0.002	0.048	0.095	<0.002	<0.002	0.016	<0.002	<0.002	<0.002	0.079	0.1	<0.05	0.16	0.021	0.18		
	MW2-ROX101316	10/13/2016		40.10	NE	0.13	<0.005	<0.025	0.036	<0.025	<0.001	0.016	0.044	<0.001	<0.001	0.01	<0.001	<0.001	<0.001	0.017	0.044	<0.025	0.056	0.0057	0.061		
MW2-ROX-011217	1/12/2017	39.58	NE	0.097	<0.005	<0.025	0.055	<0.025	<0.001	0.015	0.07	<0.001	<0.001	0.013	<0.001	<0.001	<0.001	0.031	0.073	<0.025	0.051	0.0062	0.057				
MW2-ROX-041717	4/17/2017	39.68	NE	0.62	<0.025	<0.13	0.075	<0.13	<0.005	0.053	0.094	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	0.12	0.088	<0.13	0.35	0.028	0.38				
MW-03	MW3-ROX-071114	7/10/2014	34.67 - 44.67	29.05	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001		
	MW3-ROX-100914	10/9/2014		28.18	NE	<0.001	<0.005	<0.005	0.0004 J	<0.005	0.003 J	<0.005	0.00053 J	<0.005	<0.001	0.00046 J	<0.005	<0.005	<0.001	0.0012 J	<0.005	<0.005 UJ	0.00095 J	<0.001	<0.00095 U		
	MW3-ROX-011515	1/15/2015		29.65	NE	0.00039 J	<0.005	<0.005	0.00065 J	<0.005	0.0101	<0.005	0.0018 J	<0.005	<0.001	0.00062 J	<0.005	<0.005	<0.001	0.00071 J	0.00031 J	<0.005	0.0014	<0.001	0.0015		
	MW3-ROX-041015	4/10/2015		31.16	NE	<0.001	<0.005 UJ	<0.005 UJ	<0.005	<0.005	0.0012	<0.005 UJ	0.00042 J	<0.005	<0.001	<0.001	<0.005 UJ	<0.005 UJ	<0.001	<0.005	<0.005	<0.005 UJ	<0.001	<0.001	0.00046 J		
	MW3-ROX-071015	7/10/2015		30.01	NE	0.00039 J	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	0.00062 J	<0.005	<0.001	0.0014	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	0.00087 J	<0.001	0.00087 J	
	MW3-ROX-100915	10/9/2015		27.98	NE	0.0011	<0.005	<0.025	0.007	<0.025	<0.001	<0.001	0.0036	<0.001	<0.001	0.015	<0.001	<0.001	<0.001	<0.001	0.00073 J	<0.025	0.055	0.0028 J	0.058		
	MW3-ROX-010716	1/7/2016		27.92	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005		
	MW3-ROX-040616	4/6/2016		27.07	NE	0.0031	<0.005	<0.025	0.014	<0.025	0.0097	<0.001	0.025	<0.001	<0.001	<0.001	0.039	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.1	0.006	0.11	
	MW3-ROX-070816	7/8/2016		26.51	NE	0.0012	<0.005	<0.025	0.016	<0.025	0.0054	<0.001	0.034	<0.001	<0.001	0.014	<0.001	<0.001	<0.001	<0.001	<0.001	0.00062 J	<0.025	0.076	0.0042 J	0.08	
	MW3-ROX100716	10/7/2016		25.79	NE	<0.001	<0.005	<0.025	0.0042	<0.025	0.0036	<0.001	0.0085	<0.001	<0.001	0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0089	0.001 J	0.01	
MW3-ROX-010617	1/6/2017	25.65	NE	0.0035	<0.005	<0.025	0.019	<0.025	0.0051	<0.001	0.045	<0.001	<0.001	0.039	<0.001	<0.001	<0.001	<0.001	0.00072 J	<0.025	0.12	0.0081	0.12				
MW3-ROX-041117	4/11/2017	25.71	NE	0.0011	<0.005	<0.025	0.0098	<0.025	0.0035	<0.001	0.02	<0.001	<0.001	0.019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.086	0.0053	0.091			

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																				
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹		
						Analytical Results (mg/L)																				
MW-04	MW4-ROX-071614	7/16/2014	46.06 - 56.06	40.18	NE	<0.01	<0.005	<0.005	<0.05	<0.005	<0.001	<0.05 UJ	<0.05	<0.005	<0.001	0.006 J	<0.005	<0.005	<0.001	<0.05	<0.05	<0.005	<0.01	<0.01	0.0055 J	
	MW4-ROX-101614	10/16/2014		39.49	NE	<0.005	<0.025	<0.025	0.0026 J	<0.025	0.0379	<0.025	<0.025	<0.025	<0.005	<0.005	<0.025 UJ	<0.025	<0.005	0.0037 J	<0.025	<0.025 UJ	0.0086	0.0022 J	0.0108	
	MW4-ROX-012115	1/21/2015		41.27	NE	<0.001	<0.005	<0.005	0.0012 J	<0.005	0.0536	<0.005	0.00093 J	<0.005	<0.001	0.0024	<0.005	<0.005	<0.001	0.00045 J	<0.005	<0.005	0.006	0.0013	0.0074	
	MW4-ROX-042115	4/21/2015	45.06 - 55.06	42.58	NE	0.00051 J	<0.005	<0.005	0.0012 J	<0.005	<0.001	<0.005 UJ	0.0013 J	<0.005	<0.001	0.0024	<0.005	<0.005	<0.001	0.00045 J	<0.005	<0.005	0.0042	0.0011	0.0053	
	MW4-ROX-071415	7/14/2015		41.30	NE	0.00057 J	<0.005	<0.005	0.0026 J	<0.005	<0.001	<0.005	0.0029 J	<0.005	<0.001	0.0033	<0.005	<0.005	<0.001	0.00058 J	0.00024 J	<0.005	0.0082	0.0016	0.0098	
	MW4-ROX-101915	10/19/2015		39.44	NE	<0.001	<0.005	<0.025	0.0016	<0.025	0.011	<0.001	0.0015	<0.001	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0041 J	0.001 J	0.0051
	MW4-ROX-011316	1/13/2016		39.10	NE	0.00066 J	<0.005	<0.025	0.0017	<0.025	0.012	<0.001	0.0021	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0047 J	0.0011 J	0.0058
	MW4-ROX-041916	4/19/2016		38.50	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.00092 J
	MW4-ROX-071416	7/14/2016		37.85	NE	<0.001	<0.005	<0.025	0.00053 J	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.0016 J
	MW4-ROX-100616	10/6/2016		37.18	NE	<0.001	<0.005	<0.025	0.0011	<0.025	0.0073	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.0019 J
	MW4-ROX-010917	1/9/2017		36.84	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0045	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
MW4-ROX-041017	4/10/2017	45.06 - 55.06	36.93	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0046	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW-05	MW5-ROX-071414	7/14/2014	33.97 - 43.97	28.59	NE	<0.001	<0.005	<0.005	0.00049 J	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	0.0016	<0.005	<0.005	<0.001	0.00033 J	<0.005	<0.005	0.002	0.00073 J	0.0027	
	MW-5-ROX-100914	10/9/2014		27.75	NE	<0.001 UJ	<0.005	<0.005 UJ	0.0012 J	<0.005 UJ	0.019	<0.005	<0.005	<0.005	<0.001	0.0015	<0.005	<0.005	<0.001	0.00058 J	<0.005	<0.005	0.0027 J	0.0012 J	0.0039 J	
	MW5-ROX-011515	1/15/2015		29.34	NE	<0.001	<0.005	<0.005	0.0057	<0.005	0.0215	<0.005	0.0018 J	<0.005	<0.001	0.0014	<0.005	<0.005	<0.001	0.00037 J	0.00031 J	<0.005	0.0076	0.0015	0.009	
	MW5-ROX-041315	4/13/2015		30.97	NE	0.0005 J	<0.005	<0.005	0.0076 J	<0.005	0.0349	<0.005 UJ	0.0056 J	<0.005	<0.001	0.00057 J	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	0.0088	0.00051 J	0.0093	
	MW5-ROX-071315	7/13/2015		29.45	NE	<0.001	<0.005	<0.005	0.00097 J	<0.005	0.0413	<0.005	<0.005	<0.005	<0.001	0.00032 J	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	0.0019	0.00032 J	0.0022	
	MW5-ROX-101215	10/12/2015		27.53	NE	0.0012	<0.005	<0.025	0.0031	<0.025	0.021	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0044 J	<0.005	0.0044 J
	MW5-ROX-011416	1/14/2016		27.19	NE	<0.001	<0.005	<0.025	0.0017	<0.025	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.0018 J
	MW5-ROX-040616	4/6/2016		26.80	NE	<0.001	<0.005	<0.025	0.0019	<0.025	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0025 J	<0.005	0.003 J
	MW5-ROX-070816	7/8/2016		26.28	NE	<0.001	<0.005	<0.025	0.001	<0.025	0.0084	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0017 J	<0.005	0.0021 J
	MW5-ROX-101016	10/10/2016		25.47	NE	<0.001	<0.005	<0.025	0.0011	<0.025	0.0079	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0017 J	0.00077 J	0.0025 J
	MW5-ROX-010617	1/6/2017		25.33	NE	<0.001	<0.005	<0.025	0.0074	<0.025	0.0014	<0.001	0.00096 J	<0.001	<0.001	0.00076 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.0069	0.0016 J	0.0085 J
MW5-ROX-041217	4/12/2017	33.97 - 43.97	25.32	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0034	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW-06A	MW6A-ROX-071014	7/10/2014	34.83 - 44.83	30.75	NE	<0.001	<0.005	<0.005 UJ	<0.005	<0.005	0.0148	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW6A-ROX-100814	10/8/2014		29.84	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0082 J	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW6A-ROX-011415	1/14/2015		31.54	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW6A-ROX-040715	4/7/2015		33.08	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0077	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005 UJ	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW6A-ROX-071515	7/15/2015		31.52	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0045	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW6A-ROX-100715	10/7/2015		29.77	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0053	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW6A-ROX-011116	1/11/2016		29.36	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0034	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW6A-ROX-040716	4/7/2016		29.07	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0043	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW6A-ROX-071116	7/11/2016		28.45	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0036	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
	MW6A-ROX-101116	10/11/2016		27.51	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0027	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
MW6A-ROX-011017	1/10/2017	27.43	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW6A-ROX-041217	4/12/2017	34.8																								

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																				
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹		
						Analytical Results (mg/L)																				
MW-07	MW7-ROX-071614	7/16/2014	42.92 - 52.92	42.05	NE	0.208 J	<0.005	<0.005	0.0127 J	<0.005	<0.001	0.0165 J	0.0197 J	<0.005	<0.001	0.224 J	<0.005	<0.005	<0.001	0.143 J	0.0324 J	<0.005	0.48 J	0.187 J	0.667 J	
	MW7-ROX-071614-DUP	7/16/2014		42.05	NE	0.206 J	<0.005	<0.005	0.0131 J	<0.005	<0.001	0.0141 J	0.0194 J	<0.005	<0.001	0.222 J	<0.005	<0.005	<0.001	0.142 J	0.0318 J	<0.005	0.465 J	0.181 J	0.647 J	
	MW7-ROX-101614	10/16/2014		41.31	NE	<5	<25	<25	<25	<25	<5	<25	<25	<25	<25	<5	<5	<25 UJ	<25	<5	<25	<25	<25 UJ	<5	<5	<5
	MW7-ROX-101614-DUP	10/16/2014		41.31	NE	<5	<25	<25	<25	<25	<5	<25	<25	<25	<25	<5	<5	<25 UJ	<25	<5	<25	<25	<25 UJ	<5	<5	<5
	MW7-ROX-012215	1/22/2015		43.45	NE	<1	<5	<5	<5	<5	<1	<5	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<1	<1	<1
	MW7-ROX-012215-DUP	1/22/2015		43.45	NE	<1	<5	<5	<5	<5	<1	<5	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<1	<1	<1
	MW7-ROX-042115	4/21/2015		44.63	NE	0.0822	<0.25	<0.25	<0.25	<0.25	<0.05	<0.25 UJ	<0.25	<0.25	<0.05	0.295	<0.25	<0.25	<0.05	0.0791 J	0.0174 J	<0.25	0.116	0.0357 J	0.152	
	MW7-ROX-042115-DUP	4/21/2015		44.63	NE	0.081	<0.25	<0.25	<0.25	<0.25	<0.05	<0.25 UJ	<0.25	<0.25	<0.05	0.285	<0.25	<0.25	<0.05	0.0784 J	0.0173 J	<0.25	0.116	0.0369 J	0.153	
	MW7-ROX-071515	7/15/2015		43.54	NE	<5	<25	<25	<25	<25	<5	<25	<25	<25	<5	<5	<25	<25	<5	<25	<25	<25	<25	<5	<5	<5
	MW7-ROX-071515-DUP	7/15/2015		43.54	NE	<5	<25	<25	<25	<25	<5	<25	<25	<25	<5	<5	<25	<25	<5	<25	<25	<25	<25	<5	<5	<5
	MW7-ROX-101915	10/19/2015		41.43	NE	<10	<50	<250	<10	<250	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<250	<50	<50	<50
	MW7-ROX-101915-DUP	10/19/2015		41.43	NE	<10	<50	<250	<10	<250	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<250	<50	<50	<50
	MW7-ROX-011416	1/14/2016	41.02	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<25	
	MW7-ROX-011416-DUP	1/14/2016	41.02	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<25	
	MW7-ROX-041916	4/19/2016	40.68	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10	
	MW7-ROX-041916-DUP	4/19/2016	40.68	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10	
	MW7-ROX-071416	7/14/2016	39.99	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<50	
	MW7-ROX-071416-DUP	7/14/2016	39.99	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<50	
	MW7-ROX-100616	10/6/2016	39.24	NE	<10	<50	<250	<10	<250	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<250	<50	<50	<100	
	MW7-ROX-100616-DUP	10/6/2016	39.24	NE	<10	<50	<250	<10	<250	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<250	<50	<50	<100	
MW7-ROX-010917	1/9/2017	38.90	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<50		
MW7-ROX-041017	4/10/2017	38.88	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	0.8 J	<1	<1	<1	<1	<1	<25	<5	<5	<10		
MW7-ROX-041017-DUP	4/10/2017	38.88	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	0.85 J	<1	<1	<1	<1	<1	<25	<5	<5	<10		
MW-08	MW8-ROX-071614	7/16/2014	33.60 - 43.60	33.01	NE	0.266	<0.005 UJ	<0.005 UJ	0.0266 J	<0.005 UJ	0.392 J	0.0598 J	0.0606 J	<0.005 UJ	<0.001 UJ	0.108 J	<0.005 UJ	<0.005 UJ	<0.001 UJ	0.226 J	0.0904 J	<0.005 UJ	0.377 J	0.141 J	0.518 J	
	MW8-ROX-101614	10/16/2014		32.23	NE	0.305 J	<5	<5	<5	<5	1.19	<5	<5	<5	<1	<1	<5 UJ	<5	<1	<5	<5	<5 UJ	<1	<1	<1	
	MW8-ROX-012215	1/22/2015		34.22	NE	0.359 J	<5	<5	<5	<5	0.906 J	<5	<5	<5	<1	0.259 J	<5	<5	<1	<5	<5	<5	<1	<1	0.318 J	
	MW8-ROX-042115	4/21/2015		35.41	NE	0.203	<0.25	<0.25	<0.25	<0.25	0.506	<0.25 UJ	0.0251 J	<0.25	<0.05	0.325	<0.25	<0.25	<0.05	0.0473 J	0.0241 J	<0.25	0.164	0.0552	0.22	
	MW8-ROX-071515	7/15/2015		34.07	NE	<5	<25	<25	<25	<25	<5	<25	<25	<25	<5	<5	<25	<25	<5	<25	<25	<25	<25	<5	<5	<5
	MW8-ROX-101915	10/19/2015		32.30	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<25
	MW8-ROX-011416	1/14/2016		31.79	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10
	MW8-ROX-041916	4/19/2016		31.45	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<5
	MW8-ROX-071416	7/14/2016		30.80	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<20
	MW8-ROX-100616	10/6/2016		29.99	NE	<5	<25	<130	<5	<130	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<130	<25	<25	<50
MW8-ROX-010917	1/9/2017	29.79	NE	<2.5	<13	<63	<2.5	<63	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<63	<13	<13	<25		
MW8-ROX-041017	4/10/2017	29.80	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<10		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																						
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)			
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹				
						Analytical Results (mg/L)																						
MW-12	MW12-ROX-070914	7/9/2014	41.92 - 51.92	41.97	NE	<0.001	<0.005	<0.005 UJ	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001			
	MW12-ROX-100614	10/6/2014		40.98	NE	<0.001	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001		
	MW12-ROX-011215	1/12/2015		42.33	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001		
	MW12-ROX-040615	4/6/2015		43.75	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW12-ROX-070815	7/8/2015		42.86	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW12-ROX-100815	10/8/2015		40.54	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW12-ROX-100815-DUP	10/8/2015		40.54	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW12-ROX-011116	1/11/2016		40.98	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW12-ROX-040716	4/7/2016		39.82	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW12-ROX-071216	7/12/2016		38.89	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
	MW12-ROX-101116	10/11/2016		38.85	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
	MW12-ROX-010917	1/9/2017		38.11	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
MW12-ROX-041417	4/14/2017	38.29	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01			
MW-13	MW13-ROX-070714	7/7/2014	25.57 - 35.57	28.49	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0091 J	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001			
	MW13-ROX-101014	10/10/2014		27.48	NE	<0.001	<0.005	<0.005 UJ	<0.005	<0.005	0.0045	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001 UJ	<0.001	0.0011 J		
	MW13-ROX-011615	1/16/2015		29.09	NE	0.00097 J	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.001	0.00076 J	<0.005	<0.005	<0.001	0.00064 J	<0.005	<0.005	<0.005	0.0022	0.00072 J	0.003		
	MW13-ROX-041415	4/14/2015		30.71	NE	0.00033 J	<0.005	<0.005	<0.005	<0.005	0.0075	<0.005 UJ	<0.005	<0.005	<0.001	0.00035 J	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	0.00057 J	0.00024 J	0.00082 J		
	MW13-ROX-070815	7/8/2015		29.16	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0054	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001		
	MW13-ROX-100515	10/5/2015		27.34	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW13-ROX-010716	1/7/2016		27.16	NE	0.0021	<0.005	<0.025	0.008	<0.025	0.013	<0.001	0.011	<0.001	<0.001	0.033	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	0.059	0.0038 J	0.063	
	MW13-ROX-040816	4/8/2016		26.81	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0055	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005		
	MW13-ROX-071116	7/11/2016		26.01	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0064	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
	MW13-ROX100716	10/7/2016		25.16	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0076	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
	MW13-ROX-010617	1/6/2017		25.54	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0067	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
	MW13-ROX-041317	4/13/2017		25.75	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0055	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW-14	MW14-ROX-070714	7/7/2014	33.42 - 43.42	32.82	NE	<0.001	<0.005	<0.005	0.00073 J	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001			
	MW14-ROX-101414	10/14/2014		31.65	NE	<0.001	<0.005	<0.005 UJ	0.00043 J	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001 UJ	<0.001	0.00041 J J			
	MW14-ROX-011615	1/16/2015		33.58	NE	0.00036 J	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	0.00042 J	<0.005	<0.005	<0.001	0.00032 J	<0.005	<0.005	<0.005	0.00072 J	<0.001	0.001		
	MW14-ROX-041415	4/14/2015		35.16	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001		
	MW14-ROX-070915	7/9/2015		34.06	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.0011 U	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001		
	MW14-ROX-101315	10/13/2015		31.88	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW14-ROX-010816	1/8/2016		31.64	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005		
	MW14-ROX-041416	4/14/2016		31.32	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.001 J		
	MW14-ROX-071116	7/11/2016		30.59	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						VOCs																					
						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹		10 ¹		
						Analytical Results (mg/L)																					
MW-24	MW24-ROX-071114	7/10/2014	38.89 - 48.89	42.97	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001		
	MW24-ROX-100814	10/8/2014		42.16	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001 UJ	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW24-ROX-011315	1/13/2015		43.17	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW24-ROX-040915	4/9/2015		44.45	NE	<0.001	<0.005	<0.005 UJ	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW24-ROX-070915	7/9/2015		44.65	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW24-ROX-100715	10/7/2015		41.45	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW24-ROX-011316	1/13/2016		41.44	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW24-ROX-040816	4/8/2016		40.79	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW24-ROX-071216	7/12/2016		39.67	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
	MW24-ROX-101116	10/11/2016		39.19	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
MW24-ROX-010917	1/9/2017	38.97	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW24-ROX-041717	4/17/2017	39.27	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW-25	MW25-ROX-102114	10/21/2014	35.59 - 45.59	36.44	NE	<2	<10	<10	<10	<10	<2	<10	<10	<10	<2	2.65	<10	<10	<2	<10	<10	<10	<2	<2	0.753 J		
	MW25-ROX-012215	1/22/2015		38.45	NE	<0.25	<1.3	<1.3	<1.3	<1.3	0.282	<1.3	<1.3	<1.3	<0.25	<0.25	<1.3	<1.3	<0.25	<1.3	<1.3	<1.3	<0.25	<0.25	<0.25	0.0821 J	
	MW25-ROX-042115	4/21/2015		39.71	NE	<0.05	<0.25	<0.25	<0.25	<0.25	0.125	<0.25 UJ	<0.25	<0.25	<0.05	<0.05	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.05	<0.05	<0.05	<0.05	
	MW25-ROX-071515	7/15/2015		38.40	NE	<0.2	<1	<1	<1	<1	<0.2	<1	<1	<1	0.0577 J	<0.2	<1	<1	<0.2	<1	<1	<1	<0.2	<0.2	<0.2	<0.2	
	MW25-ROX-101915	10/19/2015		36.55	NE	<0.1	<0.5	<2.5	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<2.5	<0.5	<0.5	<0.5
	MW25-ROX-011416	1/14/2016		36.12	NE	<0.02	<0.1	<0.5	<0.02	<0.5	0.042	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.5	<0.1	<0.1	<0.1
	MW25-ROX-041916	4/19/2016		35.67	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.049	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.00085 J	
	MW25-ROX-071816	7/18/2016		35.19	NE	<0.01	<0.05	<0.25	<0.01	<0.25	0.025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.25	<0.05	<0.05	<0.1	
	MW25-ROX-100616	10/6/2016		34.27	NE	<0.002	<0.01	<0.05	<0.002	<0.05	0.039	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.05	<0.01	<0.01	<0.02	
	MW25-ROX-011117	1/11/2017		34.00	NE	<0.001	<0.005	<0.025	0.00059 J	<0.025	0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
MW25-ROX-041117	4/11/2017	35.59 - 45.59	34.31	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW-26	MW26-ROX-102114	10/21/2014	38.15 - 48.15	39.43	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0019	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW26-ROX-011215	1/12/2015		41.09	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW26-ROX-040815	4/8/2015		42.52	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005 UJ	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW26-ROX-070815	7/8/2015		41.76	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	MW26-ROX-100615	10/6/2015		39.19	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW26-ROX-010716	1/7/2016		39.55	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW26-ROX-040616	4/6/2016		38.44	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	MW26-ROX-071216	7/12/2016		37.74	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
	MW26-ROX-101016	10/10/2016		37.13	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
	MW26-ROX-010617	1/6/2017		36.74	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
MW26-ROX-041417	4/14/2017	38.15 - 48.15	36.91	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
MW-27	MW27-ROX-102114	10/21/2014	39.79 - 49.79	41.57	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.00						

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																						
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)			
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.036 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹				
						Analytical Results (mg/L)																						
MW-28	MW28-ROX-102114	10/21/2014	33.61 - 43.61	36.44	NE	<0.001	<0.005	<0.005	0.00075 J	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	0.0011	<0.005	<0.005	<0.001	0.0036 J	0.00059 J	<0.005	0.0036	0.0051	0.0087			
	MW28-ROX-011515	1/15/2015		41.14	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	0.00026 J	<0.005	<0.005	<0.001	0.00059 J	<0.005	<0.005	0.0012	0.00092 J	0.0021			
	MW28-ROX-041415	4/14/2015		42.34	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	0.00042 J	0.00042 J		
	MW28-ROX-071515	7/15/2015		42.19	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	0.00031 J	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001		
	MW28-ROX-101215	10/12/2015		40.04	NE	0.00066 J	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.0017 J	
	MW28-ROX-101215-DUP	10/12/2015		40.04	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW28-ROX-011416	1/14/2016		39.98	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW28-ROX-041216	4/12/2016		39.20	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	MW28-ROX-071416	7/14/2016		38.49	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.0017 J	
	MW28-ROX-101316	10/13/2016		37.86	NE	<0.001	<0.005	<0.025	0.0023	<0.025	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	0.0011 J	<0.01	
MW28-ROX-011217	1/12/2017	37.14	NE	<0.001	<0.005	<0.025	0.0018	<0.025	0.0028	<0.001	<0.001	<0.001	<0.001	<0.001	0.00082 J	<0.001	<0.001	<0.001	0.0013	0.00071 J	<0.025	0.01	0.02	0.03				
MW28-ROX-041717	4/17/2017	38.02	NE	0.004	<0.005	<0.025	0.0041	<0.025	0.00098 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	0.0054	0.0063 J			
P-54	P54-ROX-071114	7/10/2014	38.00 - 63.00	41.71	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001			
	P54-ROX-100814	10/8/2014		40.88	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001 UJ	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001		
	P54-ROX-011415	1/14/2015		41.79	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001		
	P54-ROX-041015	4/10/2015		43.20	NE	<0.001	<0.005 UJ	<0.005 UJ	<0.005	<0.005	<0.001	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005 UJ	<0.001	<0.005	<0.005	<0.005	<0.005 UJ	<0.001	<0.001	<0.001	<0.001	
	P54-ROX-070915	7/9/2015		42.25	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.0037 U	<0.005	<0.005	<0.001	<0.001	<0.005	<0.00092 U	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	0.00028 J		
	P54-ROX-100915	10/9/2015		40.20	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	P54-ROX-011216	1/12/2016		40.22	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	P54-ROX-041216	4/12/2016		39.42	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	P54-ROX-071216	7/12/2016		38.44	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	<0.01	
	P54-ROX-101216	10/12/2016		37.85	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
P54-ROX-010917	1/9/2017	37.80	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00077 J	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01			
P54-ROX-041717	4/17/2017	38.10	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01			
P-56	P56-ROX-070814	7/8/2014	40.82 - 65.82	45.97	NE	1.71 J	<0.005	<0.005	0.106 J	<0.005	<0.001	0.156 J	0.133 J	<0.005	<0.001	0.288 J	<0.005	<0.005	<0.001	0.487 J	0.166 J	<0.005	2.04 J	0.122 J	2.09 J			
	P56-ROX-101314	10/13/2014		45.05	NE	0.164	<0.005	<0.005 UJ	0.0645	<0.005 UJ	<0.001	0.0679	0.0709	<0.005	<0.001	0.0183	<0.005	<0.005	<0.001	0.0657	0.0194	<0.005	0.17 J	0.0066	0.176 J			
	P56-ROX-011915	1/19/2015		46.58	NE	0.104	<0.005	<0.005	0.0532	<0.005	<0.001	0.0261	0.0574	<0.005	<0.001	0.0114	<0.005	<0.005	<0.001	0.0466	0.0135	<0.005	0.143	0.0043	0.148			
	P56-ROX-041515	4/15/2015		48.05	NE	0.624	<0.005	<0.005	0.0768	<0.005	<0.001	0.0754 J	0.0918	<0.005	<0.001	0.068	<0.005	<0.005	<0.001	0.189	0.0454	<0.005	0.737	0.0124	0.749			
	P56-ROX-071015	7/10/2015		47.34	NE	0.0297	<0.005	<0.005	0.057	<0.005	<0.001	0.0158	0.0594	<0.005	<0.001	0.005	<0.005	<0.005	<0.001	0.0063	0.0041 J	<0.005	0.0702	0.0035	0.0737			
	P56-ROX-101415	10/14/2015		44.85	NE	0.067	<0.005	<0.025	0.027	0.011 J	<0.001	0.016	0.031	<0.001	<0.001	0.0077	<0.001	<0.001	<0.001	0.029	0.0077	<0.025	0.1	0.0031 J	0.1			
	P56-ROX-011116	1/11/2016		44.78	NE	0.092	<0.025	<0.13	0.031	<0.13	<0.005	0.023	0.036	<0.005	<0.005	0.016	<0.005	<0.005	<0.005	0.063	0.016	<0.13	0.22	0.0062 J	0.22			
	P56-ROX-041416	4/14/2016		43.73	NE	0.093	<0.025	<0.13	0.035	<0.13	<0.005	0.019	0.039	<0.005	<0.005	0.017	<0.005	<0.005	<0.005	0.074	0.019	<0.13	0.2	0.0061 J	0.21			
	P56-ROX-071216	7/12/2016		42.87	NE	0.034	<0.01	<0.05	0.032	<0.05	<0.002	0.013	0.032	<0.002	<0.002	0.011	<0.002	<0.002	<0.002	0.037	0.011	<0.05	0.1	0.0036 J	0.11			
	P56-ROX-101716	10/17/2016		42.35	NE	0.051	<0.005	<0.025	0.031	<0.025	<0.001	0.023	0.036	<0.001	<0.001	0.011	<0.001	<0.001	<0.001	0.062	0.015	<0.025	0.18	0.0047 J J	0.19			
P56-ROX-011217	1/12/2017	42.01	NE	0.017	<0.005	<0.025	0.028	<0.025	<0.001	0.012	0.031	<0.001	<0.001	0.0049	<0.001	<0.001	<0.001	0.04	0.01	<								

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																					
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹			
						Analytical Results (mg/L)																					
P-57	P57-ROX-070814	7/8/2014	40.46 - 65.46	45.95	NE	1.12	<0.005 UJ	<0.005 UJ	0.0656 J	<0.005 UJ	<0.001 UJ	0.128 J	0.0605 J	<0.005 UJ	<0.001 UJ	0.154 J	<0.005 UJ	<0.005 UJ	<0.001 UJ	0.375 J	0.0913 J	<0.005 UJ	1.46	0.237	1.7		
	P57-ROX-070814-DUP	7/8/2014		45.95	NE	1.21	<0.005 UJ	<0.005 UJ	0.0689 J	<0.005 UJ	<0.001 UJ	0.139 J	0.0633 J	<0.005 UJ	<0.001 UJ	0.16 J	<0.005 UJ	<0.005 UJ	<0.001 UJ	0.392 J	0.0954 J	<0.005 UJ	1.56	0.234	1.79		
	P57-ROX-101414-DUP	10/14/2014		45.00	NE	1.77 J J	<10	<10 UJ	<10	<10 UJ	<2	<10	<10	<10	<2	0.849 J	<10	<10	<2	1.18 J	<10	<10	2.37 J	0.949 J	3.32 J		
	P57-ROX-101414	10/14/2014	44.19 - 54.19	45.00	NE	3.86 J	<10	<10 UJ	<10	<10 UJ	<2	2.05 J	<10	<10	<10	<2	2.65	<10	<10	<2	2.37 J	<10	<10	5.79 J	2.1	7.89 J	
	P57-ROX-012315	1/23/2015		47.52	NE	0.773	<2.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<0.5	0.652 J	<2.5	<2.5	0.342 J	<0.5	0.342 J		
	P57-ROX-042015	4/20/2015		48.73	NE	0.487	<0.25	<0.25	0.0246 J	<0.25	<0.05	<0.25 UJ	0.0468 J	<0.25	<0.05	0.0376 J	<0.25 UJ	<0.25	<0.05	0.305	0.0323 J	<0.25	0.14	0.0141 J	0.154		
	P57-ROX-071315	7/13/2015		47.81	NE	0.44 J	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	0.44 J	<5	<5	<5	<1	<1	0.237 J		
	P57-ROX-101515	10/15/2015		45.56	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	1.8	<1	<1	<1	<1	<1	<25	<5	<5	0.63 J	
	P57-ROX-011216	1/12/2016		45.61	NE	0.55 J	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	0.83 J	
	P57-ROX-041816	4/18/2016		44.80	NE	0.2 J	<1.3	<6.3	<0.25	<6.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<6.3	<1.3	<1.3	<1.3
	P57-ROX-071316	7/13/2016		44.02	NE	0.57	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5	
	P57-ROX-101816	10/18/2016		43.17	NE	0.3 J	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5	
	P57-ROX-011617	1/16/2017		42.82	NE	0.24 J	<1.3	<6.3	<0.25	<6.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<6.3	<1.3	<1.3	<2.5
P57-ROX-040717	4/7/2017	44.19 - 54.19	43.05	NE	0.14 J	<1	<5	<0.2	<5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<5	<1	<1	<2			
P-58	P58-ROX-071814	7/18/2014	40.21 - 65.21	43.80	NE	<2	<10	<10	<10	<2	<10	<10	<10	<2	<2	<10	<10	<2	<10	<10	<10	<2	<2	<2			
	P58-ROX-101514	10/15/2014		43.14	NE	0.793 J	<2.5	<2.5	1.43 J	<2.5	<0.5	<2.5	0.781 J	<2.5	<0.5	<0.5	<2.5	<2.5	<0.5	0.72 J	0.453 J	<2.5	<0.5	0.253 J	0.718		
	P58-ROX-012315	1/23/2015		45.32	NE	1.13	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	<1	0.714 J	<5	<5	0.686 J	<1	0.686 J		
	P58-ROX-042015	4/20/2015		46.67	NE	0.81	<0.05	<0.05	0.0575	<0.05	<0.01	0.12 J	0.0762	<0.05	<0.01	0.101	<0.05 UJ	<0.05	<0.01	0.549	0.0691	<0.05	0.433	0.0525	0.486		
	P58-ROX-071415	7/14/2015		45.54	NE	0.457 J	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<1	<1	0.285 J		
	P58-ROX-101615	10/16/2015		43.45	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10	
	P58-ROX-011316	1/13/2016		43.18	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10	
	P58-ROX-041816	4/18/2016		42.68	NE	0.62 J	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<5	
	P58-ROX-071516	7/15/2016		42.05	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<20	
	P58-ROX-101816	10/18/2016		41.05	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<20	
	P58-ROX-011617	1/16/2017		40.73	NE	0.98 J	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<10	
P58-ROX-041117	4/11/2017	40.21 - 65.21	40.74	NE	0.48 J	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5			
P-59	P59-ROX-070814	7/8/2014	47.91 - 72.91	47.69	NE	1.92	<0.005	<0.005	0.0948 J	<0.005	<0.001	0.228 J	0.16 J	<0.005	<0.001	1.55	<0.005	<0.005	<0.001	0.607	0.285 J	<0.005	4.48	0.929	5.41		
	P59-ROX-101414	10/14/2014		46.18	NE	2.33	<0.005	<0.005 UJ	0.0932 J	<0.005 UJ	0.0041 J	0.38 J	0.188 J	<0.005	<0.001	1.13	<0.005	<0.005	<0.001	0.901	0.26 J	<0.005	5.14 J	1.03	6.17 J		
	P59-ROX-011915	1/19/2015		47.42	NE	2.2	<0.5	<0.5	0.0619 J	<0.5	<0.1	0.572	0.108 J	<0.5	<0.1	0.375	<0.5	<0.5	<0.1	0.609	0.21 J	<0.5	4.95	0.245	5.2		
	P59-ROX-041615	4/16/2015		48.83	NE	2.13	<0.05	<0.05 UJ	0.0432 J	<0.05	<0.01	0.161 J	0.0763	<0.05	0.0032 J	0.69	<0.05	<0.05	<0.01	0.576	0.177	<0.05	4.78	0.534	5.32		
	P59-ROX-071315	7/13/2015		47.85	NE	0.664	<0.13	<0.13	0.0111 J	<0.13	<0.025	0.162	0.0211 J	<0.13	<0.025	0.103	0.0283 J	<0.13	<0.025	0.15	0.0541 J	<0.13	1.6	0.0368	1.63		
	P59-ROX-101515	10/15/2015		45.75	NE	1.1	<0.25	<1.3	0.03 J	<1.3	<0.05	0.085	0.04 J	<0.05	<0.05	0.54	<0.05	<0.05	<0.05	0.28	0.1	<1.3	2.8	0.27	3.1		
	P59-ROX-011216	1/12/2016		46.10	NE	1.1	<0.13	<0.63	0.022 J	<0.63	<0.025	0.11	0.037	<0.025	<0.025	1.6	<0.025	<0.025	<0.025	0.26	0.08	<0.63	2.3	0.46	2.8		
	P59-ROX-041816	4/18/2016		44.28	NE	1.7	<0.1	<0.5	0.04	<0.5	<0.02	0.14	0.084	<0.02	<0.02	0.85	<0.02	<0.02	<0.02	0.56	0.16	<0.5	3.4	0.31	3.7		
	P59-ROX-071316	7/13/2016		44.01	NE	1.4	<0.13	<0.63	0.046	<0.63	<0.025	0.18	0.059	<0.025	<0.025	0.47	<0.025	<0.025	<0.025	0.48	0.16	<0.63	2.1	0.17	2.2		
	P59-ROX-101816	10/18/2016		43.39	NE	2.1	<0.25	<1.3	0.05	<1.3	<0.05	0.19	0.1	<0.05	<0.05	2.3	<0.05	<0.05	<0.05	0.64	<0.05	<1.3	4.2	0.27	4.5		
	P59-ROX-011617	1/16/2017		42.83	NE	2.3	<0.25	<1.3	0.07	<1.3	<0.05	0.25	0.14	<0.05	<0.05	0.61	<0.05	<0.05	<0.05	0.87	0.22	<1.3	3.5	0.14 J	3.6		
P59-ROX-040717	4/7/2017	47.91 - 72.91	43.31	NE	2	<0.25	<1.3	0.048 J	<1.3	<0.05	0.18	0.089	<0.05	<0.05	0.59	<0.05	<0.05	<0.05	0.55	0.13	<1.3	3.3	0.12 J	3.4			

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																						
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)			
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹				
						Analytical Results (mg/L)																						
P-66	P66-ROX-070714	7/7/2014	34.72 - 59.72	35.60	NE	0.0016	<0.005	<0.005	0.144	<0.005	<0.001	<0.005	0.102	<0.005	<0.001	0.0022	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	0.001	0.00099 J	0.002			
	P66-ROX-101414	10/14/2014		34.48	NE	0.0013	<0.005	<0.005 UJ	0.129	<0.005	0.0111	<0.005	0.137	<0.005	<0.001	0.0016	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001 UJ	0.0009 J	0.0018 J			
	P66-ROX-011615	1/16/2015		36.62	NE	0.0016	<0.005	<0.005	0.121	<0.005	0.0171	0.006	0.136	<0.005	<0.001	0.0018	<0.005	<0.005	<0.001	0.00073 J	0.00029 J	<0.005	0.00093 J	0.0012	0.0021			
	P66-ROX-011615-DUP	1/16/2015		36.62	NE	0.0014	<0.005	<0.005	0.116	<0.005	0.0172	0.0053	0.127	<0.005	<0.001	0.0016	<0.005	<0.005	<0.001	0.00041 J	0.00019 J	<0.005	0.001	0.0013	0.0022			
	P66-ROX-041415	4/14/2015		38.27	NE	0.003	<0.005	<0.005	0.133	<0.005	<0.001	<0.005 UJ	0.134	<0.005	<0.001	0.0024	<0.005	<0.005	<0.001	0.00064 J	<0.005	<0.005	0.0028	0.0015	0.0044			
	P66-ROX-041415-DUP	4/14/2015		38.27	NE	0.0027	<0.005	<0.005	0.13	<0.005	<0.001	<0.005 UJ	0.132	<0.005	<0.001	0.0022	<0.005	<0.005	<0.001	0.00053 J	<0.005	<0.005	0.0024	0.0013	0.0037			
	P66-ROX-070815	7/8/2015		37.24	NE	0.0024	<0.005	<0.005	0.133	<0.005	<0.001	<0.005	0.117	<0.005	<0.001	0.0017	<0.005	<0.005	<0.001	0.0003 J	<0.005	<0.005	0.0016	0.0011	0.0027			
	P66-ROX-070815-DUP	7/8/2015		37.24	NE	0.0022	<0.005	<0.005	0.132	<0.005	<0.001	<0.005	0.119	<0.005	<0.001	0.0018	<0.005	<0.005	<0.001	0.00032 J	<0.005	<0.005	0.0016	0.0011	0.0027			
	P66-ROX-101315	10/13/2015		34.84	NE	0.0042	<0.005	<0.025	0.072	<0.025	0.019	0.0035	0.068	<0.001	<0.001	0.00092 J	<0.001	<0.001	<0.001	0.0012	<0.001	<0.025	0.0024 J	0.00086 J	0.0033 J			
	P-66-ROX-010816	1/8/2016		34.64	NE	<0.001	<0.005	<0.025	0.085	<0.025	<0.001	<0.001	0.083	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005			
	P66-ROX-041516	4/15/2016		34.33	NE	0.0048	<0.005	<0.025	0.068	<0.025	<0.001	0.017	0.075	<0.001	<0.001	0.00086 J	<0.001	<0.001	<0.001	0.0017	0.00056 J	<0.025	0.002 J	0.00077 J	0.0027 J			
	P66-ROX-071116	7/11/2016		33.58	NE	0.0075	<0.005	<0.025	0.083	<0.025	0.017	0.026	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	0.00082 J	<0.025	0.0032 J	0.001 J	0.0042 J			
	P66-ROX-101416	10/14/2016		32.61	NE	0.0091	<0.005	<0.025	0.071	<0.025	0.022	0.067	0.095	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.024	0.0014	<0.025	0.0039 J	0.001 J	0.0049 J			
	P66-ROX-011117	1/11/2017		32.41	NE	0.0049	<0.005	<0.025	0.083	<0.025	0.0052	0.051	0.12	<0.001	<0.001	0.00087 J	<0.001	<0.001	<0.001	0.024	0.0012	<0.025	0.0031 J	0.0013 J	0.0044 J			
P66-ROX-041317	4/13/2017	32.19	NE	0.00056 J	<0.005	<0.025	0.082	<0.025	<0.001	0.0018	0.085	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	0.0014	<0.001	<0.025	<0.005	0.00081 J	<0.01					
P-74	P74-ROX-070814	7/8/2014	44.43 - 69.43	43.02	NE	0.0374	<0.005	<0.005	0.0018 J J	<0.005	<0.001	0.0128	0.0036 J	<0.005	<0.001	0.0087	<0.005	<0.005	<0.001	0.117	0.0518	<0.005	0.121	0.0122	0.133			
	P74-ROX-101414	10/14/2014		41.48	NE	<0.001	<0.005	<0.005 UJ	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001 UJ	<0.001	0.00043 J J			
	P74-ROX-011915	1/19/2015		43.47	NE	0.082	<0.005	<0.005	0.0029 J	<0.005	0.0056	0.0193	0.0053	<0.005	<0.001	0.102	<0.005	<0.005	<0.001	0.135	0.0589	<0.005	0.197	0.019	0.216			
	P74-ROX-041515	4/15/2015		44.61	NE	0.0058	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	0.00042 J	<0.005	<0.001	0.0013	<0.005	<0.005	<0.001	0.0086	0.0044 J	<0.005	0.0202	0.0012	0.0214			
	P74-ROX-071015	7/10/2015		43.28	NE	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001			
	P74-ROX-101415	10/14/2015		41.75	NE	0.056	<0.025	<0.13	<0.005	<0.13	<0.005	0.02	0.0038 J	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	0.081	0.033	<0.13	0.21	0.0071 J	0.21			
	P74-ROX-011116	1/11/2016		40.67	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	0.0032	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.001 J			
	P74-ROX-041516	4/15/2016		40.40	NE	0.0025	<0.005	<0.025	<0.001	<0.025	0.0018	0.0012	<0.001	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	0.0096	0.0062	<0.025	0.013	0.001 J	0.014			
	P74-ROX-071216	7/12/2016		39.56	NE	0.0021	<0.005	<0.025	<0.001	<0.025	<0.001	0.0018	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	0.016	0.0098	<0.025	0.0069	0.00089 J	0.0078 J			
	P74-ROX-101416	10/14/2016		39.44	NE	0.002	<0.005	<0.025	0.00063 J	<0.025	<0.001	0.0038	0.0012	<0.001	<0.001	0.0015	<0.001	<0.001	<0.001	0.013	0.005	<0.025	0.0035 J	0.00079 J	0.0043 J			
P74-ROX-011217	1/12/2017	38.64	NE	0.0016	<0.005	<0.025	<0.001	<0.025	0.0055	<0.001	<0.001	<0.001	<0.001	0.0017	<0.001	<0.001	<0.001	0.0048	0.0011	<0.025	0.0037 J	0.0015 J	0.0052 J					
P74-ROX-040717	4/7/2017	38.92	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01					

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																					
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	<0.7 ¹	<0.007 ³	<0.035 ³	<0.7 ¹	<0.56 ³	<0.07 ¹	<0.14 ¹	<0.7 ³	<0.1 ¹	<0.005 ¹	<1.0 ¹	<0.0056 ³	<0.07 ¹	<0.005 ¹		<0.07 ³	<7.0 ²	<10 ¹	<10 ¹			
						Analytical Results (mg/L)																					
P-93A	P93A-ROX-071814	7/18/2014	48.17 - 63.17	45.70	NE	<1	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<1	<1	<1		
	P93A-ROX-071814-DUP	7/18/2014		45.70	NE	<1	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<1	<1	<1		
	P93A-ROX-101514	10/15/2014		45.06	NE	0.229 J J	<2.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<0.5	<0.5	<2.5	<2.5	<0.5	0.442 J	<2.5	<2.5	<2.5	<0.5	0.263 J	0.65	
	P93A-ROX-101514-DUP	10/15/2014		45.06	NE	0.226 J J	<2.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<0.5	<0.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<0.5	0.258 J	0.635	
	P93A-ROX-012715	1/27/2015	43.07 - 53.07	46.05	NE	0.0856 J	<0.002 UJ	<0.01 UJ	0.0073 J	0.0011 J J	0.0013 J	0.0243 J	0.008 J	<0.001 UJ	<0.001 UJ	0.0039 J	<0.001 UJ	<0.001 UJ	<0.001 UJ	0.127 E J	0.0282 J	<0.01 UJ	0.138 J	0.0347 J	0.173 J		
	P93A-ROX-041715	4/17/2015		47.02	NE	0.0559	<0.005	<0.005	0.0049 J	<0.005	<0.001	0.011 J	0.0059	<0.005	<0.001	0.003	<0.005 UJ	<0.005	<0.001	0.0886	0.03	<0.005	0.0477	0.0199	0.0677		
	P93A-ROX-071315	7/13/2015		45.93	NE	0.0361 J	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.1	0.0342 J	<0.5	<0.5	<0.1	0.0313 J	<0.5	<0.5	<0.1	<0.1	0.0502 J		
	P93A-ROX-101515	10/15/2015		43.69	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<5	
	P93A-ROX-101515-DUP	10/15/2015		43.69	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<5	
	P-93A-ROX-011216	1/12/2016		43.73	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10	
	P-93A-ROX-011216-DUP	1/12/2016		43.73	NE	<2	<10	<50	<2	<50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<10	<10	<10	
	P93A-ROX-041916	4/19/2016		43.08	NE	<0.25	<1.3	<6.3	<0.25	<6.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<6.3	<1.3	<1.3	<1.3
	P93A-ROX-041916-DUP	4/19/2016		43.08	NE	<0.25	<1.3	<6.3	<0.25	<6.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<6.3	<1.3	<1.3	<1.3
	P93A-ROX-071316	7/13/2016		42.20	NE	<0.1	<0.5	<2.5	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<2.5	<0.5	<0.5	<1	
	P93A-ROX-071316-DUP	7/13/2016		42.20	NE	<0.1	<0.5	<2.5	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<2.5	<0.5	<0.5	<1	
	P93A-ROX-101816	10/18/2016		41.35	NE	<0.02	<0.1	<0.5	<0.02	<0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.5	<0.1	<0.1	<0.2
	P93A-ROX-101816-DUP	10/18/2016		41.35	NE	<0.02	<0.1	<0.5	<0.02	<0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.5	<0.1	<0.1	<0.2
	P93A-ROX-011217	1/12/2017		41.04	NE	<0.005	<0.025	<0.13	<0.005	<0.13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.13	<0.025	<0.025	<0.05
	P93A-ROX-011217-DUP	1/12/2017		41.04	NE	<0.005	<0.025	<0.13	<0.005	<0.13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.13	<0.025	<0.025	<0.05
	P93A-ROX-040717	4/7/2017		41.26	NE	<0.002	<0.01	<0.05	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.05	<0.01	<0.01	<0.02
P93A-ROX-040717-DUP	4/7/2017	41.26	NE	<0.002	<0.01	<0.05	<0.002	<0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.05	<0.01	<0.01	<0.02		
P-93B	P93B-ROX-071714	7/17/2014	74.60 - 76.60	45.75	NE	0.0236 J	<0.005 UJ	<0.005 UJ	0.0227 J	<0.005 UJ	<0.001 UJ	0.0053 J	0.0297 J	<0.005 UJ	<0.001 UJ	0.0129 J	<0.005 UJ	<0.005 UJ	<0.001 UJ	0.008 J	0.0037 J J	<0.005 UJ	0.0662 J	0.0047 J	0.0708		
	P93B-ROX-101514	10/15/2014		45.15	NE	<0.5	<2.5	<2.5 UJ	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<0.5	<0.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<0.5	<0.5	<0.5	
	P93B-ROX-012315	1/23/2015		47.24	NE	<1	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<5	<1	<1	<1	
	P93B-ROX-012315-DUP	1/23/2015		47.24	NE	<1	<5	<5	<5	<5	<1	<5	<5	<5	<1	<1	<5	<5	<1	<5	<5	<5	<5	<1	<1	<1	
	P93B-ROX-021915	2/19/2015		47.24	NE	<0.5	<1	<5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<5	<1	<0.5	<1.5	
	P93B-ROX-041615	4/16/2015		48.42	NE	0.0947	<0.005	<0.005 UJ	0.0226	<0.005	<0.001	0.0033 J J	0.0286	<0.005	0.00073 J	0.111	<0.005	<0.005	<0.001	0.0124	0.0043 J	<0.005	0.0993	0.0378	0.137		
	P93B-ROX-041615-DUP	4/16/2015		48.42	NE	0.249 J	<5	<5 UJ	<5	<5	<1	<5 UJ	<5	<5	0.216 J	<1	<5	<5	<1	<5	<5	<5	<5	<1	<1	0.338 J	
	P93B-ROX-070915	7/9/2015		47.74	NE	<5	<25	<25	<25	<25	<5	<25	<25	<25	<5	<5	<25	<25	<5	<25	<25	<25	<25	<5	<5	<5	
	P93B-ROX-070915-DUP	7/9/2015		47.74	NE	<2	<10	<10	<10	<10	<2	7.01 J	<10	<10	<2	<2	<10	<10	<2	<10	<10	<10	<10	<2	<2	<2	
	P93B-ROX-101515	10/15/2015		45.18	NE	<2.5	<13	<63	<2.5	<63	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<63	<13	<13	<13	
	P93B-ROX-011316	1/13/2016		44.96	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<5	
	P93B-ROX-041916	4/19/2016		44.54	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<5	
	P93B-ROX-071516	7/15/2016		43.65	NE	<1	<5	<25	<1	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<25	<5	<5	<10	
	P93B-ROX-101816	10/18/2016		42.73	NE	<0.5	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5	
	P93B-ROX-011017	1/10/2017		42.41	NE	<0.5	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5	
	P93B-ROX-011017-DUP	1/10/2017		42.41	NE	<0.5	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5	
P93B-ROX-040617	4/6/2017	42.59	NE	<0.5	<2.5	<13	<0.5	<13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<13	<2.5	<2.5	<5			

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																				
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Napthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹		
						Analytical Results (mg/L)																				
P-93C	P93C-ROX-071714	7/17/2014	94.26 - 96.26	45.61	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0061 J	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	P93C-ROX-101514	10/15/2014		44.99	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0046	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001
	P93C-ROX-011915	1/19/2015	92.47 - 97.47	48.22	NE	<0.1	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1
	P93C-ROX-021915	2/19/2015		48.22	NE	<1	<2	<10	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<2	<2	<10	<2	<1	<3
	P93C-ROX-041615	4/16/2015		48.22	NE	<0.1	<0.5	<0.5 UJ	<0.5	<0.5	<0.1	<0.5 UJ	<0.5	<0.5	<0.1	0.0295 J	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1
	P93C-ROX-071315	7/13/2015		47.09	NE	0.00047 J	<0.005	<0.005	<0.005	<0.005	0.0016	<0.0037 U	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	0.00059 J	<0.005	<0.005	0.00095 J	<0.001	0.0011	
	P93C-ROX-101415	10/14/2015		44.91	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	P-93C-ROX-010816	1/8/2016		44.68	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005
	P93C-ROX-041816	4/18/2016		44.06	NE	0.00085 J	<0.005	<0.025	<0.001	<0.025	0.00099 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011	<0.001	<0.025	<0.005	<0.005	0.00067 J
	P93C-ROX-071216	7/12/2016		43.37	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0029	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
	P93C-ROX-101816	10/18/2016		42.49	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0026	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
	P93C-ROX-011117	1/11/2017		42.20	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0054	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
P93C-ROX-040517	4/5/2017	42.19	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0043	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
P-93D	P93D-ROX-071714	7/17/2014	125.75 - 127.75	45.78	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0011 J	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	P93D-ROX-101514	10/15/2014		45.14	NE	<0.01	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.01	0.0083 J	<0.05	<0.05	<0.01	<0.01	<0.01	
	P93D-ROX-110414	11/4/2014		45.14	NE	0.0013	<0.005	<0.005	<0.005	<0.005	0.002	<0.005	0.00067 J	<0.005	<0.001	0.0018	<0.005	<0.005	<0.001	0.00057 J	<0.005	<0.005	<0.001	<0.001	<0.001	
	P93D-ROX-012315	1/23/2015		42.28	NE	<0.25	<1.3	<1.3	<1.3	<1.3	<0.25	<1.3	<1.3	<1.3	<0.25	<0.25	<1.3	<1.3	<0.25	<1.3	<1.3	<1.3	<1.3	<0.25	<0.25	<0.25
	P93D-ROX-021915	2/19/2015		42.28	NE	<2.5	<5	<25	<2.5	<13	<2.5	<13	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<5	<25	<5	<2.5	<7.5
	P93D-ROX-042015	4/20/2015		48.52	NE	<0.1	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5 UJ	<0.5	<0.5	<0.1	<0.1	<0.5 UJ	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1
	P93D-ROX-070915	7/9/2015		47.96	NE	<0.5	<2.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<0.5	<0.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<0.5	<0.5	<0.5
	P93D-ROX-101515	10/15/2015		45.28	NE	<0.1	<0.5	<2.5	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<2.5	<0.5	<0.5	0.081 J
	P93D-ROX-011316	1/13/2016		45.10	NE	<0.1	<0.5	<2.5	<0.1	<2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<2.5	<0.5	<0.5	<0.5
	P93D-ROX-041916	4/19/2016		44.61	NE	<0.05	<0.25	<1.3	<0.05	<1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<1.3	<0.25	<0.25	<0.25
	P93D-ROX-071516	7/15/2016		43.83	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
	P93D-ROX-101716	10/17/2016		42.78	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0026	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01
P93D-ROX-011017	1/10/2017	42.59	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.0023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
P93D-ROX-040617	4/6/2017	42.80	NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01		
P-114	P114-ROX-071814	7/18/2014	32.67 - 52.67	30.87	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0037	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	P114-ROX-101714	10/17/2014		29.43	NE	0.00045 J J	<0.005	<0.005	<0.005	<0.005	0.0098 J	<0.005	0.00087 J J	<0.005	<0.001	<0.001	<0.005 UJ	<0.005	<0.001	<0.005	0.00043 J J	<0.005 UJ	0.00059 J J	<0.001	0.00059 J J	
	P114-ROX-012115	1/21/2015		31.53	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0268 J	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	0.00046 J J	<0.005	<0.005	0.00068 J J	<0.001	0.00093 J J	
	P114-ROX-041715	4/17/2015		NM	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0237	<0.005 UJ	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
	P114-ROX-070815	7/8/2015		29.16	NE	<0.001	<0.005	<0.005	<0.005	<0.005	0.0265	0.002 J	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	
P-114R	P114R-ROX-100515	10/5/2015	23.01 - 33.01	28.15	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	P114R-ROX-010716	1/7/2016		NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.00091 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	P114R-ROX-040816	4/8/2016		NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.00084 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.005	
	P114R-ROX-070816	7/8/2016		NE	<0.001	<0.005	<0.025	<0.001	<0.025	0.00082 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
	P114R-ROX-100716	10/7/2016																								

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																			
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.007 ³	0.035 ³	0.7 ¹	0.56 ³	0.07 ¹	0.14 ¹	0.7 ³	0.1 ¹	0.005 ¹	1.0 ¹	0.0056 ³	0.07 ¹	0.005 ¹		0.07 ³	7.0 ²	10 ¹	10 ¹	
						Analytical Results (mg/L)																			
ROST-3-MW	ROST3MW-ROX-071414	7/14/2014	37.81 - 47.81	41.88	NE	0.008	<0.005	<0.005	0.00053 J	<0.005	<0.001	0.0045 J	0.00098 J	<0.005	<0.001	0.0024	<0.005	<0.005	<0.001	0.0132	0.0032 J	<0.005	0.0371	0.0041	0.0412
	ROST3MW-ROX-100914	10/9/2014		41.31	NE	0.0398	<0.005	<0.005	0.0021 J	<0.005	<0.001 UJ	0.0061	0.0028 J	<0.005	<0.001	0.0032	<0.005	<0.005	<0.001	0.018	0.005	<0.005 UJ	0.0651	0.0205	0.0856
	ROST3MW-ROX-011515	1/15/2015		41.83	NE	0.0144	<0.005	<0.005	0.0016 J	<0.005	<0.001	0.0061	0.0021 J	<0.005	<0.001	0.0011	<0.005	<0.005	<0.001	0.0126	0.0036 J	<0.005	0.0166	0.0042	0.0209
	ROST3MW-ROX-041315	4/13/2015		43.43	NE	0.0085	<0.005	<0.005	0.0014 J J	<0.005	<0.001	<0.005 UJ	0.0015 J J	<0.005	<0.001	0.0008 J	<0.005	<0.005	<0.001	0.0055 J	0.00068 J	<0.005	0.0015	0.0029	0.0044
	ROST3MW-ROX-071315	7/13/2015		42.36	NE	0.02	<0.00071 U	<0.005	0.00093 J	<0.005	<0.001	0.0052 J	0.0012 J	<0.005	<0.001	0.0027	<0.0015 U	<0.0013 U	<0.001	0.0059	0.00061 J	0.0583	0.0263	0.0065	0.0328
	ROST3MW-ROX-101215	10/12/2015		40.29	NE	0.06	<0.005	<0.025	0.0023	<0.025	<0.001	0.008	0.0029	<0.001	<0.001	0.0036	<0.001	<0.001	<0.001	0.02	0.0045	<0.025	0.13	0.024	0.16
	ROST3MW-ROX-011416	1/14/2016		40.30	NE	0.027	<0.005	<0.025	0.0016	<0.025	<0.001	0.0071	0.0018	<0.001	<0.001	0.0016	<0.001	<0.001	<0.001	0.008	0.0015	<0.025	0.04	0.0077	0.047
	ROST3MW-ROX-041216	4/12/2016		39.69	NE	0.0011	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	0.00064 J
	ROST3MW-ROX-071416	7/14/2016		38.70	NE	0.0042	<0.005	<0.025	0.00055 J	<0.025	<0.001	0.0035	<0.001	<0.001	<0.001	0.0015	<0.001	<0.001	<0.001	0.0029	<0.001	<0.025	0.0042 J	0.0017 J	0.0058 J
	ROST3MW-ROX-101316	10/13/2016		38.19	NE	0.036	<0.005	<0.025	0.0021	<0.025	<0.001	0.0078	0.0031	<0.001	<0.001	0.0016	<0.001	<0.001	<0.001	0.022	0.0032	<0.025	0.044	0.0083	0.053
ROST3MW-ROX-011117	1/11/2017	37.50	NE	0.0058	<0.005	<0.025	0.00089 J	<0.025	<0.001	0.0015	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0026	<0.001	<0.025	0.0016 J	<0.005	0.0021 J		
ROST3MW-ROX-041417	4/14/2017	38.07	NE	<0.001	<0.005	<0.025	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.005	<0.005	<0.01	
ROST-4-PZ(C)	ROST4C-ROX-071114	7/10/2014	34.95 - 44.95	42.22	NE	0.0594	<0.005	<0.005	0.00037 J	<0.005	<0.001	0.0104 J	<0.005	<0.005	<0.001	0.0421	<0.005 UJ	<0.005	<0.001	0.00082 J	<0.005	<0.005	0.0574	0.0815	0.139
	ROST4PZC-ROX-100914	10/9/2014		41.30	NE	0.0688	<0.005	<0.005	0.0011 J	<0.005	<0.001 UJ	0.0169	0.0011 J	<0.005	<0.001	0.0196	<0.005	<0.005	<0.001	0.0046 J	0.00047 J	<0.005 UJ	0.112	0.0634	0.176
	ROST4PZC-ROX-011515	1/15/2015		41.65	NE	0.0035	<0.005	<0.005	0.00036 J	<0.005	<0.001	<0.005	0.00056 J	<0.005	<0.001	0.0005 J	<0.005	<0.005	<0.001	0.0011 J	<0.005	<0.005	0.0026	0.0031	0.0057
	ROST4PZC-ROX-041315	4/13/2015		43.00	NE	0.0806	<0.005	<0.005	0.0013 J J	<0.005	<0.001	0.0146 J	0.0013 J J	<0.005	<0.001	0.0313	<0.005	<0.005	<0.001	0.0052 J	0.00075 J	<0.005	0.148	0.0203	0.168
	ROST4PZC-ROX-071315	7/13/2015		42.59	NE	0.159	<0.005	<0.005	0.0037 J	<0.005	<0.001	0.0806	0.0053	<0.005	<0.001	0.0456	<0.005	<0.005	<0.001	0.0334	0.0052	<0.005	0.4	0.0302	0.43
	ROST4PZC-ROX-101215	10/12/2015		40.35	NE	0.15	<0.005	<0.025	0.0051	<0.025	<0.001	0.082	0.0059	<0.001	<0.001	0.042	<0.001	<0.001	<0.001	0.036	0.0066	<0.025	0.53	0.036	0.57
	ROST4PZC-ROX-011516	1/15/2016		40.54	NE	0.036	<0.01	<0.05	0.0044	<0.05	<0.002	0.071	0.006	<0.002	<0.002	0.03	<0.002	<0.002	<0.002	0.037	0.004	<0.05	0.17	0.02	0.19
	ROST4PZC-ROX-041316	4/13/2016		39.61	NE	0.067	<0.01	<0.05	0.0073	<0.05	<0.002	0.12	0.01	<0.002	<0.002	0.039	<0.002	<0.002	<0.002	0.063	0.013	<0.05	0.49	0.014	0.51
	ROST4PZC-ROX-071516	7/15/2016		38.93	NE	0.047	<0.01	<0.05	0.0089	<0.05	<0.002	0.1	0.012	<0.002	<0.002	0.029	<0.002	<0.002	<0.002	0.065	0.018	<0.05	0.27	0.0065 J	0.28
	ROST4PZC-ROX-101316	10/13/2016		38.45	NE	0.089	<0.01	<0.05	0.0049	<0.05	<0.002	0.087	0.0074	<0.002	<0.002	0.023	<0.002	<0.002	<0.002	0.039	0.01	<0.05	0.26	0.0048 J	0.27
ROST4PZC-ROX-011217	1/12/2017	37.88	NE	0.061	<0.005	<0.025	0.0064	<0.025	<0.001	0.081	0.0098	<0.001	<0.001	0.017	<0.001	<0.001	0.00055 J	0.048	0.011	<0.025	0.13	0.0059	0.14		
ROST4PZC-ROX-041717	4/17/2017	38.36	NE	0.088	<0.01	<0.05	0.0073	<0.05	<0.002	0.12	0.012	<0.002	<0.002	0.028	<0.002	<0.002	<0.002	0.074	0.013	<0.05	0.3	0.007 J	0.31		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						VOCs																			
Screening Values (mg/L)						Ethylbenzene	Hexachlorobutadiene	2-Hexanone (Methyl N-Butyl Ketone)	Isopropylbenzene (Cumene)	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	Methyl tert-Butyl Ether (MTBE)	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m,p-Xylenes	o-Xylenes	Xylenes (total)
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																			
T-12	T12-ROX-070814	7/8/2014	46.72 - 72.72	45.13	NE	0.614	<0.005	<0.005	0.0577 J	<0.005	<0.001	0.146	0.0912	<0.005	<0.001	0.686	<0.005	<0.005	<0.001	0.425	0.0589	<0.005	1.25	0.0909	1.3
	T12-ROX-101714	10/17/2014		44.40	NE	1.75	<0.05	<0.05	0.0459 J	<0.05	<0.01	0.184 J	0.0707	<0.05	<0.01	0.722	<0.05 UJ	<0.05	<0.01	0.244	0.0391 J	<0.05 UJ	2.25	0.114	2.36
	T12-ROX-011915	1/19/2015	46.83 - 72.83	45.27	NE	0.596	<0.05	<0.05	0.0432 J	<0.05	0.0033 J	0.196	0.0745	<0.05	<0.01	0.337	<0.05	<0.05	<0.01	0.391	0.0521	<0.05	1.3	0.0747	1.38
	T12-ROX-041515	4/15/2015		46.73	NE	1.34	<0.005	<0.005	0.0662	<0.005	<0.001	0.131 J	0.117	<0.005	<0.001	0.658	<0.005	<0.005	<0.001	0.331	0.0543	<0.005	1.62	0.177	1.62
	T12-ROX-071015	7/10/2015		46.09	NE	0.197	<0.05	<0.05	0.0222 J	<0.05	<0.01	0.0798	0.0455 J	<0.05	<0.01	0.0782	<0.05	<0.05	<0.01	0.185	0.0173 J	<0.05	0.594	0.0097 J	0.603
	T12-ROX-101515	10/15/2015		43.72	NE	0.2	<0.05	<0.25	0.034	<0.25	<0.01	0.081	0.055	<0.01	<0.01	0.096	<0.01	<0.01	<0.01	0.15	0.016	<0.25	0.55	0.008 J	0.56
	T12-ROX-011216	1/12/2016		44.13	NE	0.098	<0.05	<0.25	0.015	<0.25	0.037	0.1	0.019	<0.01	<0.01	0.084	<0.01	<0.01	<0.01	0.13	0.014	<0.25	0.45	0.0074 J	0.46
	T12-ROX-041516	4/15/2016		42.07	NE	0.023	<0.025	<0.13	0.015	<0.13	<0.005	0.064	0.021	<0.005	<0.005	0.053	<0.005	<0.005	<0.005	0.053	0.0094	<0.13	0.21	0.0045 J	0.22
	T12-ROX-071216	7/12/2016		41.50	NE	0.15	<0.05	<0.25	0.026	<0.25	<0.01	0.058	0.04	<0.01	<0.01	0.064	<0.01	<0.01	<0.01	0.051	0.011	<0.25	0.16	0.0079 J	0.16
	T12-ROX-101716	10/17/2016		41.19	NE	0.12	<0.05	<0.25	0.014	<0.25	0.023	0.09	0.022	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	0.063	0.0073 J	<0.25	0.37	0.0082 J	0.38
	T12-ROX-011217	1/12/2017		40.70	NE	0.051	<0.05	<0.25	0.012	<0.25	0.041	0.054	0.02	<0.01	<0.01	0.065	<0.01	<0.01	<0.01	0.046	0.009 J	<0.25	0.22	0.008 J	0.23
	T12-ROX-040617	4/6/2017		46.83 - 72.83	41.18	NE	0.02	<0.05	<0.25	0.0072 J	<0.25	0.029	0.016	0.012	<0.01	<0.01	0.032	<0.01	<0.01	<0.01	0.015	<0.01	<0.25	0.066	<0.05

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																			
Screening Values (mg/L)						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²	
Analytical Results (mg/L)						Analytical Results (mg/L)																			
MW-04	MW4-ROX-071614	7/16/2014	46.06 - 56.06	40.18	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	0.00038 J	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	MW4-ROX-101614	10/16/2014		39.49	NE	<0.00012	<0.00012	<0.00012	<0.000059	<0.00012	<0.000059	<0.00012	<0.00012	<0.00012	<0.012	<0.012	<0.0059	<0.0059	<0.0024	<0.0059	<0.00012	<0.00012	<0.0024	<0.0059	<0.012
	MW4-ROX-012115	1/21/2015		41.27	NE	0.000019 J	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	MW4-ROX-042115	4/21/2015	45.06 - 55.06	42.58	NE	0.000027 J	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01
	MW4-ROX-071415	7/14/2015		41.30	NE	0.000023 J	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	MW4-ROX-101915	10/19/2015		39.44	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW4-ROX-011316	1/13/2016		39.10	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002 UJ	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW4-ROX-041916	4/19/2016		38.50	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW4-ROX-071416	7/14/2016		37.85	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW4-ROX-100616	10/6/2016		37.18	NE	<0.0002	<0.0002 UJ	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
MW4-ROX-010917	1/9/2017	36.84	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0097	<0.0097	<0.0097	0.013	<0.0097	<0.00019	<0.00019	<0.0097	<0.0097	<0.0097		
MW4-ROX-041017	4/10/2017	45.06 - 55.06	36.93	NE	<0.0002	<0.0002	<0.0002	0.000047 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.031	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	0.000051 J	<0.01	<0.01	<0.01		
MW-05	MW5-ROX-071414	7/14/2014	33.97 - 43.97	28.59	NE	0.000075 J	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011	
	MW5-ROX-100914	10/9/2014		27.75	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW5-ROX-011515	1/15/2015		29.34	NE	0.00012	<0.00011	0.00007 J J	0.000035 J J	<0.00011	<0.000053	0.00002 J J	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	0.000025 J J	0.000017 J J	<0.0021	<0.0053	<0.011
	MW5-ROX-041315	4/13/2015		30.97	NE	0.000073 J	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	MW5-ROX-071315	7/13/2015		29.45	NE	0.000062 J	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW5-ROX-101215	10/12/2015		27.53	NE	<0.0002	<0.0002	<0.0002	<0.0002	0.00008 J	0.000088 J	0.000087 J	0.000088 J	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.000071 J	0.000078 J	<0.01	<0.01	<0.01
	MW5-ROX-011416	1/14/2016		27.19	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW5-ROX-040616	4/6/2016		26.80	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW5-ROX-070816	7/8/2016		26.28	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002 UJ	<0.01	<0.01	<0.01
	MW5-ROX-101016	10/10/2016		25.47	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029 UJ	<0.0098 UJ	0.00073 J	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098 UJ	<0.0098 UJ
MW5-ROX-010617	1/6/2017	25.33	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028 UJ	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.00019	<0.00019	<0.0093	<0.0093 UJ	<0.0093		
MW5-ROX-041217	4/12/2017	33.97 - 43.97	25.32	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.00019	<0.00019	<0.0096	<0.0096	<0.0096		
MW-06A	MW6A-ROX-071014	7/10/2014	34.83 - 44.83	30.75	NE	<0.00011	0.000075 J	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW6A-ROX-100814	10/8/2014		29.84	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	MW6A-ROX-011415	1/14/2015		31.54	NE	0.000089 J	0.00004 J	0.00006 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	MW6A-ROX-040715	4/7/2015		33.08	NE	0.000061 J	0.000085 J	0.000027 J	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	<0.002	<0.0051	<0.0001	<0.0001	<0.002	<0.0051	<0.01
	MW6A-ROX-071515	7/15/2015		31.52	NE	0.00011	<0.00011	0.000047 J	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011
	MW6A-ROX-100715	10/7/2015		29.77	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW6A-ROX-011116	1/11/2016		29.36	NE	0.00017 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW6A-ROX-040716	4/7/2016		29.07	NE	0.00012 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW6A-ROX-071116	7/11/2016		28.45	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW6A-ROX-101116	10/11/2016		27.51	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
MW6A-ROX-011017	1/10/2017	27.43	NE	<0.000																					

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																				
Screening Values (mg/L)						0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³											
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																				
						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol		
MW-07	MW7-ROX-071614	7/16/2014	42.92 - 52.92	42.05	NE	0.00024	<0.0001	<0.0001	<0.00005	<0.0001	<0.00005	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01		
	MW7-ROX-071614-DUP	7/16/2014		42.05	NE	0.00022	<0.0001	<0.0001	<0.00005	<0.0001	<0.00005	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	MW7-ROX-101614	10/16/2014		41.31	NE	0.00024	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011	
	MW7-ROX-101614-DUP	10/16/2014		41.31	NE	0.00022	<0.00011	<0.00011	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011	
	MW7-ROX-012215	1/22/2015		43.45	NE	0.00026	0.000051 J	0.000056 J J	<0.00005 U	0.000028 J	0.00013 J	0.000034 J	0.000026 J	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.000046 U	0.000025 J	<0.0001	0.000025 J	<0.0021	<0.0053	0.00072 J
	MW7-ROX-012215-DUP	1/22/2015		43.45	NE	0.00025	0.000044 J	0.000046 J	<0.000052	<0.0001	<0.000052 UJ	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	0.00039 J	<0.0052	<0.000021 U	<0.0001	<0.0021	<0.0052	0.00071 J	
	MW7-ROX-042115	4/21/2015		44.63	NE	0.00038	0.000059 J	0.000055 J	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	<0.002	<0.0051	0.000022 J	<0.0001	0.000028 J	<0.0051	0.0014 J	
	MW7-ROX-042115-DUP	4/21/2015		44.63	NE	0.00036	0.000053 J	0.00005 J	<0.000051	0.000024 J	<0.000051	0.000018 J	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	0.00033 J	<0.0051	0.000028 J	0.000016 J	<0.002	<0.0051	0.0012 J	
	MW7-ROX-071515	7/15/2015		43.54	NE	0.00027	0.000038 J	0.000038 J	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	0.00037 J	<0.0051	0.000033 J	<0.0001	<0.002	<0.0051	<0.01	
	MW7-ROX-071515-DUP	7/15/2015		43.54	NE	0.00025	0.000043 J	0.000039 J	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	0.000034 J	<0.0001	<0.0021	<0.0052	<0.01	
	MW7-ROX-101915	10/19/2015		41.43	NE	0.00012 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0043 J	
	MW7-ROX-101915-DUP	10/19/2015		41.43	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.011 J *	<0.01	<0.01	<0.01	0.0024 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0044 J	
	MW7-ROX-011416	1/14/2016		41.02	NE	0.00019 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.018 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0035 J	
	MW7-ROX-011416-DUP	1/14/2016		41.02	NE	0.00023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.022 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0036 J	
	MW7-ROX-041916	4/19/2016		40.68	NE	0.00024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.031	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0048 J	
	MW7-ROX-041916-DUP	4/19/2016		40.68	NE	0.00021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.021 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0042 J	
	MW7-ROX-071416	7/14/2016		39.99	NE	0.00031	0.000058 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW7-ROX-071416-DUP	7/14/2016		39.99	NE	0.00023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW7-ROX-100616	10/6/2016		39.24	NE	0.00017 J	<0.0002 UJ	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW7-ROX-100616-DUP	10/6/2016		39.24	NE	0.00016 J	<0.0002 UJ	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	0.0023 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0038 J
MW7-ROX-010917	1/9/2017	38.90	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01			
MW7-ROX-041017	4/10/2017	42.92 - 52.92	38.88	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.015 J *	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.00019	<0.00019	<0.0097	<0.0097	0.0051 J		
MW7-ROX-041017-DUP	4/10/2017	42.92 - 52.92	38.88	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.016 J *	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.00019	<0.00019	<0.0097	<0.0097	0.005 J		
MW-08	MW8-ROX-071614	7/16/2014	33.60 - 43.60	33.01	NE	0.00018	0.000068 J	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	0.00038 J	<0.0052	<0.0001	<0.0001	0.00041 J	0.00057 J	<0.01		
	MW8-ROX-101614	10/16/2014		32.23	NE	0.00021	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	0.0099 J		
	MW8-ROX-012215	1/22/2015		34.22	NE	0.00027	0.000073 J	0.000035 J	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	0.0172		
	MW8-ROX-042115	4/21/2015		35.41	NE	0.00018	0.000052 J	0.000034 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	0.00045 J	<0.0053	0.0201		
	MW8-ROX-071515	7/15/2015		34.07	NE	0.00018	<0.00011	0.000037 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	0.0171	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011		
	MW8-ROX-101915	10/19/2015		32.30	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0065 J	
	MW8-ROX-011416	1/14/2016		31.79	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.008 J		
	MW8-ROX-041916	4/19/2016		31.45	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.012		
	MW8-ROX-071416	7/14/2016		30.80	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW8-ROX-100616	10/6/2016		29.99	NE	<0.0002	<0.0002 UJ	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0035 J	
MW8-ROX-010917	1/9/2017	29.79	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	<0.0098			
MW8-ROX-041017	4/10/2017	33.60 - 43.60	29.80	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002						

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																			
Screening Values (mg/L)						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²	
						Analytical Results (mg/L)																			
MW-09	MW9-ROX-070914	7/9/2014	46.45 - 56.45	44.35	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	0.00036 J	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW9-ROX-100714	10/7/2014		43.52	NE	<0.00012	<0.00012	<0.00012	<0.000059	<0.00012	<0.000059	<0.00012	<0.00012	<0.012	<0.012	<0.0059	<0.0059	<0.0024	<0.0059	<0.00012	<0.00012	<0.0024	<0.0059	<0.012	
	MW9-ROX-011315	1/13/2015		44.21	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01 UJ	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	MW9-ROX-040915	4/9/2015		45.38	NE	0.00002 J	<0.0001	0.00002 J	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0026 U	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	MW9-ROX-070915	7/9/2015		44.81	NE	<0.00011	<0.00011	<0.00011	<0.000055	<0.00011	<0.000055	<0.00011	<0.00011	<0.011	<0.011	<0.0055	<0.0055	<0.0022	<0.0055	<0.00011	<0.00011	<0.0022	<0.0055	<0.011	
	MW9-ROX-100815	10/8/2015		42.64	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW9-ROX-011316	1/13/2016		42.63	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002 UJ	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW9-ROX-041216	4/12/2016		41.98	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW9-ROX-071316	7/13/2016		40.93	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW9-ROX-101316	10/13/2016		40.39	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03 UJ	<0.01	<0.01	<0.01	0.0052 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
MW9-ROX-011117	1/11/2017	40.06	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028	<0.0093	<0.0093	<0.0093	<0.005 U	<0.0093	<0.00019	<0.00019	<0.0093	<0.0093	<0.0093		
MW9-ROX-041417	4/14/2017	40.56	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.00019	<0.00019	<0.0096	<0.0096 UJ	<0.0096		
MW-10	MW10-ROX-070914	7/9/2014	44.43 - 54.43	44.35	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	0.00052 J	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW10-ROX-100714	10/7/2014		43.58	NE	<0.00011	<0.00011	<0.00011	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011	
	MW10-ROX-011315	1/13/2015		44.27	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011 UJ	<0.0056	<0.0056	0.00042 J	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011	
	MW10-ROX-040815	4/8/2015		45.30	NE	<0.0001	<0.0001	<0.0001	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	<0.002	<0.0051	<0.0001	<0.0001	<0.002	<0.0051	<0.01	
	MW10-ROX-070915	7/9/2015		44.93	NE	0.000023 J	<0.00011	0.000039 J	0.000035 J	0.000022 J	0.000028 J	0.000027 J	0.000041 J J	<0.011	<0.011	<0.0054	<0.0054	0.00045 J	0.00028 J	0.000045 J	0.00002 J	<0.0022	<0.0054	<0.011	
	MW10-ROX-100915	10/9/2015		42.79	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW10-ROX-011316	1/13/2016		42.53	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002 UJ	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW10-ROX-041116	4/11/2016		41.88	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW10-ROX-071316	7/13/2016		41.00	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW10-ROX-101216	10/12/2016		40.27	NE	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.00021	<0.032 UJ	<0.011	<0.011	<0.011	<0.011	<0.011	<0.00021	<0.00021	<0.011	<0.011	<0.011
MW10-ROX-011117	1/11/2017	39.88	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.00019	<0.00019	<0.0093	<0.0093	<0.0093		
MW10-ROX-041417	4/14/2017	40.43	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0095	<0.0095	<0.0095	0.0025 J	<0.0095	<0.00019	<0.00019	<0.0095	<0.0095 UJ	<0.0095		
MW-11	MW11-ROX-070914	7/9/2014	41.66 - 51.66	41.75	NE	<0.00011	<0.00011	<0.00011	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011	
	MW11-ROX-100714	10/7/2014		40.89	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	MW11-ROX-011315	1/13/2015		41.93	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011 UJ	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW11-ROX-040815	4/8/2015		43.19	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW11-ROX-070915	7/9/2015		42.45	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW11-ROX-100815	10/8/2015		40.15	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	0.0068 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW11-ROX-011216	1/12/2016		40.33	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002 UJ	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW11-ROX-041116	4/11/2016		39.49	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW11-ROX-071316	7/13/2016		38.59	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	0.011	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW11-ROX-101216	10/12/2016		37.93	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029 UJ	<0.0098	<0.0098	<0.0098	0.0042 J	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	<0.0098
MW11-ROX-011117	1/11/2017	37.63	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028	<0.0093	<0.0093	<0.0093	0.0045 J	<0.0093	<0.00019</						

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																			
Screening Values (mg/L)						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²	
						Analytical Results (mg/L)																			
MW-12	MW12-ROX-070914	7/9/2014	41.92 - 51.92	41.97	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011	
	MW12-ROX-100614	10/6/2014		40.98	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	MW12-ROX-011215	1/12/2015		42.33	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.00011	<0.011	<0.011 UJ	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	MW12-ROX-040615	4/6/2015		43.75	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	MW12-ROX-070815	7/8/2015		42.86	NE	0.000018 J	<0.00011	<0.00011	0.000046 J	0.000067 J	0.000083	0.000081 J	0.00011 J	0.00011 J	<0.011 UJ	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	0.00008 J	<0.00011	<0.0022	<0.0056	<0.011
	MW12-ROX-100815	10/8/2015		40.54	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW12-ROX-100815-DUP	10/8/2015		40.54	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW12-ROX-011116	1/11/2016		40.98	NE	<0.0002	<0.0002	<0.0002	0.000085 J	0.00016 J	0.00035	0.00019 J	0.00014 J	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00028	<0.0002	<0.01	<0.01	<0.01
	MW12-ROX-040716	4/7/2016		39.82	NE	0.000069 J	<0.0002	<0.0002	<0.0002	0.000054 J	0.000064 J	0.000045 J	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW12-ROX-071216	7/12/2016		38.89	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW12-ROX-101116	10/11/2016		38.85	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.000061 J	<0.0002	<0.0002	0.0087 J	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW12-ROX-010917	1/9/2017		38.11	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	0.0028 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
MW12-ROX-041417	4/14/2017	38.29	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01 UJ	<0.01		
MW-13	MW13-ROX-070714	7/7/2014	25.57 - 35.57	28.49	NE	<0.00011	0.000061 J	<0.00011	<0.000055	<0.00011	<0.000055	<0.00011	<0.00011	<0.011	<0.011	<0.0055	<0.0055	<0.0022	<0.0055	<0.00011	<0.00011	<0.0022	<0.0055	<0.011	
	MW13-ROX-101014	10/10/2014		27.48	NE	<0.00012	0.00019	<0.00012	<0.00006	<0.00012	<0.00006	<0.00012	<0.00012	<0.012	<0.012	<0.006	<0.006	<0.0024	<0.006	<0.00012	<0.00012	<0.0024	<0.006	<0.012	
	MW13-ROX-011615	1/16/2015		29.09	NE	0.00014	0.00009 J	0.000053 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	0.00003 J	<0.00011	<0.0021	<0.0053	<0.011	
	MW13-ROX-041415	4/14/2015		30.71	NE	<0.00011	0.000075 J	0.000051 J	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	0.0013 J	
	MW13-ROX-070815	7/8/2015		29.16	NE	0.000089 J	0.000057 J	0.000028 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011	
	MW13-ROX-100515	10/5/2015		27.34	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW13-ROX-010716	1/7/2016		27.16	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW13-ROX-040816	4/8/2016		26.81	NE	0.00015 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW13-ROX-071116	7/11/2016		26.01	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW13-ROX100716	10/7/2016		25.16	NE	<0.0002	<0.0002 UJ	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW13-ROX-010617	1/6/2017		25.54	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03 UJ	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01 UJ	<0.01
	MW13-ROX-041317	4/13/2017		25.75	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01	<0.01
MW-14	MW14-ROX-070714	7/7/2014	33.42 - 43.42	32.82	NE	0.00033	0.000063 J	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	0.00048 J	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW14-ROX-101414	10/14/2014		31.65	NE	0.00054	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011	
	MW14-ROX-011615	1/16/2015		33.58	NE	0.00027	0.00006 J	0.000015 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011	
	MW14-ROX-041415	4/14/2015		35.16	NE	0.00026	0.000057 J	0.00003 J	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0052	<0.0052	<0.0021	<0.0052	<0.00011	<0.00011	<0.0021	<0.0052	<0.011	
	MW14-ROX-070915	7/9/2015		34.06	NE	0.0002	0.000051 J	0.000027 J	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01 UJ	<0.01	<0.0052	<0.0052	0.00051 J	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.011	
	MW14-ROX-101315	10/13/2015		31.88	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW14-ROX-010816	1/8/2016		31.64	NE	0.00015 J	<0.0002	<0.0002	<0.0002	0.000054 J	0.000046 J	0.000075 J	0.000048 J	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW14-ROX-041416	4/14/2016		31.32	NE	0.000074 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW14-ROX-071116	7/11/2016		30.59	NE	0.000059 J	0.00002 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW14-ROX-101416	10/14/2016		29.62	NE	0.000054 J *	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.00019	<0.00019	<		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																				
						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol		
						0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																				
MW-16	MW16-ROX-071014	7/10/2014	37.06 - 47.06	43.15	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011		
	MW16-ROX-100714	10/7/2014		42.27	NE	<0.00012	<0.00012	<0.00012	<0.00006	<0.00012	<0.00006	<0.00012	<0.00012	<0.012	<0.012	<0.006	<0.006	<0.0024	<0.006	<0.00012	<0.00012	<0.0024	<0.006	<0.012		
	MW16-ROX-011315	1/13/2015		43.59	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011 UJ	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011		
	MW16-ROX-040915	4/9/2015		44.87	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011		
	MW16-ROX-070915	7/9/2015		44.26	NE	0.000026 J	0.00002 J	<0.00011	<0.000055	<0.00011	<0.000055	<0.00011	<0.00011	<0.011	<0.011	<0.0055	<0.0055	<0.0022	<0.0055	<0.00011	<0.00011	<0.0022	<0.0055	<0.011		
	MW16-ROX-070915-DUP	7/9/2015		44.26	NE	<0.00011	<0.00011	0.000025 J	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011		
	MW16-ROX-100715	10/7/2015		41.83	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW16-ROX-011216	1/12/2016		41.99	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002 UJ	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW16-ROX-040816	4/8/2016		41.17	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW16-ROX-071216	7/12/2016		39.93	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW16-ROX-101116	10/11/2016		39.64	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.0099 UJ	<0.0099	<0.0099	<0.0099	<0.0099	<0.0002	<0.0002	<0.0099	<0.0099	<0.0099	
	MW16-ROX-010917	1/9/2017		39.15	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	<0.0098	
MW16-ROX-041417	4/14/2017	39.34	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.00019	<0.00019	<0.0097	<0.0097 UJ	<0.0097			
MW-22	MW22-ROX-071414	7/14/2014	37.88 - 47.88	41.85	NE	0.00013	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	0.00045 J	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	0.0281		
	MW22-ROX-101014	10/10/2014		41.43	NE	0.00029	0.00019	0.00019	<0.000063	<0.00013	<0.000063	<0.00013	<0.00013	<0.013	<0.013	<0.0063	<0.0063	<0.0025	<0.0063	<0.00013	<0.00013	<0.0025	<0.0063	<0.013		
	MW22-ROX-011615	1/16/2015		42.19	NE	0.00015	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	0.0329		
	MW22-ROX-041415	4/14/2015		43.71	NE	0.00014	<0.0001	0.000027 J	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	0.0143		
	MW22-ROX-071515	7/15/2015		42.64	NE	0.00013	0.000028 J	<0.00011	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.057	<0.057	<0.029	<0.029	<0.011	<0.029	<0.00011	<0.00011	<0.011	<0.029	<0.057		
	MW22-ROX-101415	10/14/2015		40.54	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.015		
	MW22-ROX-011516	1/15/2016		40.42	NE	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.02 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002	<0.01	<0.01	0.021	
	MW22-ROX-011516-DUP	1/15/2016		40.42	NE	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.018 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002	<0.01	<0.01	0.019	
	MW22-ROX-041316	4/13/2016		39.56	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	0.0023 J H J	<0.01 UJ	<0.0002	<0.0002	<0.01 UJ	0.0041 J H J	0.035 H J	
	MW22-ROX-041316-DUP	4/13/2016		39.56	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	0.0031 J	0.037	
	MW22-ROX-071516	7/15/2016		38.97	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	0.0055 J J	0.0071 J	
	MW22-ROX-071516-DUP	7/15/2016		38.97	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW22-ROX-101716	10/17/2016		38.17	NE	<0.00098	<0.00098	<0.00098	<0.00098	<0.00098	<0.00098	<0.00098	<0.00098	<0.00098	<0.029	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.00098	<0.00098	<0.0098	<0.0098	0.035	
	MW22-ROX-011217	1/12/2017		37.80	NE	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	0.028 *	<0.0093	<0.0093	<0.0093	0.0024 J	<0.0093	<0.00093	<0.00093	<0.0093	<0.0093	<0.0093	
	MW22-ROX-011217-DUP	1/12/2017		37.80	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.031 *	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01	<0.01	
MW22-ROX-041717	4/17/2017	38.09	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.00019	<0.00019	<0.0095	<0.0095	0.0046 J			
MW22-ROX-041717-DUP	4/17/2017	38.09	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.00019	<0.00019	<0.0096	<0.0096	0.0053 J			
MW-23	MW23-ROX-012615	1/26/2015	29.02 - 39.02	30.90	NE	<0.001	<0.001	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.05	<0.005	<0.005	<0.005	<0.005	<0.0002	<0.0002	<0.005	<0.005	<0.005			
	MW23-ROX-040815	4/8/2015		32.24	NE	0.000076 J	<0.0001	0.000058 J	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	<0.002	<0.0051	0.000028 J	<0.0001	<0.002	<0.0051	<0.01		
	MW23-ROX-071015-BP	7/10/2015		30.54	NE	0.000036 J	<0.00011	0.000033 J	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	0.000018 J	<0.00011	<0.0022	<0.0056	<0.011		
	MW23-ROX-100515	10/5/2015		28.89	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01		
	MW-23-ROX-010716	1/7/2016		28.78	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002					

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																				
						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Butyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol		
						0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																				
MW-24	MW24-ROX-071114	7/10/2014	38.89 - 48.89	42.97	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011		
	MW24-ROX-100814	10/8/2014		42.16	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	MW24-ROX-011315	1/13/2015		43.17	NE	0.000074 J	0.000077 J	0.000022 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011 UJ	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011	
	MW24-ROX-040915	4/9/2015		44.45	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0003 U	<0.00011	<0.00011	<0.0021	<0.0053	<0.011	
	MW24-ROX-070915	7/9/2015		44.65	NE	<0.0001	<0.0001	0.000044 J	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	MW24-ROX-100715	10/7/2015		41.45	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW24-ROX-011316	1/13/2016		41.44	NE	<0.0002	<0.0002	<0.0002	0.000078 J	0.000059 J	0.00006 J	0.000067 J J	0.000096 J	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.000092 J	0.000081 J	<0.01	<0.01	<0.01	
	MW24-ROX-040816	4/8/2016		40.79	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW24-ROX-071216	7/12/2016		39.67	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW24-ROX-101116	10/11/2016		39.19	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW24-ROX-010917	1/9/2017		38.97	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0002	<0.0002	<0.0099	<0.0099	<0.0099	
MW24-ROX-041717	4/17/2017	38.89 - 48.89	39.27	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0002	<0.0002	<0.0099	<0.0099	<0.0099			
MW-25	MW25-ROX-102114	10/21/2014	35.59 - 45.59	36.44	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	0.0025 J		
	MW25-ROX-012215	1/22/2015		38.45	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	0.00059 J	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01		
	MW25-ROX-042115	4/21/2015		39.71	NE	0.000032 J	<0.0001	0.000016 J	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	<0.002	<0.0051	<0.0001	<0.0001	<0.002	<0.0051	<0.01		
	MW25-ROX-071515	7/15/2015		38.40	NE	0.000036 J	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01		
	MW25-ROX-101915	10/19/2015		36.55	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01		
	MW25-ROX-011416	1/14/2016		36.12	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW25-ROX-041916	4/19/2016		35.67	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01		
	MW25-ROX-071816	7/18/2016		35.19	NE	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.03 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	<0.0002 UJ	<0.0002 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	
	MW25-ROX-100616	10/6/2016		34.27	NE	<0.0002	<0.0002 UJ	<0.0002 UJ	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW25-ROX-011117	1/11/2017		34.00	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0097	<0.0097	<0.0097	0.0034 J	<0.0097	<0.00019	<0.00019	<0.0097	<0.0097	<0.0097	
	MW25-ROX-041117	4/11/2017		35.59 - 45.59	34.31	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.00019	<0.00019	<0.0095	<0.0095	<0.0095	
MW-26	MW26-ROX-102114	10/21/2014	38.15 - 48.15	39.43	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011		
	MW26-ROX-011215	1/12/2015		41.09	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01 UJ	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01		
	MW26-ROX-040815	4/8/2015		42.52	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01		
	MW26-ROX-070815	7/8/2015		41.76	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011		
	MW26-ROX-100615	10/6/2015		39.19	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01		
	MW26-ROX-010716	1/7/2016		39.55	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW26-ROX-040616	4/6/2016		38.44	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW26-ROX-071216	7/12/2016		37.74	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
	MW26-ROX-101016	10/10/2016		37.13	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	0.0031 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	
	MW26-ROX-010617	1/6/2017		36.74	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028 UJ	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.00019	<0.00019	<0.0093	<0.0093 UJ	<0.0093	
	MW26-ROX-041417	4/14/2017		38.15 - 48.15	36.91	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01 UJ	<0.01	
MW-27	MW27-ROX-102114	10/21/2014	39.79 - 49.79	41.57	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053															

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																			
Screening Values (mg/L)						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²	
						Analytical Results (mg/L)																			
MW-28	MW28-ROX-102114	10/21/2014	33.61 - 43.61	36.44	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011	
	MW28-ROX-011515	1/15/2015		41.14	NE	<0.00011	<0.00011	<0.00011	<0.000055	<0.00011	<0.000055	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0055	<0.0055	<0.0022	0.0007 J	<0.00011	<0.00011	<0.0022	<0.0055	0.0012 J
	MW28-ROX-041415	4/14/2015		42.34	NE	<0.00011	<0.00011	<0.00011	<0.000057	0.000027 J	0.00006	0.00004 J	0.00002 J	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011	
	MW28-ROX-071515	7/15/2015		42.19	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	MW28-ROX-101215	10/12/2015		40.04	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW28-ROX-101215-DUP	10/12/2015		40.04	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW28-ROX-011416	1/14/2016		39.98	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW28-ROX-041216	4/12/2016		39.20	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW28-ROX-071416	7/14/2016		38.49	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	MW28-ROX-101316	10/13/2016		37.86	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029 UJ	<0.0098	<0.0098	<0.0098	0.0032 J	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	<0.0098
MW28-ROX-011217	1/12/2017	37.14	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.014 J *	<0.0093	<0.0093	<0.0093	<0.0093	<0.00019	<0.00019	<0.0093	<0.0093	<0.0093		
MW28-ROX-041717	4/17/2017	33.61 - 43.61	38.02	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.0099	<0.0099	<0.0099	<0.0099	<0.0002	<0.0002	<0.0099	<0.0099	<0.0099		
P-54	P54-ROX-071114	7/10/2014	38.00 - 63.00	41.71	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	P54-ROX-100814	10/8/2014		40.88	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	P54-ROX-011415	1/14/2015		41.79	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	P54-ROX-041015	4/10/2015		43.20	NE	<0.00011	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	P54-ROX-070915	7/9/2015		42.25	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01
	P54-ROX-100915	10/9/2015		40.20	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P54-ROX-011216	1/12/2016		40.22	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002 UJ	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P54-ROX-041216	4/12/2016		39.42	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P54-ROX-071216	7/12/2016		38.44	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	0.0024 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P54-ROX-101216	10/12/2016		37.85	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029 UJ	<0.0098	<0.0098	<0.0098	0.006 J	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	<0.0098
P54-ROX-010917	1/9/2017	37.80	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01		
P54-ROX-041717	4/17/2017	38.00 - 63.00	38.10	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.0027 U	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01	
P-56	P56-ROX-070814	7/8/2014	40.82 - 65.82	45.97	NE	0.00035	0.000081 J	0.0001 J	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	0.00049 J	<0.0056	<0.011	
	P56-ROX-101314	10/13/2014		45.05	NE	0.00057	0.00011	0.00012	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	0.001 J	<0.0054	<0.00011	<0.00011	0.00055 J	<0.0054	<0.011
	P56-ROX-011915	1/19/2015		46.58	NE	0.00068	0.000079 J	0.000097 J	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011
	P56-ROX-041515	4/15/2015		48.05	NE	0.00061	0.0001 J	0.00013	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	0.00038 J	<0.0054	<0.00011	<0.00011	0.00055 J	<0.0054	0.0026 J
	P56-ROX-071015	7/10/2015		47.34	NE	0.00065	0.000095 J	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	P56-ROX-101415	10/14/2015		44.85	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.028 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P56-ROX-011116	1/11/2016		44.78	NE	0.00057	0.000092 J	0.00021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	0.0089 J	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P56-ROX-041416	4/14/2016		43.73	NE	0.00069	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	0.00054 J	<0.01	<0.01
	P56-ROX-071216	7/12/2016		42.87	NE	0.00026	<0.0002	0.000067 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	0.0023 J	<0.01	<0.0002	<0.0002	<0.01	<0.01
	P56-ROX-101716	10/17/2016		42.35	NE	0.00043	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
P56-ROX-011217	1/12/2017	42.01	NE	0.00061	0.0001 J	0.00007 J	<0.00019	<0.000																	

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																			
Screening Values (mg/L)						0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																			
						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethoxy)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol	
P-66	P66-ROX-070714	7/7/2014	34.72 - 59.72	35.60	NE	0.00033	0.00016	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011	
	P66-ROX-101414	10/14/2014		34.48	NE	0.00045	0.00018	<0.00011	<0.000055	<0.00011	<0.000055	<0.00011	<0.00011	<0.00011	<0.011	<0.011	<0.0055	<0.0055	<0.0022	<0.0055	<0.00011	<0.00011	0.0012 J	<0.0055	<0.011
	P66-ROX-011615	1/16/2015		36.62	NE	0.00067	0.00026	0.000065 J J	0.00003 J J	<0.00011 UJ	<0.000053 UJ	<0.00011	<0.00011 UJ	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	0.000029 J J	<0.00011	<0.0021	<0.0053	<0.011	
	P66-ROX-011615-DUP	1/16/2015		36.62	NE	0.00068	0.00027	0.00031 J	0.00043 J	0.0003 J	0.00032 J	0.00015	0.00023 J	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	0.00032 J	0.000062 J	<0.0022	<0.0054	<0.011	
	P66-ROX-041415	4/14/2015		38.27	NE	0.0006	0.00022	<0.00011	<0.000054	0.000019 J	0.000055	0.000022 J	0.000021 J	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	0.000024 J	<0.00011	0.0016 J	<0.0054	<0.011	
	P66-ROX-041415-DUP	4/14/2015		38.27	NE	0.00066	0.00021	0.000044 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	0.0016 J	<0.0053	<0.011	
	P66-ROX-070815	7/8/2015		37.24	NE	0.00054	0.00017	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	0.001 J	<0.0053	<0.011	
	P66-ROX-070815-DUP	7/8/2015		37.24	NE	0.00051	0.00021	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011 UJ	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	0.000017 J	<0.00011	0.0011 J	<0.0053	<0.011	
	P66-ROX-101315	10/13/2015		34.84	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P-66-ROX-010816	1/8/2016		34.64	NE	0.00071	0.00022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	0.0012 J	<0.01	<0.01
	P66-ROX-041516	4/15/2016		34.33	NE	0.00039	<0.0002	<0.0002	<0.0002	0.00004 J	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	0.0014 J	<0.01	<0.01
	P66-ROX-071116	7/11/2016		33.58	NE	0.0006 J	0.00028 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.01	0.0019 J	<0.01
	P66-ROX-101416	10/14/2016		32.61	NE	0.001 *	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	0.019 J H J	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.00095	<0.00095	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ
	P66-ROX-011117	1/11/2017		32.41	NE	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.029	<0.0097	<0.0097	<0.0097	0.0026 J	<0.0097	<0.0097	<0.00097	<0.00097	<0.0097	<0.0097	<0.0097
P66-ROX-041317	4/13/2017	32.19	NE	0.00041	0.00014 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	<0.0098		
P-74	P74-ROX-070814	7/8/2014	44.43 - 69.43	43.02	NE	<0.00011	<0.00011	<0.00011	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011	
	P74-ROX-101414	10/14/2014		41.48	NE	<0.0001	<0.0001	<0.0001	<0.00005	<0.0001	<0.00005	<0.0001	<0.0001	<0.01	<0.01	<0.005	<0.005	<0.002	0.00096 J	<0.0001	<0.0001	<0.002	<0.005	<0.01	
	P74-ROX-011915	1/19/2015		43.47	NE	0.00018	0.000061 J	0.000046 J	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	0.02	
	P74-ROX-041515	4/15/2015		44.61	NE	<0.0001	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01	
	P74-ROX-071015	7/10/2015		43.28	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	P74-ROX-101415	10/14/2015		41.75	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.021
	P74-ROX-011116	1/11/2016		40.67	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P74-ROX-041516	4/15/2016		40.40	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P74-ROX-071216	7/12/2016		39.56	NE	0.000042 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	P74-ROX-101416	10/14/2016		39.44	NE	0.000064 J *	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ	<0.00019	<0.00019	<0.0095 UJ	<0.0095 UJ	<0.0095 UJ
P74-ROX-011217	1/12/2017	38.64	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.011 J *	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01		
P74-ROX-040717	4/7/2017	38.92	NE	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.031 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	<0.01 UJ	<0.00022	<0.00022	<0.01 UJ	<0.01 UJ	<0.01 UJ		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²
						Analytical Results (mg/L)																		
ROST-3-MW	ROST3MW-ROX-071414	7/14/2014	37.81 - 47.81	41.88	NE	<0.00011	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011
	ROST3MW-ROX-100914	10/9/2014		41.31	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	0.00046 J	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	ROST3MW-ROX-011515	1/15/2015		41.83	NE	0.000027 J	<0.00011	0.000019 J J	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	<0.0023	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011
	ROST3MW-ROX-041315	4/13/2015		43.43	NE	0.000028 J	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	<0.01
	ROST3MW-ROX-071315	7/13/2015		42.36	NE	0.000037 J	<0.00011	<0.00011	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	<0.011
	ROST3MW-ROX-101215	10/12/2015		40.29	NE	0.000081 J	<0.0002	0.00003 J	0.000092 J	0.000089 J	0.00011 J	0.000089 J	0.00012 J	<0.03	<0.01	<0.01	<0.01	0.0039 J	<0.01	0.000095 J	0.000094 J	<0.01	<0.01	<0.01
	ROST3MW-ROX-011416	1/14/2016		40.30	NE	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	ROST3MW-ROX-041216	4/12/2016		39.69	NE	0.00017 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002 UJ	<0.01	<0.01	<0.01
	ROST3MW-ROX-071416	7/14/2016		38.70	NE	0.000079 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01 UJ	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	ROST3MW-ROX-101316	10/13/2016		38.19	NE	0.00013 J	0.000023 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029 UJ	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098
ROST3MW-ROX-011117	1/11/2017	37.50	NE	0.00034	0.00008 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.00019	<0.00019	<0.0093	0.00068 J	<0.0093	
ROST3MW-ROX-041417	4/14/2017	37.81 - 47.81	38.07	NE	0.00027	0.000039 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.00019	<0.00019	<0.0095	<0.0095 UJ	<0.0095	
ROST-4-PZ(C)	ROST4C-ROX-071114	7/10/2014	34.95 - 44.95	42.22	NE	<0.0001	<0.0001	<0.0001	<0.00005	<0.0001	<0.00005	<0.0001	<0.0001	<0.011	<0.011	<0.0053	<0.0053	0.0007 J	<0.0053	<0.0001	<0.0001	<0.0021	<0.0053	<0.011
	ROST4PZC-ROX-100914	10/9/2014		41.30	NE	<0.00011	<0.00011	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011
	ROST4PZC-ROX-011515	1/15/2015		41.65	NE	<0.00011	<0.00011	<0.00011	<0.000057	<0.00011	<0.000057	<0.00011	<0.00011	<0.011	<0.011	<0.0057	<0.0057	0.0042	<0.0057	<0.00011	<0.00011	<0.0023	<0.0057	<0.011
	ROST4PZC-ROX-041315	4/13/2015		43.00	NE	<0.0001	<0.0001	0.000018 J	<0.000051	<0.0001	<0.000051	<0.0001	<0.0001	<0.01	<0.01	<0.0051	<0.0051	<0.002	<0.0051	<0.0001	<0.0001	<0.002	<0.0051	0.0013 J
	ROST4PZC-ROX-071315	7/13/2015		42.59	NE	0.000093 J	<0.0001	<0.0001	<0.000052	<0.0001	<0.000052	<0.0001	<0.0001	<0.01	<0.01	<0.0052	<0.0052	<0.0021	<0.0052	<0.0001	<0.0001	<0.0021	<0.0052	0.0028 J
	ROST4PZC-ROX-101215	10/12/2015		40.35	NE	0.00019 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	ROST4PZC-ROX-011516	1/15/2016		40.54	NE	0.00046 J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.002	<0.01	<0.01	0.0046 J
	ROST4PZC-ROX-041316	4/13/2016		39.61	NE	0.00051	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0072 J
	ROST4PZC-ROX-071516	7/15/2016		38.93	NE	0.00025	0.000041 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	0.0027 J	0.00084 J	<0.0002	<0.0002	<0.01	0.0014 J J	0.013
	ROST4PZC-ROX-101316	10/13/2016		38.45	NE	0.00099	0.0001 J	0.000048 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029 UJ	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.00019	<0.00019	0.00083 J	0.00074 J	<0.0096
ROST4PZC-ROX-011217	1/12/2017	37.88	NE	0.0014	0.00019	0.00021	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.028	<0.0094	<0.0094	<0.0094	<0.0094	<0.0094	<0.00019	<0.00019	0.00077 J	0.00084 J	<0.0094	
ROST4PZC-ROX-041717	4/17/2017	34.95 - 44.95	38.36	NE	0.0012	0.00016 J	0.00017 J	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.00019	<0.00019	<0.0097	0.00075 J	<0.0097	

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																			
						Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Benzyl alcohol	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)phthalate	Butyl benzyl phthalate	Chrysene (1,2-Benzophenanthracene)	Dibenzo(a,h)anthracene	Dibenzofuran	Diethyl phthalate	2,4-Dimethylphenol	
Screening Values (mg/L)						0.42 ¹	0.21 ³	2.1 ¹	0.00013 ¹	0.0002 ¹	0.00018 ¹	0.21 ³	0.00017 ¹	28 ¹	0.7 ³		0.01 ²	0.006 ²	1.4 ²	0.012 ¹	0.0003 ¹	0.007 ³	5.6 ¹	0.14 ²	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																			
T-12	T12-ROX-070814	7/8/2014	46.72 - 72.72	45.13	NE	0.00024	<0.00011	<0.00011	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	<0.011	
	T12-ROX-101714	10/17/2014		44.40	NE	0.00036	0.000072 J	<0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	<0.0022	<0.0056	<0.011	
	T12-ROX-011915	1/19/2015	46.83 - 72.83	45.27	NE	0.00039	0.000064 J	0.00013	<0.000053	<0.00011	<0.000053	<0.00011	<0.00011	<0.011	<0.011	<0.0053	<0.0053	<0.0021	<0.0053	<0.00011	<0.00011	<0.0021	<0.0053	0.0069 J	
	T12-ROX-041515	4/15/2015		46.73	NE	0.00036	0.000065 J	0.00011	<0.000056	<0.00011	<0.000056	<0.00011	<0.00011	<0.011	<0.011	<0.0056	<0.0056	<0.0022	<0.0056	<0.00011	<0.00011	0.00033 J	0.00036 J J	0.0044 J	
	T12-ROX-071015	7/10/2015		46.09	NE	0.00034	<0.00011	0.00015	<0.000054	<0.00011	<0.000054	<0.00011	<0.00011	<0.011	<0.011	<0.0054	<0.0054	<0.0022	<0.0054	<0.00011	<0.00011	<0.0022	<0.0054	0.0041 J	
	T12-ROX-101515	10/15/2015		43.72	NE	0.00022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.004 J
	T12-ROX-011216	1/12/2016		44.13	NE	0.00042	<0.0004	0.00015 J	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0004	<0.0004	<0.01	<0.01	<0.01
	T12-ROX-041516	4/15/2016		42.07	NE	0.00037	0.000062 J	0.000074 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	0.0037 J
	T12-ROX-071216	7/12/2016		41.50	NE	0.00035	0.000053 J	0.000083 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.0002	<0.01	<0.01	<0.01
	T12-ROX-101716	10/17/2016		41.19	NE	0.00038	0.000067 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	0.02
	T12-ROX-011217	1/12/2017		40.70	NE	0.00046	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.029	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0002	<0.0002	<0.0098	<0.0098	0.0047 J
	T12-ROX-040617	4/6/2017		46.83 - 72.83	41.18	NE	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.029	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.00019	<0.00019	<0.0096	<0.0096	<0.0096

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹	0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
						Analytical Results (mg/L)																		
MW-01	MW1-ROX-070914	7/9/2014	48.80 - 58.80	42.09	NE	0.0016 JB	<0.0054	<0.022 UJ	<0.025	<0.00011	<0.00011	<0.00011	0.000085 J	0.00012 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011	
	MW1-ROX-100614	10/6/2014		41.1	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011	<0.00011	<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053 UJ	<0.00011	<0.011
	MW1-ROX-011215	1/12/2015		42.73	NE	<0.0053	<0.0053	<0.021	<0.025	0.000017 J	0.000027 J	<0.00011	<0.00011	<0.00003 U	<0.000036 U	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00003 J	<0.0053	<0.00011	<0.011 UJ
	MW1-ROX-040615	4/6/2015		44.11	NE	0.00044 J	<0.0053	<0.021	<0.025 UJ	<0.00011	<0.00011	<0.00011	<0.00011	0.000018 J	0.000035 J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011
	MW1-ROX-070815	7/8/2015		43.35	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	<0.00011	<0.00011	<0.00011	<0.00011	0.000038 J	0.000066 J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000022 J	<0.0053	<0.00011	<0.011
	MW1-ROX-100615	10/6/2015		40.83	NE	<0.01	0.00056 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000057 J	0.000096 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW1-ROX-010816	1/8/2016		40.93	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	0.000062 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW1-ROX-041216	4/12/2016		40.35	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00005 J	0.000068 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW1-ROX-071416	7/14/2016		39.43	NE	<0.01	<0.00086 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW1-ROX-101316	10/13/2016		38.79	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000033 J	0.000041 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
MW1-ROX-011217	1/12/2017	38.35	NE	<0.0093	0.00048 J B	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093	
MW1-ROX-041717	4/17/2017	38.50	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
MW-02	MW2-ROX-071414	7/14/2014	49.87 - 59.87	43.13	NE	<0.00045 U	<0.0054	<0.022	<0.025	0.00012	0.00014	<0.00011	0.01	0.0215	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.00017 U	<0.0054	0.000096 J	<0.011	
	MW2-ROX-101014	10/10/2014		42.49	NE	<0.0051	<0.0051	<0.02	<0.05	<0.0001	<0.0001	<0.0001	0.01	0.0214	<0.01	<0.01	<0.0051	<0.01	<0.01	<0.000051	<0.0051	<0.0001	<0.01	
	MW2-ROX-011615	1/16/2015		44.1	NE	<0.00034 U	<0.0053	<0.021	<0.025	<0.00011	<0.00011	<0.00011	0.0108	0.0236	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000025 J	<0.0053	<0.00011	<0.011	
	MW2-ROX-041315	4/13/2015		45.56	NE	<0.00045 U	<0.0054	<0.022	<0.025	<0.00011	<0.00011	<0.00011	0.0124	0.0253	<0.011	0.00066 J	<0.0054	<0.011	<0.011	0.000023 J	<0.0054	<0.00011	<0.011	
	MW2-ROX-071315	7/13/2015		44.53	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	0.000036 J	<0.00011	0.0129	0.0283	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000027 JB J	<0.0054	<0.00011	<0.011	
	MW2-ROX-101215	10/12/2015		42.15	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.01	0.017	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW2-ROX-011416	1/14/2016		42.04	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.011	0.013	<0.01	0.001 J	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW2-ROX-041316	4/13/2016		41.59	NE	<0.01	<0.01	0.0082 J	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0093	0.0065	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW2-ROX-071416	7/14/2016		40.79	NE	<0.01	<0.00089 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0068	0.014	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW2-ROX101316	10/13/2016		40.10	NE	<0.0097	<0.0097	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	0.0088	0.0095	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00019	<0.0097	<0.00019	<0.0097
MW2-ROX-011217	1/12/2017	39.58	NE	<0.0093	0.00091 J B	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	0.013	0.0074	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW2-ROX-041717	4/17/2017	39.68	NE	<0.01	<0.01	<0.031	<0.01	<0.00021	<0.00021	<0.01	<0.00021	0.012	0.02	<0.01	<0.021	<0.01	<0.01	0.0019 J	<0.00021	<0.01	<0.00021	<0.01		
MW-03	MW3-ROX-071114	7/10/2014	34.67 - 44.67	29.05	NE	<0.00028 U	<0.0054	<0.022	<0.025	<0.0001	<0.0001	<0.0001	0.000067 J	<0.0002	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.00003 U	<0.0054	<0.0001	<0.011 UJ	
	MW3-ROX-100914	10/9/2014		28.18	NE	<0.00023 U	<0.0056	<0.022	<0.025	<0.00011	<0.00011	<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011	
	MW3-ROX-011515	1/15/2015		29.65	NE	0.00028 J J	<0.0056	<0.022	<0.025 UJ	<0.00011	<0.00011	<0.00011	0.00033 J	0.0003 J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000018 J J	<0.0056	<0.00011	<0.011	
	MW3-ROX-041015	4/10/2015		31.16	NE	0.00054 J	<0.0053	<0.021	<0.025	0.000024 J J	<0.0001	<0.0001	0.00013 J	0.000097 J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000026 JB J	<0.0053	0.000018 J	<0.01	
	MW3-ROX-071015	7/10/2015		30.01	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011	<0.00011	0.00028 JB	0.00026 JB	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011	
	MW3-ROX-100915	10/9/2015		27.98	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00035	0.00029	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW3-ROX-010716	1/7/2016		27.92	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00053	0.00045	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW3-ROX-040616	4/6/2016		27.07	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00082	0.00068	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW3-ROX-070816	7/8/2016		26.51	NE	<0.01	<0.0013 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00044	0.00029	<0.01	<0.02	<0.01	<0.01	0.0018 J H	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW3-ROX100716	10/7/2016		25.79	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00041	0.00022	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
MW3-ROX-010617	1/6/2017	25.65	NE	<0.0093	0.00058 J	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	0.0016	0.00081	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW3-ROX-041117	4/11/2017	25.71	NE	<0.0097	<0.0097	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	0.00097	0.00057	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00019	<0.0097	<0.00019	<0.0097		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹	0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
						Analytical Results (mg/L)																		
MW-04	MW4-ROX-071614	7/16/2014	46.06 - 56.06	40.18	NE	<0.00043 U	<0.0052	<0.021	<0.025	<0.0001	<0.0001	<0.0001	0.00024	0.00022	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000041 U	<0.0052	<0.0001	<0.01	
	MW4-ROX-101614	10/16/2014		39.49	NE	<0.0059	<0.0059	<0.024	<0.13	<0.00012	<0.00012	<0.00012	<0.00012	<0.0024	<0.0024	<0.012	<0.012	<0.0059	<0.012	<0.012	0.000029 J	0.0115	<0.00012	<0.012 UJ
	MW4-ROX-012115	1/21/2015	45.06 - 55.06	41.27	NE	0.0011 J	<0.0053	<0.021	<0.025	<0.000018 U	<0.00011	<0.00011	0.00012 JB	<0.00011 U	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000019 U	<0.0053	<0.000022 U	<0.011 UJ	
	MW4-ROX-042115	4/21/2015		42.58	NE	<0.0052	<0.0052	<0.021	<0.025 UJ	0.000018 J	<0.0001	<0.0001	0.00024 J	0.00021 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.00002 J	<0.0052	0.000018 J	<0.01	
	MW4-ROX-071415	7/14/2015		41.30	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	0.000018 J	<0.00011	0.00032 J	0.00035 JB J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000018 JB	<0.0056	<0.00011	<0.011	
	MW4-ROX-101915	10/19/2015		39.44	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00017 J	0.00013 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW4-ROX-011316	1/13/2016		39.10	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00028	0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW4-ROX-041916	4/19/2016		38.50	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00015 J	0.000089 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW4-ROX-071416	7/14/2016		37.85	NE	<0.01	<0.0072 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00015 J	0.000069 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW4-ROX-100616	10/6/2016		37.18	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00016 J	0.000069 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
MW4-ROX-010917	1/9/2017	36.84	NE	<0.0097	<0.00064 U	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	0.000066 J	<0.00019	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00019	<0.0097	<0.00019	<0.0097		
MW4-ROX-041017	4/10/2017	45.06 - 55.06	36.93	NE	<0.01	<0.01	<0.031	0.0014 J	0.000036 J	<0.0002	<0.01	0.000041 J	0.000088 J	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000038 J	<0.01 UJ	
MW-05	MW5-ROX-071414	7/14/2014	33.97 - 43.97	28.59	NE	<0.00037 U	<0.0053	<0.021	<0.025	<0.00011	<0.00011	<0.00011	0.00052 B	<0.00021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000088 U	<0.0053	<0.00011	<0.011	
	MW-5-ROX-100914	10/9/2014		27.75	NE	<0.00023 U	<0.0054	<0.022	<0.025	<0.00011	<0.00011	<0.00011	0.00099 J	<0.0022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.00003 U	0.00072 J	<0.00011	<0.011	
	MW5-ROX-011515	1/15/2015		29.34	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	0.000037 J J	<0.00011	<0.00011	0.000023 J J	0.00071 J	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000039 J J	<0.0053	0.000038 J J	<0.011
	MW5-ROX-041315	4/13/2015		30.97	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011	<0.00011	0.000099 JB J	0.000031 JB J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011	
	MW5-ROX-071315	7/13/2015		29.45	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	0.000026 J	<0.00011	0.000087 JB J	0.00018 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000024 JB J	<0.0054	<0.00011	<0.011	
	MW5-ROX-101215	10/12/2015		27.53	NE	<0.01	<0.01	<0.03	<0.01	0.000055 J	<0.0002	<0.01	0.000086 J	0.00016 J	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW5-ROX-011416	1/14/2016		27.19	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW5-ROX-040616	4/6/2016		26.80	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00034	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW5-ROX-070816	7/8/2016		26.28	NE	<0.01	<0.001 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW5-ROX-101016	10/10/2016		25.47	NE	<0.0098	<0.0098	<0.029 UJ	0.0015 J	<0.0002	<0.0002	<0.0098	<0.0002	0.00012 J	0.000041 J	<0.0098 UJ	<0.02 UJ	<0.0098	<0.0098 UJ	<0.02 UJ	<0.0002	<0.0098 UJ	<0.0002	<0.0098
MW5-ROX-010617	1/6/2017	25.33	NE	<0.0093	0.00067 J	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	0.00063	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW5-ROX-041217	4/12/2017	33.97 - 43.97	25.32	NE	<0.0096	<0.0096	<0.029	<0.0096	<0.00019	<0.00019	<0.0096	<0.00019	<0.00019	<0.00019	<0.0096	<0.019	<0.0096	<0.0096	<0.019	<0.00019	<0.0096	<0.00019	<0.0096	
MW-06A	MW6A-ROX-071014	7/10/2014	34.83 - 44.83	30.75	NE	<0.00026 U	<0.0054	<0.022 UJ	<0.025 UJ	<0.00011	0.00013	<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000046 J	<0.0054	<0.00011	<0.011	
	MW6A-ROX-100814	10/8/2014		29.84	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011	<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011 UJ	
	MW6A-ROX-011415	1/14/2015		31.54	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	0.000037 J J	0.000076 J	<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000046 J	<0.0053	0.000027 J	<0.011	
	MW6A-ROX-040715	4/7/2015		33.08	NE	<0.0051	<0.0051	<0.02	<0.025 UJ	<0.0001	<0.0001	<0.0001	0.000019 J	0.000023 J	<0.01	<0.01	<0.0051	<0.01	<0.01	<0.000051	<0.0051	<0.0001	<0.01	
	MW6A-ROX-071515	7/15/2015		31.52	NE	<0.0057	<0.0057	<0.023	<0.025	<0.00011	0.000058 J	<0.00011	0.000056 J	0.000076 JB J	<0.011	<0.011	<0.0057	<0.011	<0.011	0.000026 J	<0.0057	<0.00011	<0.011	
	MW6A-ROX-100715	10/7/2015		29.77	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6A-ROX-011116	1/11/2016		29.36	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6A-ROX-040716	4/7/2016		29.07	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000036 J	0.000047 J	<0.01	<0.02	<0.01	<0.01	<0.02	0.00005 J	<0.01	<0.0002	<0.01
	MW6A-ROX-071116	7/11/2016		28.45	NE	<0.01	0.00086 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW6A-ROX-101116	10/11/2016		27.51	NE	<0.01	<0.01	<0.03	<0.01 UJ	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.01 UJ	<0.02 UJ	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
MW6A-ROX-011017	1/10/2017	27.43	NE	<0.0093	<0.00066 U	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW6A-ROX-041217	4/12/2017	34.83 - 44.83	27.38	NE	<0.0096	<0.0096	<0.029	<0.0096	<0.00019	<0.00019	<0.0096	<0.00019	<0.00019	<0.00019	<0.0096	<0.019	<0.0096	<0.0096	<0.019	<0.00019	<0.0096	<0.00019	<0.0096	

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																		
						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																		
MW-06B	MW6B-ROX-071014	7/10/2014	64.05 - 69.05	30.81	NE	<0.0056	<0.0056	<0.022 UJ	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011
	MW6B-ROX-100814	10/8/2014		29.87	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011 UJ
	MW6B-ROX-011415	1/14/2015		31.59	NE	<0.0054	<0.0054	<0.022	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.0022	0.000017 J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011
	MW6B-ROX-040715	4/7/2015		33.10	NE	0.00029 J	<0.0051	<0.022	<0.025 UJ	<0.0001	<0.0001		<0.0001	<0.002	<0.002	<0.01	<0.01	<0.0051	<0.01	<0.01	<0.000051	<0.0051	<0.0001	<0.01
	MW6B-ROX-040715-DUP	4/7/2015		33.10	NE	<0.0052	<0.0052	<0.021	<0.025 UJ	<0.0001	<0.0001		<0.0001	<0.0021	<0.0021	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000052	<0.0052	<0.0001	<0.01
	MW6B-ROX-071415	7/14/2015		31.56	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	0.00013		<0.00011	0.0036	0.0068	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000045 JB J	<0.0053	<0.00011	<0.011
	MW6B-ROX-100715	10/7/2015		29.80	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000059 J	0.000088 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6B-ROX-011116	1/11/2016		29.41	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000029 J	0.000067 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6B-ROX-040716	4/7/2016		29.11	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000045 J	0.000088 J	<0.01	<0.02	<0.01	<0.01	<0.02	0.000079 J	<0.01	<0.0002	<0.01
	MW6B-ROX-071116	7/11/2016		28.49	NE	<0.01	0.00055 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	0.00011 J	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW6B-ROX-101116	10/11/2016		27.56	NE	<0.01	<0.01	<0.03	<0.01 UJ	<0.0002	<0.0002	<0.01	<0.0002	0.000038 J	0.00006 J	<0.01 UJ	<0.02 UJ	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
MW6B-ROX-011017	1/10/2017	27.49	NE	<0.0093	<0.00051 U	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093	
MW6B-ROX-041217	4/12/2017	27.44	NE	<0.0095	<0.0095	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	<0.00019	<0.00019	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095	
MW-06C	MW6C-ROX-071014	7/10/2014	84.95 - 89.95	30.60	NE	<0.00032 U	<0.0056	<0.022 UJ	<0.025 UJ	<0.00011	<0.00011		0.000035 J	<0.00022	<0.00022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011
	MW6C-ROX-100814	10/8/2014		29.67	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011 UJ
	MW6C-ROX-011415	1/14/2015		31.41	NE	<0.0056	<0.0056	<0.022	<0.025 UJ	0.000022 J J	<0.00011		<0.00011	<0.0022	0.000028 J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000025 J	<0.0056	0.000021 J	<0.011
	MW6C-ROX-040915	4/9/2015		32.80	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	0.000025 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011
	MW6C-ROX-071415	7/14/2015		31.38	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.000064 JB J	0.00014 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011
	MW6C-ROX-100715	10/7/2015		29.60	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000056 J	0.000083 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6C-ROX-010816	1/8/2016		29.31	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6C-ROX-040716	4/7/2016		28.91	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000035 J	0.000055 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6C-ROX-071116	7/11/2016		28.30	NE	<0.01	0.00059 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000043 J	0.000047 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW6C-ROX-101016	10/10/2016		27.37	NE	<0.0095	<0.0095 UJ	<0.029	<0.0095 UJ	<0.00019	<0.00019	<0.0095	<0.00019	0.000049 J	0.000077 J	<0.0095	<0.019 UJ	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095
	MW6C-ROX-011017	1/10/2017		27.26	NE	<0.0093	<0.00049 U	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093
MW6C-ROX-041217	4/12/2017	27.24	NE	<0.0095	<0.0095	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	<0.00019	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095		
MW-06D	MW6D-ROX-071014	7/10/2014	104.72 - 109.72	31.47	NE	<0.00027 U	<0.0056	<0.022 UJ	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011
	MW6D-ROX-071014-DUP	7/10/2014		31.47	NE	<0.00029 U	<0.0054	<0.022 UJ	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011
	MW6D-ROX-100814	10/8/2014		29.53	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011 UJ
	MW6D-ROX-100814-DUP	10/8/2014		29.53	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011 UJ
	MW6D-ROX-011415	1/14/2015		31.26	NE	<0.0054	<0.0054	<0.022	<0.025 UJ	0.000031 J J	0.000018 J		<0.00011	0.000015 J	0.000033 J	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000033 J	<0.0054	0.000027 J	<0.011
	MW6D-ROX-011415-DUP	1/14/2015		31.26	NE	0.00027 J J	<0.0056	<0.022	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011
	MW6D-ROX-040715	4/7/2015		32.74	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.0021	0.000026 J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011
	MW6D-ROX-071415	7/14/2015		31.19	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.00011 JB J	0.00023 JB J	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011
	MW6D-ROX-100715	10/7/2015		29.45	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000081 J	0.00012 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6D-ROX-010816	1/8/2016		29.59	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6D-ROX-010816-DUP	1/8/2016		29.59	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW6D-ROX-040716	4/7/2016		28.76	NE	<0.01	<0.01	<0.03																

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹	0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹	0.001 ¹	0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
MW-07	MW7-ROX-071614	7/16/2014	42.92 - 52.92	42.05	NE	<0.00027 U	<0.0052	<0.021	<0.025	<0.0001	0.00021	<0.0001	0.0052	0.0079	<0.01	<0.01	<0.0052	<0.01	<0.01	0.00028	0.0618	<0.0001	<0.01	
	MW7-ROX-071614-DUP	7/16/2014		42.05	NE	<0.00038 U	<0.0052	<0.021	<0.025	<0.0001	0.00019	<0.0001	0.0052	0.0077	<0.01	<0.01	<0.0052	<0.01	<0.01	0.00026	0.0638	<0.0001	<0.01	
	MW7-ROX-101614	10/16/2014		41.31	NE	<0.0056	<0.0056	<0.022	<130	<0.00011	0.0002	<0.00011	0.0049	0.0074	<0.011	<0.011	<0.0056	<0.011	<0.011	0.00028	0.155	<0.00011	<0.011 UJ	
	MW7-ROX-101614-DUP	10/16/2014		41.31	NE	<0.0057	<0.0057	<0.023	<130	<0.00011	0.00019	<0.00011	0.0047	0.007	<0.011	<0.011	<0.0057	<0.011	<0.011	0.00027	0.133	<0.00011	<0.011 UJ	
	MW7-ROX-012215	1/22/2015		43.45	NE	0.00035 J	<0.0053	<0.021	<25	<0.000063 U	0.00024	0.00003 J	0.0053	0.0068	<0.011	0.00059 J	<0.0053	<0.011	<0.011	0.00049	0.145	<0.000099 U	<0.011	
	MW7-ROX-012215-DUP	1/22/2015		43.45	NE	0.00027 J	<0.0052	<0.021	<25	<0.000021 U	0.00022	<0.0001	0.0052	0.0066	<0.01	0.00056 J	<0.0052	<0.01	<0.01	0.00045	0.136	<0.000058 U	<0.01	
	MW7-ROX-042115	4/21/2015		44.63	NE	<0.0051	<0.0051	<0.02	<1.3 UJ	<0.0001	0.00033	<0.0001	0.008	0.01	0.00037 J	0.0011 J	<0.0051	<0.01	<0.01	0.00066	0.0707	0.000057 J	<0.01	
	MW7-ROX-042115-DUP	4/21/2015		44.63	NE	<0.0051	<0.0051	<0.02	<1.3 UJ	0.000026 J	0.0003	<0.0001	0.0074	0.0093	0.00032 J	0.0011 J	<0.0051	<0.01	<0.01	0.00063	0.0766	0.000066 J	<0.01	
	MW7-ROX-071515	7/15/2015		43.54	NE	0.00063 J	<0.0051	<0.02	<130	0.000019 J	0.00021	<0.0001	0.0047	0.0065	<0.01	0.0031 J	<0.0051	<0.01	<0.01	0.00031	0.104	0.000052 J	<0.01	
	MW7-ROX-071515-DUP	7/15/2015		43.54	NE	0.00057 J	<0.0052	<0.021	<130	0.000023 J	0.00018	<0.0001	0.0055	0.0082	<0.01	0.0032 J	<0.0052	<0.01	<0.01	0.00034	0.117	0.000053 J	<0.01	
	MW7-ROX-101915	10/19/2015		41.43	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0018 J	<0.0002	0.0029	0.0041	<0.01	0.0018 J	<0.01	<0.01	<0.02	0.00014 J	0.13	<0.0002	<0.01
	MW7-ROX-101915-DUP	10/19/2015		41.43	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00011 J	0.0018 J	<0.0002	0.0026	0.0037	<0.01	0.0018 J	<0.01	<0.01	<0.02	0.00019 J	0.12	<0.0002	<0.01
	MW7-ROX-011416	1/14/2016		41.02	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0018 J	<0.0002	0.004	0.0053	<0.01	0.0017 J	<0.01	<0.01	<0.02	0.00041	0.18	<0.0002	<0.01
	MW7-ROX-011416-DUP	1/14/2016		41.02	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0019 J	<0.0002	0.0048	0.0061	<0.01	0.002 J	<0.01	<0.01	<0.02	0.00056	0.32	<0.0002	<0.01
	MW7-ROX-041916	4/19/2016		40.68	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0023 J	<0.0002	0.0034	0.0051	<0.01	0.0034 J	<0.01	<0.01	<0.02	0.00021	0.25	<0.0002	<0.01
	MW7-ROX-041916-DUP	4/19/2016		40.68	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0022 J	<0.0002	0.004	0.0059	<0.01	0.0026 J	<0.01	<0.01	<0.02	0.00025	0.18	<0.0002	<0.01
	MW7-ROX-071416	7/14/2016		39.99	NE	<0.01	<0.00075 U	<0.03	<0.01	<0.0002	0.00026	<0.01	<0.0002	0.004 J	0.005 J	<0.01	<0.02	<0.01	<0.01	<0.02	0.00041	0.16	<0.0002	<0.01
	MW7-ROX-071416-DUP	7/14/2016		39.99	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00018 J	0.0014 J	<0.0002	0.0028 J	0.0034 J	<0.01	0.0026 J	<0.01	<0.01	<0.02	0.00031	0.19	<0.0002	<0.01
	MW7-ROX-100616	10/6/2016		39.24	NE	<0.01	<0.01 UJ	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0031	0.0043	0.004 J	0.0049 J	<0.01	<0.01	<0.02	<0.0002	0.46	<0.0002	<0.01
	MW7-ROX-100616-DUP	10/6/2016		39.24	NE	<0.01	0.00046 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0029	0.0039	0.0044 J	<0.02	<0.01	<0.01	<0.02	<0.0002	0.43	<0.0002	<0.01
MW7-ROX-010917	1/9/2017	38.90	NE	<0.01	<0.00049 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.002	0.003	0.0039 J	0.0044 J	<0.01	<0.01	<0.02	0.00014 J	0.17	<0.0002	<0.01		
MW7-ROX-041017	4/10/2017	38.88	NE	<0.0097	<0.0097 UJ	<0.029	<0.0097	<0.00019	<0.00019	0.0024 J	0.00004 J	0.0019	0.0027	0.0043 J	0.0056 J	<0.0097	<0.0097	<0.019	<0.00019	0.27	<0.00019	<0.0097 UJ		
MW7-ROX-041017-DUP	4/10/2017	38.88	NE	<0.0097	<0.0097 UJ	<0.029	<0.0097	<0.00019	<0.00019	0.0022 J	0.000039 J	0.0019	0.0027	0.0045 J	0.0059 J	<0.0097	<0.0097	<0.019	<0.00019	0.31	<0.00019	<0.0097 UJ		
MW-08	MW8-ROX-071614	7/16/2014	33.60 - 43.60	33.01	NE	<0.00045 U	<0.0052	<0.021	<0.025 UJ	<0.0001	0.00038	<0.0001	0.0125	0.0048	0.0037 J	0.0045 J	<0.0052	<0.01	<0.01	0.0002 B	0.111	<0.0001	<0.01	
	MW8-ROX-101614	10/16/2014		32.23	NE	<0.0056	<0.0056	<0.022	<25	<0.00011	0.00054	<0.00011	0.0145	0.0045	0.019	0.0558	<0.0056	<0.011	<0.011	0.00023	0.126	<0.00011	<0.011 UJ	
	MW8-ROX-012215	1/22/2015		34.22	NE	0.00027 J	<0.0052	<0.021	<25	<0.0001	0.00037	<0.0001	0.011	0.0046	0.0102	0.0242	<0.0052	<0.01	<0.01	0.00016 B	0.146	<0.0001	<0.01	
	MW8-ROX-042115	4/21/2015		35.41	NE	<0.0053	<0.0053	<0.021	<1.3 UJ	<0.00011	0.00041	<0.00011	0.0126	0.0053	0.0049 J	0.0063 J	<0.0053	<0.011	<0.011	0.00014	0.129	<0.00011	<0.011	
	MW8-ROX-071515	7/15/2015		34.07	NE	<0.0053	<0.0053	<0.021	<130	<0.00011	0.0003	<0.00011	0.0113	0.0083	0.0018 J	0.0046 J	<0.0053	<0.011	<0.011	0.00016	0.135	<0.00011	<0.011	
	MW8-ROX-101915	10/19/2015		32.30	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00018 J	0.0015 J	<0.0002	0.0087	0.0052	0.0024 J	0.0054 J	<0.01	<0.01	<0.02	<0.0002	0.21	<0.0002	<0.01
	MW8-ROX-011416	1/14/2016		31.79	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0023 J	<0.0002	0.015	0.007	0.0077 J	0.016 J	<0.01	<0.01	<0.02	<0.0002	0.22	<0.0002	<0.01
	MW8-ROX-041916	4/19/2016		31.45	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00035	0.0019 J	<0.0002	0.014	0.0063	0.0028 J	0.0036 J	<0.01	<0.01	<0.02	0.00013 J	0.27	<0.0002	<0.01
	MW8-ROX-071416	7/14/2016		30.80	NE	<0.01	<0.00071 U	<0.03	<0.01	<0.0002	0.00024	0.0014 J	<0.0002	0.0082	0.0038	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.13	<0.0002	<0.01
	MW8-ROX-100616	10/6/2016		29.99	NE	<0.01	<0.01 UJ	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0098	0.0028	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.29	<0.0002	<0.01
MW8-ROX-010917	1/9/2017	29.79	NE	0.0083 J	<0.00061 U	<0.029	<0.0098	<0.0002	<0.0002	0.0039 J	<0.0002	0.015	0.0038	<0.0098	<0.02	<0.0098	<0.0098	0.0018 J	<0.0002	0.22	<0.0002	<0.0098		
MW8-ROX-041017	4/10/2017	29.80	NE	<0.01	<0.01 UJ	<0.03	<0.01	<0.0002	<0.0002	0.0017 J	<0.0002	0.0087	0.0036	<0.01	0.0014 J	<0.01	<0.01	0.0021 J	<0.0002	0.22	<0.0002	<0.01 UJ		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹	0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹	0.001 ¹	0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
MW-09	MW9-ROX-070914	7/9/2014	46.45 - 56.45	44.35	NE	<0.0006 U	<0.0054	<0.022 UJ	<0.025	<0.00011	<0.00011	<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011	
	MW9-ROX-100714	10/7/2014		43.52	NE	<0.0059	<0.0059	<0.024	<0.025	<0.00012	<0.00012	<0.00012	<0.00024	<0.00024	<0.012	<0.012	<0.0059	<0.012	<0.012	<0.000059	<0.0059	<0.00012	<0.012	
	MW9-ROX-011315	1/13/2015		44.21	NE	0.00023 J	<0.0052	<0.021	<0.025	<0.0001	<0.0001	<0.0001	<0.00021	<0.00021	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000016 JB	<0.0052	<0.0001	<0.01 UJ	
	MW9-ROX-040915	4/9/2015		45.38	NE	<0.0052	<0.0052	<0.021	<0.025	<0.0001	0.000027 J	<0.0001	<0.00021	0.000018 JB J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000026 J	<0.0052	<0.0001	<0.01	
	MW9-ROX-070915	7/9/2015		44.81	NE	0.00042 J	<0.0055	<0.022	<0.025 UJ	<0.00011	<0.00011	<0.00011	0.000073 J	0.00013 J	<0.011	<0.011	<0.0055	<0.011	<0.011	0.000044 J	<0.0055	<0.00011	<0.011	
	MW9-ROX-100815	10/8/2015		42.64	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000034 J	0.000053 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW9-ROX-011316	1/13/2016		42.63	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW9-ROX-041216	4/12/2016		41.98	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.00025 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	MW9-ROX-071316	7/13/2016		40.93	NE	<0.01	<0.00066 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000027 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ	
	MW9-ROX-101316	10/13/2016		40.39	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000026 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
MW9-ROX-011117	1/11/2017	40.06	NE	<0.0093	<0.0093	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW9-ROX-041417	4/14/2017	40.56	NE	<0.0096	<0.0096	<0.029	<0.0096	<0.00019	<0.00019	<0.0096	<0.00019	<0.00019	<0.00019	<0.0096	<0.019	<0.0096	<0.0096	<0.019	<0.00019	<0.0096	<0.00019	<0.0096		
MW-10	MW10-ROX-070914	7/9/2014	44.43 - 54.43	44.35	NE	<0.00065 U	<0.0054	<0.022 UJ	<0.025	<0.00011	<0.00011	<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011	
	MW10-ROX-100714	10/7/2014		43.58	NE	<0.0057	<0.0057	<0.023	<0.025	<0.00011	<0.00011	<0.00011	<0.00023	<0.00023	<0.011	<0.011	<0.0057	<0.011	<0.011	<0.000057	<0.0057	<0.00011	<0.011	
	MW10-ROX-011315	1/13/2015		44.27	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011	<0.00011	<0.00022	<0.000018 U	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011 UJ	
	MW10-ROX-040815	4/8/2015		45.30	NE	<0.0051	<0.0051	<0.02	<0.025	0.000016 J	<0.0001	<0.0001	<0.0002	0.00002 JB	<0.01	<0.01	<0.0051	<0.01	<0.01	0.000019 J	<0.0051	<0.0001	<0.01	
	MW10-ROX-070915	7/9/2015		44.93	NE	0.00064 J	<0.0054	<0.022	<0.025 UJ	0.000057 J	0.000037 J	0.000024 J	0.000035 J	0.000058 J	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000077	<0.0054	0.000059 J	<0.011	
	MW10-ROX-100915	10/9/2015		42.79	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000039 J	0.000063 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW10-ROX-011316	1/13/2016		42.53	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW10-ROX-041116	4/11/2016		41.88	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.00034 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	MW10-ROX-071316	7/13/2016		41.00	NE	<0.01	<0.00056 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000033 J	0.000033 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW10-ROX-101216	10/12/2016		40.27	NE	<0.011	<0.011	<0.032	<0.011	<0.00021	<0.00021	<0.011	<0.00021	<0.00021	<0.00021	<0.011	<0.021	<0.011	<0.011	<0.021	<0.00021	<0.011	<0.00021	<0.011
MW10-ROX-011117	1/11/2017	39.88	NE	<0.0093	<0.0093	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW10-ROX-041417	4/14/2017	40.43	NE	<0.0095	<0.0095	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	<0.00019	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095		
MW-11	MW11-ROX-070914	7/9/2014	41.66 - 51.66	41.75	NE	<0.00042 U	<0.0057	<0.023 UJ	<0.025	<0.00011	<0.00011	<0.00011	<0.00023	<0.00023	<0.011	<0.011	<0.0057	<0.011	<0.011	0.00003 J	<0.0057	<0.00011	<0.011	
	MW11-ROX-100714	10/7/2014		40.89	NE	<0.0052	<0.0052	<0.021	<0.025	<0.0001	<0.0001	<0.0001	<0.00021	<0.00021	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000052	<0.0052	<0.0001	<0.01	
	MW11-ROX-011315	1/13/2015		41.93	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011	<0.00011	<0.00022	<0.00002 U	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011 UJ	
	MW11-ROX-040815	4/8/2015		43.19	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011	<0.00011	<0.00022	0.000022 JB	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011	
	MW11-ROX-070915	7/9/2015		42.45	NE	<0.0054	<0.0054	<0.022	<0.025 UJ	<0.00011	<0.00011	<0.00011	0.000029 J	0.000045 J	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000029 J	<0.0054	<0.00011	<0.011	
	MW11-ROX-100815	10/8/2015		40.15	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000029 J	0.000034 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW11-ROX-011216	1/12/2016		40.33	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW11-ROX-041116	4/11/2016		39.49	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW11-ROX-071316	7/13/2016		38.59	NE	<0.01	<0.00065 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW11-ROX-101216	10/12/2016		37.93	NE	<0.0098	<0.0098	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	<0.0002	<0.0002	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098
MW11-ROX-011117	1/11/2017	37.63	NE	<0.0093	<0.00097 U	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
MW11-ROX-041417	4/14/2017	37.98	NE	<0.0095	<0.00051 U	<0.028	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	0.00004 J	0.000057 J J	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																		
MW-12	MW12-ROX-070914	7/9/2014	41.92 - 51.92	41.97	NE	<0.00098 U	<0.0056	<0.022 UJ	<0.025	<0.00011	<0.00011		<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011
	MW12-ROX-100614	10/6/2014		40.98	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053 UJ	<0.00011	<0.011
	MW12-ROX-011215	1/12/2015		42.33	NE	0.00023 J	<0.0056	<0.022	<0.025	0.00002 J	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000018 J	<0.0056	<0.00011	<0.011 UJ
	MW12-ROX-040615	4/6/2015		43.75	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	0.000019 J	<0.00011		<0.00011	0.000018 J	0.000031 J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.00002 U	<0.0053	0.000016 J	<0.011
	MW12-ROX-070815	7/8/2015		42.86	NE	<0.0056	<0.0056	<0.022	<0.025 UJ	0.00012	0.00003 J		0.000059 J	0.000035 J	0.000079 J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000067 J	<0.0056	0.000081 J	<0.011
	MW12-ROX-100815	10/8/2015		40.54	NE	<0.01	<0.01	<0.03	<0.01	0.000039 J	<0.0002	<0.01	<0.0002	0.00006 J	0.000081 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000021 J	<0.01
	MW12-ROX-100815-DUP	10/8/2015		40.54	NE	<0.01	<0.01	<0.03	<0.01	0.000039 J	<0.0002	<0.01	<0.0002	0.000036 J	0.000055 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000021 J	<0.01
	MW12-ROX-011116	1/11/2016		40.98	NE	<0.01	<0.01	<0.03	<0.01	0.00037	<0.0002	<0.01	0.00014 J	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	0.000088 J	<0.01	0.00016 J	<0.01
	MW12-ROX-040716	4/7/2016		39.82	NE	<0.01	<0.01	<0.03	<0.01	0.000074 J	0.000069 J	<0.01	0.000064 J	0.000046 J	0.000086 J	<0.01	<0.02	<0.01	<0.01	<0.02	0.00014 J	<0.01	0.000039 J	<0.01
	MW12-ROX-071216	7/12/2016		38.89	NE	<0.01	0.00055 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	0.000051 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW12-ROX-101116	10/11/2016		38.85	NE	<0.01	<0.01	<0.03	<0.01 UJ	0.000052 J	<0.0002	<0.01	<0.0002	0.000025 J	0.000036 J	<0.01 UJ	<0.02 UJ	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000029 J	<0.01
	MW12-ROX-010917	1/9/2017		38.11	NE	<0.01	0.00051 J B	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
MW12-ROX-041417	4/14/2017	38.29	NE	<0.01	<0.01	<0.03	<0.01	0.000021 J	<0.0002	<0.01	<0.0002	0.000025 J	0.000036 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01		
MW-13	MW13-ROX-070714	7/7/2014	25.57 - 35.57	28.49	NE	<0.0055	<0.0055	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0055	<0.011	<0.011	<0.000055	<0.0055	<0.00011	<0.011
	MW13-ROX-101014	10/10/2014		27.48	NE	<0.006	<0.006	<0.024	<0.025	<0.00012	<0.00012		<0.00012	<0.0024	<0.0024	<0.012	<0.012	<0.006	<0.012	<0.012	0.000032 J	<0.006	<0.00012	<0.012
	MW13-ROX-011615	1/16/2015		29.09	NE	<0.00034 U	<0.0053	<0.021	<0.025	0.000022 J	0.000035 J		<0.00011	0.00004 J	0.00008 J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000025 J	<0.0053	0.000046 J	<0.011
	MW13-ROX-041415	4/14/2015		30.71	NE	<0.0056	<0.0056	<0.022	<0.025	0.000025 J	0.000066 J		<0.00011	0.000029 J	0.000055 J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.00007	<0.0056	0.000023 J	<0.011
	MW13-ROX-070815	7/8/2015		29.16	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	<0.00011	<0.00011		<0.00011	0.000031 J	0.000047 J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	0.000032 J	0.000016 J	<0.011
	MW13-ROX-100515	10/5/2015		27.34	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00085	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW13-ROX-010716	1/7/2016		27.16	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00021	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW13-ROX-040816	4/8/2016		26.81	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW13-ROX-071116	7/11/2016		26.01	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW13-ROX-100716	10/7/2016		25.16	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW13-ROX-010617	1/6/2017		25.54	NE	<0.01	0.0005 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW13-ROX-041317	4/13/2017		25.75	NE	<0.01	<0.01	<0.03	<0.01	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.01	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01	<0.001	<0.01
MW-14	MW14-ROX-070714	7/7/2014	33.42 - 43.42	32.82	NE	0.00031 J	<0.0054	<0.022	<0.025	<0.00011	0.00024		<0.00011	0.0014	<0.00022	<0.011	<0.011	<0.0054	<0.011	<0.011	0.00024 J	<0.0054	<0.00011	<0.011
	MW14-ROX-101414	10/14/2014		31.65	NE	<0.00056 U	<0.0056	<0.022	<0.025	<0.00011	0.00024		<0.00011	0.0014 J	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000021 U	<0.0056	<0.00011	<0.011
	MW14-ROX-011615	1/16/2015		33.58	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	0.00013		<0.00011	0.00012 J	0.000026 J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000021 J	<0.0053	<0.00011	<0.011
	MW14-ROX-041415	4/14/2015		35.16	NE	<0.0052	<0.0052	<0.021	<0.025	<0.00011	0.00017		<0.00011	0.00007 J	0.000018 J	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000054	<0.0052	<0.00011	<0.01
	MW14-ROX-070915	7/9/2015		34.06	NE	0.00044 J	<0.0052	<0.021	<0.025 UJ	0.000016 J	0.00017		<0.0001	0.00019 J	0.00012 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000062	<0.0052	0.000017 J	<0.01
	MW14-ROX-101315	10/13/2015		31.88	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00013 J	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW14-ROX-010816	1/8/2016		31.64	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.000095 J	<0.01	0.000066 J	0.00013 J	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW14-ROX-041416	4/14/2016		31.32	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.000084 J	<0.01	<0.0002	0.000084 J	0.00004 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW14-ROX-071116	7/11/2016		30.59	NE	<0.01	0.00054 J J	<0.03	<0.01	<0.0002	0.000029 J	<0.01	<0.0002	0.000057 J	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW14-ROX-101416	10/14/2016		29.62	NE	<0.0095 UJ	0.00055 J H J	<0.029 UJ	<0.0095 UJ	<0.00019	0.00004 J *	<0.0095 UJ	<0.00019	0.000095 J J	0.000046 J J	<0.0095 UJ	<0.019 UJ	<0.0095 UJ	<0.0095 UJ	<0.019 UJ	<0.00019	<0.0095 UJ	<0.00019	<0.0095 UJ
	MW14-ROX-011117	1/11/2017		29.61	NE	<0.0098	0.0005 J	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	<0.0002	<0.0002	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098
	MW14-ROX-041317	4/13/2017		29.54	NE	<0.0099	<0.0099	<0.03	<0.0099	<0.0002	<0.0002	<0.0099	<0.0002	0.000026 J	<0.0002	<0.0099	<0.02	<0.0099	<0.0099	<0.02	<0.0002	<0.0099	<0.0002	

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																		
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
MW-16	MW16-ROX-071014	7/10/2014	37.06 - 47.06	43.15	NE	<0.00021 U	<0.0054	<0.022 UJ	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.00022	<0.00022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011
	MW16-ROX-100714	10/7/2014		42.27	NE	<0.006	<0.006	<0.024	<0.025	<0.00012	<0.00012		<0.00012	<0.0024	<0.0024	<0.012	<0.012	<0.006	<0.012	<0.012	<0.00006	<0.006	<0.00012	<0.012
	MW16-ROX-011315	1/13/2015		43.59	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	<0.000016 U	<0.000022 U	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011 UJ
	MW16-ROX-040915	4/9/2015		44.87	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	0.000026 JB J	0.000039 JB J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011
	MW16-ROX-070915	7/9/2015		44.26	NE	0.00043 J	<0.0055	<0.022	<0.025 UJ	<0.00011	0.000037 J		<0.00011	0.000067 J	0.00012 J	<0.011	<0.011	<0.0055	<0.011	<0.011	0.000043 J	<0.0055	<0.00011	<0.011
	MW16-ROX-070915-DUP	7/9/2015		44.26	NE	<0.0056	<0.0056	<0.022	<0.025 UJ	<0.00011	<0.00011		<0.00011	0.000047 J	0.000074 J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000023 J	<0.0056	<0.00011	<0.011
	MW16-ROX-100715	10/7/2015		41.83	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000045 J	0.000073 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW16-ROX-011216	1/12/2016		41.99	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW16-ROX-040816	4/8/2016		41.17	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW16-ROX-071216	7/12/2016		39.93	NE	<0.01	0.00072 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW16-ROX-101116	10/11/2016		39.64	NE	<0.0099	<0.0099	<0.03	<0.0099 UJ	<0.0002	<0.0002	<0.0099	<0.0002	0.00002 J	0.000033 J	<0.0099 UJ	<0.02 UJ	<0.0099	<0.0099	<0.02	<0.0002	<0.0099	<0.0002	<0.0099
	MW16-ROX-010917	1/9/2017		39.15	NE	<0.0098	<0.00052 U	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	<0.0002	<0.0002	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098
MW16-ROX-041417	4/14/2017	37.06 - 47.06	39.34	NE	<0.0097	<0.0097	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	<0.00019	<0.00019	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00019	<0.0097	<0.00019	<0.0097	
MW-22	MW22-ROX-071414	7/14/2014	37.88 - 47.88	41.85	NE	<0.00057 U	<0.0054	<0.022	<0.025	<0.00011	0.00015		<0.00011	0.0198	0.0355	0.0102 J	0.0204	<0.0054	<0.011	<0.011	<0.00018 U	<0.0054	<0.00011	<0.011
	MW22-ROX-101014	10/10/2014		41.43	NE	<0.0063	<0.0063	<0.025	<0.25	<0.00013	0.00014		<0.00013	0.0193	0.0339	0.0064 J	0.011 J	<0.0063	<0.013	<0.013	0.00036	0.0079	<0.00013	<0.013
	MW22-ROX-011615	1/16/2015		42.19	NE	<0.0053	<0.0053	<0.021	<0.25	<0.00011	0.00051		<0.00011	0.0153	0.0184	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000064	0.0119	<0.00011	<0.011
	MW22-ROX-041415	4/14/2015		43.71	NE	<0.0052	<0.0052	<0.021	<0.025	0.000016 J	0.00021	0.047 JN	<0.0001	0.024	0.0397	<0.01	0.0201	<0.0052	<0.01	<0.01	0.00013	0.0108	0.00002 J	<0.01
	MW22-ROX-071515	7/15/2015		42.64	NE	<0.029	<0.029	<0.11	<0.5	<0.00011	0.00011	0.033 JN	<0.00011	0.0216	0.0374	0.0075 J	<0.057	<0.029	<0.057	<0.057	0.000099	<0.029	<0.00011	<0.057
	MW22-ROX-101415	10/14/2015		40.54	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.021	<0.0002	0.015	0.026	0.0055 J	0.0097 J	<0.01	<0.01	<0.02	<0.0002	0.0082 J	<0.0002	0.0038 J * J
	MW22-ROX-011516	1/15/2016		40.42	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.029	<0.0002	0.022	0.038	0.0095 J	0.021	<0.01	<0.01	<0.02	<0.0002	0.015	<0.0002	0.0032 J
	MW22-ROX-011516-DUP	1/15/2016		40.42	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.027	<0.0002	0.019	0.033	0.0083 J	0.019 J	<0.01	<0.01	<0.02	<0.0002	0.013	<0.0002	<0.01
	MW22-ROX-041316	4/13/2016		39.56	NE	<0.01 UJ	<0.01 UJ	<0.03 UJ	<0.01 UJ	<0.0002	<0.0002	0.032 H J	<0.0002	0.019	0.026	<0.01 UJ	0.018 J H J	<0.01 UJ	<0.01 UJ	<0.02 UJ	<0.0002	<0.01 UJ	<0.0002	<0.01 UJ
	MW22-ROX-041316-DUP	4/13/2016		39.56	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.02	<0.0002	0.014	0.016	0.016	0.014 J	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW22-ROX-071516	7/15/2016		38.97	NE	<0.01	<0.00072 U	<0.03	<0.01	<0.0002	<0.0002	0.0043 J	<0.0002	0.0032 J	0.0048	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW22-ROX-071516-DUP	7/15/2016		38.97	NE	<0.01	<0.00086 U	<0.03	<0.01	<0.0002	<0.0002	0.005 J	<0.0002	0.0041 J	0.006	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW22-ROX-101716	10/17/2016		38.17	NE	<0.0098	<0.0098	<0.029	<0.0098	<0.00098	<0.00098	<0.0098	<0.00098	0.0061	0.0079 J	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.00098	<0.0098	<0.00098	<0.0098
	MW22-ROX-101716-DUP	10/17/2016		38.17	NE	<0.0098	<0.0098 UJ	<0.029	<0.0098	<0.00098	<0.00098	0.0076 J	<0.00098	0.0048	0.006 J	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.00098	<0.0098	<0.00098	<0.0098
	MW22-ROX-011217	1/12/2017		37.80	NE	<0.0093	<0.00056 U	<0.028	<0.0093	<0.00093	<0.00093	0.0064 J	<0.00093	0.0055	0.0089	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00093	<0.0093	<0.00093	<0.0093
	MW22-ROX-011217-DUP	1/12/2017		37.80	NE	<0.01	0.00073 J B	<0.031	<0.01	<0.001	<0.001	0.0067 J	<0.001	0.0057	0.0093	<0.01	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01	<0.001	<0.01
MW22-ROX-041717	4/17/2017	37.88 - 47.88	38.09	NE	<0.0095	<0.0095	<0.029	<0.0095	<0.00019	<0.00019	0.0084 J	<0.00019	0.0072	0.011 J	<0.0095	0.0025 J	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095	
MW22-ROX-041717-DUP	4/17/2017	38.09	NE	<0.0096	<0.0096	<0.029	<0.0096	<0.00019	<0.00019	0.01	<0.00019	0.0091	0.015 J	<0.0096	0.0023 J	<0.0096	<0.0096	<0.019	<0.00019	<0.0096	<0.00019	<0.0096		
MW-23	MW23-ROX-012615	1/26/2015	29.02 - 39.02	30.90	NE	<0.005	<0.005	<0.025	<0.2	<0.001	0.00096 J		<0.0002	0.0019	0.00056 J	<0.005	<0.005	<0.005	<0.005	<0.025	0.0037	<0.005	<0.001	<0.01
	MW23-ROX-040815	4/8/2015		32.24	NE	<0.0051	<0.0051	<0.02	<0.025	0.000029 J	0.000053 J		<0.0001	0.000036 JB J	0.000028 JB J	<0.01	<0.01	<0.0051	<0.01	<0.01	0.00057	<0.0051	0.00015	<0.01
	MW23-ROX-071015-BP	7/10/2015		30.54	NE	<0.0056	<0.0056	<0.022	<0.025	0.00002 J	0.000025 J		<0.00011	0.000045 JB J	0.000079 JB J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.000052 J	<0.0056	0.000068 J	<0.011
	MW23-ROX-100515	10/5/2015		28.89	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000072 J	0.00011 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW-23-ROX-010716	1/7/2016		28.78	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	0.000022 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000027 J	<0.01
	MW-23-ROX-040616	4/6/2016		27.96	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02				

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

Screening Values (mg/L)						SVOCs																		
						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																		
MW-24	MW24-ROX-071114	7/10/2014	38.89 - 48.89	42.97	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	<0.00021	<0.00021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011 UJ
	MW24-ROX-100814	10/8/2014		42.16	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011 UJ
	MW24-ROX-011315	1/13/2015		43.17	NE	0.00023 J	<0.0053	<0.021	<0.025	<0.00011	0.000059 J		<0.00011	0.00009 JB	<0.000099 UJ	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000037 J	<0.0053	<0.00011	<0.011 UJ
	MW24-ROX-040915	4/9/2015		44.45	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	0.000035 JB J	0.000035 JB J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011 UJ
	MW24-ROX-070915	7/9/2015		44.65	NE	<0.0052	<0.0052	<0.021	<0.025 UJ	<0.0001	<0.0001		<0.0001	0.000049 J	0.000081 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000041 J	<0.0052	<0.0001	<0.01
	MW24-ROX-100715	10/7/2015		41.45	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000057 J	0.000087 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW24-ROX-011316	1/13/2016		41.44	NE	<0.01	<0.01	<0.03	<0.01	0.000036 J	<0.0002	<0.01	0.000057 J	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000034 J	<0.01
	MW24-ROX-040816	4/8/2016		40.79	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW24-ROX-071216	7/12/2016		39.67	NE	<0.01	0.00073 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00003 J	0.000035 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW24-ROX-101116	10/11/2016		39.19	NE	<0.01	<0.01	<0.03	<0.01 UJ	<0.0002	<0.0002	<0.01	<0.0002	0.000021 J	0.000029 J	<0.01 UJ	<0.02 UJ	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
MW24-ROX-010917	1/9/2017	38.97	NE	<0.0099	<0.00072 U	<0.03	<0.0099	<0.0002	<0.0002	<0.0099	<0.0002	<0.0002	<0.0002	<0.0099	<0.02	<0.0099	<0.0099	<0.02	<0.0002	<0.0099	<0.0002	<0.0099		
MW24-ROX-041717	4/17/2017	39.27	NE	<0.0099	<0.0099	<0.03	<0.0099	<0.0002	<0.0002	<0.0099	<0.0002	0.00003 J	0.000048 J	<0.0099	<0.02	<0.0099	<0.0099	<0.02	<0.0002	<0.0099	<0.0002	<0.0099		
MW-25	MW25-ROX-102114	10/21/2014	35.59 - 45.59	36.44	NE	<0.0056	<0.0056	<0.022	<5	<0.00011	<0.00011		<0.00011	0.00093 J	0.00057 J	0.0011 J	0.0028 J	<0.0056	<0.011	<0.011	0.000033 J	0.173	<0.00011	<0.011
	MW25-ROX-012215	1/22/2015		38.45	NE	0.00028 J	<0.0052	<0.021	<6.3	<0.000018 U	<0.0001		<0.0001	0.00036 J	0.00015 J	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000052	0.107	<0.000019 U	<0.01
	MW25-ROX-042115	4/21/2015		39.71	NE	<0.0051	<0.0051	<0.02	<1.3 UJ	<0.0001	<0.0001		<0.0001	0.00067 J	0.00035 J	<0.01	<0.01	<0.0051	<0.01	<0.01	<0.000051	0.0592	<0.0001	<0.01
	MW25-ROX-071515	7/15/2015		38.40	NE	<0.0052	<0.0052	<0.021	<5	<0.0001	0.000019 J		<0.0001	0.00088 J	0.00049 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000017 J	0.112	<0.0001	<0.01
	MW25-ROX-101915	10/19/2015		36.55	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00026	0.00014 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.071	<0.0002	<0.01
	MW25-ROX-011416	1/14/2016		36.12	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0004	0.00017 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.049	<0.0002	<0.01
	MW25-ROX-041916	4/19/2016		35.67	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00031	0.00015 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.031	<0.0002	<0.01
	MW25-ROX-071816	7/18/2016		35.19	NE	<0.01 UJ	<0.0023 UJ	<0.03 UJ	<0.01 UJ	<0.0002 UJ	<0.0002 UJ	<0.01 UJ	<0.0002 UJ	0.000067 J H J	0.000047 J H J	<0.01 UJ	<0.02 UJ	<0.01 UJ	<0.01 UJ	<0.02 UJ	<0.0002 UJ	0.02 H J	<0.0002 UJ	<0.01 UJ
	MW25-ROX-100616	10/6/2016		34.27	NE	<0.01	0.00064 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00021	0.000049 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.0095 J	<0.0002	<0.01
	MW25-ROX-011117	1/11/2017		34.00	NE	<0.0097	0.00046 J	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	0.00019	<0.00019	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00019	<0.0097	<0.00019	<0.0097
MW25-ROX-041117	4/11/2017	35.59 - 45.59	34.31	NE	<0.0095	<0.0095	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	0.00024	0.000033 J	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	0.0042 J	<0.00019	<0.0095	
MW-26	MW26-ROX-102114	10/21/2014	38.15 - 48.15	39.43	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011
	MW26-ROX-011215	1/12/2015		41.09	NE	<0.0052	<0.0052	<0.021	<0.025	<0.0001	<0.0001		<0.0001	<0.0021	<0.000017 U	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000015 J	<0.0052	<0.0001	<0.01 UJ
	MW26-ROX-040815	4/8/2015		42.52	NE	<0.0052	<0.0052	<0.021	<0.025 UJ	<0.0001	<0.0001		<0.0001	<0.0021	<0.0021	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000052	<0.0052	<0.0001	<0.01
	MW26-ROX-070815	7/8/2015		41.76	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	<0.00011	<0.00011		<0.00011	0.000046 J	0.000065 J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00003 J	<0.0053	<0.00011	<0.011
	MW26-ROX-100615	10/6/2015		39.19	NE	<0.01	0.00055 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000083 J	0.00013 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW26-ROX-010716	1/7/2016		39.55	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW26-ROX-040616	4/6/2016		38.44	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW26-ROX-071216	7/12/2016		37.74	NE	<0.01	0.00058 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	MW26-ROX-101016	10/10/2016		37.13	NE	<0.01	0.00051 J J	<0.03	<0.01 UJ	<0.0002	<0.0002	<0.01	<0.0002	0.0001 J	0.00016 J	<0.01	<0.02 UJ	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW26-ROX-010617	1/6/2017		36.74	NE	<0.0093	0.00042 J	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093
MW26-ROX-041417	4/14/2017	38.15 - 48.15	36.91	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
MW-27	MW27-ROX-102114	10/21/2014	39.79 - 49.79	41.57	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	<0.0053	<0.00011	<0.011
	MW27-ROX-011515	1/15/2015		42.06	NE	0.00026 J J	<0.0053 UJ	<0.021	<0.025 UJ	<0.00011	0.000023 J J		0.000047 J J	<0.0021	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000028 J J	<0.0053	0.000019 J J	<0.011
	MW27-ROX-041015	4/10/2015		43.22	NE	<0.0054	<0.0054	<0.022	<0.025	0.000024 J J	<0.00011		<0.00011	0.000036 J	0.00									

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
						Analytical Results (mg/L)																		
MW-28	MW28-ROX-102114	10/21/2014	33.61 - 43.61	36.44	NE	0.00026 J	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	0.00075 J	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000017 J	<0.0053	<0.00011	<0.011
	MW28-ROX-011515	1/15/2015		41.14	NE	0.00033 J J	<0.0055	<0.022	<0.025 UJ	<0.00011	<0.00011		<0.00011	0.00047 J	<0.0022	<0.011	<0.011	<0.0055	<0.011	<0.011	<0.000055	<0.0055	<0.00011	<0.011
	MW28-ROX-041415	4/14/2015		42.34	NE	<0.0057	<0.0057	<0.023	<0.025	<0.00011	<0.00011		0.000035 J	0.00024 J	0.000037 J	<0.011	<0.011	<0.0057	<0.011	<0.011	<0.000057	<0.0057	<0.00011	<0.011
	MW28-ROX-071515	7/15/2015		42.19	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.00021 J J	0.0001 JB J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.00002 J	<0.0056	<0.00011	<0.011
	MW28-ROX-101215	10/12/2015		40.04	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000069 J	0.00007 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW28-ROX-101215-DUP	10/12/2015		40.04	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000033 J	0.000028 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW28-ROX-011416	1/14/2016		39.98	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.013	<0.0002	<0.01
	MW28-ROX-041216	4/12/2016		39.20	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000048 J	0.000055 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW28-ROX-071416	7/14/2016		38.49	NE	<0.01	<0.0084 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	MW28-ROX-101316	10/13/2016		37.86	NE	<0.0098	<0.0098	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	0.000057 J	0.000034 J	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098
MW28-ROX-011217	1/12/2017	37.14	NE	<0.0093	0.00049 J B	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	<0.00019	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	0.0028 J	<0.00019	<0.0093		
MW28-ROX-041717	4/17/2017	33.61 - 43.61	38.02	NE	<0.0099	<0.0099	<0.03	<0.0099	<0.0002	<0.0002	<0.0099	<0.0002	0.00016 J	0.000092 J	<0.0099	<0.02	<0.0099	<0.0099	<0.02	<0.0002	<0.0099	<0.0002	<0.0099	
P-54	P54-ROX-071114	7/10/2014	38.00 - 63.00	41.71	NE	<0.00028 U	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.00011 J	0.00013 J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000051 U	<0.0054	<0.00011	<0.011 UJ
	P54-ROX-100814	10/8/2014		40.88	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011 UJ
	P54-ROX-011415	1/14/2015		41.79	NE	<0.0056	<0.0056	<0.022	<0.025 UJ	0.000021 J J	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	0.00002 J	<0.0056	0.00003 J	<0.011
	P54-ROX-041015	4/10/2015		43.20	NE	<0.0053	<0.0053	<0.021	<0.025	0.00002 J J	<0.00011		<0.00011	0.000024 J	0.000046 J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000025 JB J	<0.0053	0.000018 J	<0.011
	P54-ROX-070915	7/9/2015		42.25	NE	<0.0052	<0.0052	<0.021	<0.025 UJ	<0.0001	0.000019 J		<0.0001	0.000089 J	0.00015 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000041 J	<0.0052	<0.0001	<0.01
	P54-ROX-100915	10/9/2015		40.20	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000037 J	0.000063 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	P54-ROX-011216	1/12/2016		40.22	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	P54-ROX-041216	4/12/2016		39.42	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	P54-ROX-071216	7/12/2016		38.44	NE	<0.01	0.00083 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000038 J	0.000049 J J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	P54-ROX-101216	10/12/2016		37.85	NE	<0.0098	0.00086 J	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	0.000038 J	0.000043 J	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098
P54-ROX-010917	1/9/2017	37.80	NE	<0.01	<0.00053 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01		
P54-ROX-041717	4/17/2017	38.00 - 63.00	38.10	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
P-56	P56-ROX-070814	7/8/2014	40.82 - 65.82	45.97	NE	<0.0056	<0.0056	<0.022	<0.025 UJ	<0.00011	0.00036		<0.00011	0.0181	0.0243	<0.011	0.0165	<0.0056	<0.011	<0.011	0.001	<0.0056	<0.00011	<0.011
	P56-ROX-101314	10/13/2014		45.05	NE	<0.00035 U	<0.0054	<0.022	<0.025	<0.00011	0.00041		<0.00011	0.0235	0.0296	<0.011	<0.011	<0.0054	<0.011	<0.011	0.0015	<0.0054	<0.00011	<0.011 UJ
	P56-ROX-011915	1/19/2015		46.58	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	0.0003		<0.00011	0.0197	0.0223	<0.011	<0.011	<0.0054	<0.011	<0.011	0.0011	<0.0054	0.00003 J	<0.011
	P56-ROX-041515	4/15/2015		48.05	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	0.00041		<0.00011	0.026	0.0293	<0.011	0.0011 J	<0.0054	<0.011	<0.011	0.0013	<0.0054	0.000027 J J	<0.011
	P56-ROX-071015	7/10/2015		47.34	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	0.00033		<0.00011	0.0262	0.0119	<0.011	<0.011	<0.0053	<0.011	<0.011	0.0014	<0.0053	0.000029 J	<0.011
	P56-ROX-101415	10/14/2015		44.85	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00018 J	<0.01	<0.0002	0.013	0.011 J	<0.01	0.29	<0.01	<0.01	<0.02	0.00082	<0.01	<0.0002	<0.01 UJ
	P56-ROX-011116	1/11/2016		44.78	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00044	<0.01	<0.0002	0.021	0.019	<0.01	0.0028 J	<0.01	<0.01	<0.02	0.0014	<0.01	<0.0002	<0.01
	P56-ROX-041416	4/14/2016		43.73	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00014 J	<0.01	<0.0002	0.02	0.021	<0.01	<0.02	<0.01	<0.01	<0.02	0.0011	<0.01	<0.0002	<0.01
	P56-ROX-071216	7/12/2016		42.87	NE	<0.01	0.00093 J J	<0.03	<0.01	<0.0002	0.00019 J	<0.01	<0.0002	0.011	0.011	<0.01	<0.02	<0.01	<0.01	<0.02	0.00053	<0.01	<0.0002	<0.01 UJ
	P56-ROX-101716	10/17/2016		42.35	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0069	0.0029	<0.01	<0.02	<0.01	<0.01	<0.02	0.00079	<0.01	<0.0002	<0.01
P56-ROX-011217	1/12/2017	42.01	NE	<0.0097	<0.00078 U	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	0.023	0.025	<0.0097	0.0024 J	<0.0097	<0.0097	<0.019	0.0012	<0.0097	0.000029 J	<0.0097		
P56-ROX-040617	4/6/2017	40.82 - 65.82	42.46	NE	<0.01	<0.01 UJ	<0.03	<0.01	<0.0002	0.000095 J	<0.01	<0.0002	0.0037	0.001	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																			
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																			
P-57	P57-ROX-070814	7/8/2014	40.46 - 65.46	45.95	NE	0.00026 J	<-0.0053	<-0.021	<-0.025 UJ	<-0.00011 UJ	0.00055	0.024 JN	<-0.00011	0.022	0.0306	<-0.011	0.0303	<-0.0053	<-0.011	<-0.011	0.00047	0.141	<-0.00011	<-0.011	
	P57-ROX-070814-DUP	7/8/2014		45.95	NE	0.00027 J	<-0.0054	<-0.022	<-0.025 UJ	<-0.00011 UJ	0.00054	0.023 JN	<-0.00011	0.022	0.03	<-0.011	0.0299	<-0.0054	<-0.011	<-0.011	0.00048	0.136	<-0.00011	<-0.011	
	P57-ROX-101414-DUP	10/14/2014		45.00	NE	<-0.00082 U	<-0.0058	<-0.023	<-50	<-0.00012	0.00065		<-0.00012	0.0243	0.0338	<-0.012	0.0138	<-0.0058	<-0.012	<-0.012	0.00058	0.271 J	<-0.00012	<-0.012	
	P57-ROX-101414	10/14/2014	45.00	NE	<-0.00086 U	<-0.0056	<-0.022	<-50	<-0.00011	0.00068		<-0.00011	0.026	0.0345	<-0.011	0.0152	<-0.0056	<-0.012	<-0.011	0.00059	0.274 J	<-0.00011	<-0.011		
	P57-ROX-012315	1/23/2015	44.19 - 54.19	47.52	NE	0.00039 J	<-0.0053	<-0.021	<-13	<-0.00002 U	0.00098		<-0.00011	0.0385	0.0507	<-0.011	0.0044 J	<-0.0053	<-0.011	<-0.011	0.00062	0.159	<-0.000027 U	<-0.011 UJ	
	P57-ROX-042015	4/20/2015		48.73	NE	0.00037 J	<-0.0052	<-0.021	<-1.3 UJ	<-0.0001	0.00089		<-0.0001	0.0312	0.045	<-0.01	<-0.01	<-0.0052	<-0.01	<-0.01	0.0007	0.164	0.000021 J	<-0.01	
	P57-ROX-071315	7/13/2015		47.81	NE	0.00044 J	<-0.0053	<-0.021	<-25	<-0.00011	0.00082		<-0.00011	0.0302	0.0464	<-0.011	<-0.011	<-0.0053	<-0.011	<-0.011	0.00064	0.189	0.00002 J	<-0.011	
	P57-ROX-101515	10/15/2015		45.56	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.0002	0.00045	<-0.01	<-0.0002	0.018	0.026	<-0.01	0.038	<-0.01	<-0.01	<-0.01	<-0.02	<-0.0002	0.87	<-0.0002	<-0.01
	P57-ROX-011216	1/12/2016		45.61	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.001	0.00089 J	0.0037 J	<-0.001	0.038	0.057	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	0.00071 J	0.21	<-0.001	<-0.01	
	P57-ROX-041816	4/18/2016		44.80	NE	<-0.01 UJ	<-0.01 UJ	<-0.03 UJ	<-0.01 UJ	<-0.0002 UJ	0.00044 H J	0.0012 J H J	<-0.0002 UJ	0.019 H J	0.027 H J	<-0.01 UJ	0.0012 J H J	<-0.01 UJ	<-0.01 UJ	<-0.02 UJ	0.00037 H J	0.42 H J	<-0.0002 UJ	<-0.01 UJ	
	P57-ROX-071316	7/13/2016		44.02	NE	<-0.01	<-0.00069 U	<-0.03	<-0.01	<-0.001	0.00053 J	<-0.01	<-0.001	0.026	0.036	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	0.00053 J	0.73	<-0.001	<-0.01 UJ	
	P57-ROX-101816	10/18/2016		43.17	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.0002	0.00064	0.0013 J	<-0.0002	0.027	0.037	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	0.00064	1.1	<-0.0002	<-0.01	
	P57-ROX-011617	1/16/2017		42.82	NE	<-0.0098	<-0.0098	<-0.029	<-0.0098	<-0.0002	0.00045	<-0.0098	<-0.0002	0.023	0.03	<-0.0098	<-0.02	<-0.0098	<-0.0098	<-0.02	0.00041	2.1	<-0.0002	<-0.0098	
P57-ROX-040717	4/7/2017	44.19 - 54.19		43.05	NE	<-0.0097 UJ	<-0.0097 UJ	<-0.029 UJ	<-0.0097 UJ	<-0.001	0.00038 J J	0.001 J H J	<-0.001	0.019	0.025	<-0.0097 UJ	<-0.019 UJ	<-0.0097 UJ	<-0.0097 UJ	<-0.019 UJ	0.0002 J	0.95 H J	<-0.001	<-0.0097 UJ	
P-58	P58-ROX-071814	7/18/2014	40.21 - 65.21	43.80	NE	<-0.00032 U	<-0.0055	<-0.022 UJ	<-25 UJ	0.00062 J	0.0012	0.0005	0.0412	0.0554	<-0.011	0.012	<-0.0055	<-0.011	<-0.011	0.00092	0.173	0.00022	<-0.011		
	P58-ROX-101514	10/15/2014		43.14	NE	<-0.0054	<-0.0054	<-0.022	<-13	0.00064 J	0.0015	<-0.0054	<-0.00011	0.0504	0.0674	<-0.011	0.0237	<-0.0054	<-0.011	<-0.011	0.001	0.145	0.00024	<-0.011	
	P58-ROX-012315	1/23/2015		45.32	NE	0.00038 J	<-0.0053	<-0.021	<-25	<-0.000028 U	0.0011		<-0.00011	0.0428	0.0565	<-0.011	0.0025 J	<-0.0053	<-0.011	<-0.011	0.00064	0.162	0.000097 JB	<-0.011 UJ	
	P58-ROX-042015	4/20/2015		46.67	NE	0.00028 J	<-0.0052	<-0.021	<-0.25 UJ	0.000048 J	0.0012		<-0.0001	0.0444	0.0563	<-0.01	0.0047 J	<-0.0052	<-0.01	<-0.01	0.00075	0.112	0.00019	<-0.01	
	P58-ROX-071415	7/14/2015		45.54	NE	0.00081 J	<-0.0055	<-0.022	<-25	0.000054 J	0.0011		<-0.00011	0.04	0.055	<-0.011	0.0165	<-0.0055	<-0.011	<-0.011	0.00083	0.153	0.00023	<-0.011	
	P58-ROX-101615	10/16/2015		43.45	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.0002	0.00038	<-0.01	<-0.0002	0.016	0.021	<-0.01	0.013 J	<-0.01	<-0.01	<-0.02	0.00021	0.23	0.000062 J	<-0.01	
	P58-ROX-011316	1/13/2016		43.18	NE	<-0.01	<-0.01	<-0.03	<-0.01	0.000063 J	0.0012	0.0025 J	<-0.0002	0.062	0.083	<-0.01	0.015 J	<-0.01	<-0.01	<-0.02	0.00087	0.068	0.00017 J	<-0.01	
	P58-ROX-041816	4/18/2016		42.68	NE	<-0.01 UJ	<-0.01 UJ	<-0.03 UJ	<-0.01 UJ	<-0.0002 UJ	0.0012 H J	0.002 J H J	<-0.0002 UJ	0.061 H J	0.077 H J	<-0.01 UJ	0.0035 J H J	<-0.01 UJ	<-0.01 UJ	<-0.02 UJ	0.001 H J	0.45 H J	0.00024 H J	<-0.01 UJ	
	P58-ROX-071516	7/15/2016		42.05	NE	0.004 J	<-0.00098 U	<-0.03	<-0.01	<-0.0002	0.00063	0.0013 J	<-0.0002	0.024	0.033	<-0.01	<-0.02	<-0.01	<-0.01	0.002 J	0.00032	0.21	<-0.0002	<-0.01 UJ	
	P58-ROX-101816	10/18/2016		41.05	NE	<-0.0098	<-0.0098	<-0.029	<-0.0098	<-0.00098	0.00094 J	0.0014 J	<-0.00098	0.042	0.052	<-0.0098	0.0034 J	<-0.0098	<-0.0098	<-0.02	0.00087 J	0.6	0.00018 J	<-0.0098	
	P58-ROX-011617	1/16/2017		40.73	NE	<-0.0095	0.00072 J	<-0.029	<-0.0095	<-0.00095	0.00098	0.0015 J	<-0.00095	0.038	0.045	<-0.0095	0.0041 J	<-0.0095	<-0.0095	<-0.019	0.0008 J	0.33	0.00024 J	<-0.0095	
P58-ROX-041117	4/11/2017	40.21 - 65.21	40.74	NE	<-0.0095	<-0.0095	<-0.028	<-0.0095	<-0.00095	0.0012	<-0.0095	<-0.00095	0.051	0.053	<-0.0095	<-0.019	<-0.0095	<-0.0095	<-0.019	0.0011	0.15	0.00027 J	<-0.0095		
P-59	P59-ROX-070814	7/8/2014	47.91 - 72.91	47.69	NE	0.00045 J	<-0.0057	<-0.023	<-0.025 UJ	0.000053 J J	0.00046		<-0.00011	0.0181	0.0291	0.0793	0.0184	<-0.0057	<-0.011	<-0.011	0.00088	<-0.0057	0.0001 J	<-0.011	
	P59-ROX-101414	10/14/2014		46.18	NE	<-0.00042 U	<-0.0054	<-0.022	<-0.025	<-0.00054	0.00087		<-0.00054	0.0268	0.0425	0.0387	0.0092 J	<-0.0054	<-0.011	<-0.011	0.0015	0.0361	<-0.00054	<-0.011	
	P59-ROX-011915	1/19/2015		47.42	NE	<-0.0054	<-0.0054	<-0.022	<-2.5	0.00014	0.00073		<-0.00011	0.0145	0.0216	0.0789	0.0145	<-0.0054	<-0.011	<-0.011	0.0013	0.0169	0.00027	<-0.011	
	P59-ROX-041615	4/16/2015		48.83	NE	<-0.0054	<-0.0054	<-0.022	<-0.25	0.000078 J	0.00028	0.057 JN	<-0.00011	0.0136	0.0189	0.0661	0.168	<-0.0054	<-0.011	<-0.011	0.00081	0.0909	0.00014	<-0.011	
	P59-ROX-071315	7/13/2015		47.85	NE	<-0.0054	<-0.0054	<-0.022	<-0.63	0.0002	0.00045		<-0.00011	0.0045	0.0049	0.044	0.0123	<-0.0054	<-0.011	<-0.011	0.00064	0.0062	0.00039	<-0.011	
	P59-ROX-101515	10/15/2015		45.75	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.0002	<-0.002	0.0091 J	<-0.0002	0.014	0.014	0.093	0.061	<-0.01	<-0.01	<-0.02	<-0.0002	0.072	<-0.0002	<-0.01 UJ	
	P59-ROX-011216	1/12/2016		46.10	NE	<-0.01	0.00049 J	<-0.03	<-0.01	0.00017 J	0.00055 J	0.018	<-0.001	0.017	0.026	0.012	0.0068 J	<-0.01	<-0.01	<-0.02	0.00089 J	<-0.01	0.00019 J	0.0047 J	
	P59-ROX-041816	4/18/2016		44.28	NE	<-0.01 UJ	<-0.01 UJ	<-0.03 UJ	<-0.01 UJ	0.00022 J	0.00024 J	0.011 J	0.000044 J J	0.011 J	0.017 J	0.0021 J J	0.0033 J J	<-0.01 UJ	<-0.01 UJ	<-0.02 UJ	0.000093 J J	0.044 J	0.00016 J J	<-0.01 UJ	
	P59-ROX-071316	7/13/2016		44.01	NE	<-0.01	<-0.00079 U	<-0.03	<-0.01	<-0.001	<-0.001	<-0.01	<-0.001	0.018	0.021	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	<-0.001	<-0.01	<-0.001	<-0.01 UJ	
	P59-ROX-101816	10/18/2016		43.39	NE	<-0.0098	<-0.0098	<-0.029	<-0.0098	<-0.0002	<-0.0002	<-0.0098	<-0.0002	0.022	0.037	<-0.0098	<-0.02	<-0.0098	<-0.0098	<-0.02	<-0.0002	0.094	<-0.0002	<-0.0098	
	P59-ROX-011617	1/16/2017		42.83	NE	<-0.0099	0.00077 J	<-0.03	<-0.0099	<-0.00099	0.00041 J	0.016	<-0.00099	0.019	0.027	<-0.0099	<-0.02	<-0.0099	<-0.0099	<-0.02	0.001	0.075	0.00014 J	<-0.0099	
P59-ROX-040717	4/7/2017	47.91 - 72.91	43.31	NE	<-0.0097 UJ	<-0.0097 UJ	<-0.029 UJ	<-0.0097 UJ	0.00012 J	0.00023 J	0.016 H J	<-0.00095													

TABLE 3
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						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹	0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹	0.001 ¹	0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
P-66	P66-ROX-070714	7/7/2014	34.72 - 59.72	35.60	NE	0.0003 J	<0.0056	<0.022	<0.025	<0.00011	0.00078	<0.00011	0.0445	0.006	<0.011	<0.011	<0.0056	<0.011	<0.011	0.00041 J	<0.0056	<0.00011	<0.011	
	P66-ROX-101414	10/14/2014		34.48	NE	<0.00066 U	<0.0055	<0.022	<0.025	<0.00011	0.0011	<0.00011	0.0595	0.0075	<0.011	<0.011	<0.0055	<0.011	<0.011	0.00064	<0.0055	0.000043 J	<0.011	
	P66-ROX-011615	1/16/2015		36.62	NE	<0.00022 U	<0.0053	<0.021	<0.025	0.000047 J J	0.0014	<0.00011	0.0739	0.0178	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00072 J	<0.0053	0.000077 J J	<0.011	
	P66-ROX-011615-DUP	1/16/2015		36.62	NE	<0.0054	<0.0054	<0.022	<0.025	0.001 J	0.0015	0.00014	0.0682	0.0165	<0.011	<0.011	<0.0054	<0.011	<0.011	0.0016 J	<0.0054	0.00086 J	<0.011	
	P66-ROX-041415	4/14/2015		38.27	NE	<0.0054	<0.0054	<0.022	<0.025	0.00005 J	0.0013	<0.00011	0.0665	0.02	<0.011	<0.011	<0.0054	<0.011	<0.011	0.00062	<0.0054	0.000053 J	<0.011	
	P66-ROX-041415-DUP	4/14/2015		38.27	NE	<0.0053	<0.0053	<0.021	<0.025	0.000038 J	0.0013	<0.00011	0.0627	0.0187	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00059	<0.0053	0.000041 J	<0.011	
	P66-ROX-070815	7/8/2015		37.24	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	0.000027 J	0.0011	<0.00011	0.0546	0.0075	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00053	<0.0053	0.000028 J	<0.011	
	P66-ROX-070815-DUP	7/8/2015		37.24	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	0.000024 J	0.0011	<0.00011	0.0574	0.0077	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00056	<0.0053	0.00004 J	<0.011	
	P66-ROX-101315	10/13/2015		34.84	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.001 J	<0.0002	0.034	0.0025	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	P-66-ROX-010816	1/8/2016		34.64	NE	<0.01	<0.01	<0.03	<0.01	0.000037 J	0.0012	<0.01	0.000049 J	0.084 E J	0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.00055	<0.01	0.000043 J	<0.01
	P66-ROX-041516	4/15/2016		34.33	NE	<0.01	<0.01	<0.03	<0.01	0.000042 J	0.00049	<0.01	<0.0002	0.027	0.0099	<0.01	<0.02	<0.01	<0.01	<0.02	0.00035	<0.01	0.000054 J	<0.01
	P66-ROX-071116	7/11/2016		33.58	NE	<0.01	<0.01	<0.03	<0.01	<0.001	0.00091 J	<0.01	<0.001	0.062	0.013	<0.01	<0.02	<0.01	<0.01	<0.02	0.00054 J	<0.01	<0.001	<0.01 UJ
	P66-ROX-101416	10/14/2016		32.61	NE	<0.0095 UJ	<0.0095 UJ	<0.029 UJ	<0.0095 UJ	<0.00095	0.001 *	0.0028 J H J	<0.00095	0.056	0.028	<0.0095 UJ	<0.019 UJ	<0.0095 UJ	<0.0095 UJ	<0.019 UJ	<0.00095	<0.0095 UJ	0.00011 J *	<0.0095 UJ
	P66-ROX-011117	1/11/2017		32.41	NE	<0.0097	<0.0097	<0.029	<0.0097	<0.00097	<0.00097	0.006 J	<0.00097	0.011	<0.00097	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00097	<0.0097	0.00015 J	<0.0097
P66-ROX-041317	4/13/2017	32.19	NE	<0.0098	<0.0098	<0.03	<0.0098	<0.0002	0.00053	0.001 J	<0.0002	0.022	0.0058	<0.0098	<0.02	<0.0098	<0.0098	<0.02	0.0001 J	<0.0098	0.000058 J	<0.0098		
P-74	P74-ROX-070814	7/8/2014	44.43 - 69.43	43.02	NE	0.00039 J	<0.0057	<0.023	<0.025 UJ	<0.00011	0.00011	<0.00011	0.0034	0.003	<0.011	<0.011	<0.0057	<0.011	<0.011	0.000054 J	<0.0057	<0.00011	<0.011	
	P74-ROX-101414	10/14/2014		41.48	NE	<0.0019 U	<0.005	<0.02	<0.025	<0.0001	<0.0001	<0.0001	<0.002	<0.002	<0.01	<0.01	<0.005	<0.01	<0.01	<0.00005	<0.005	<0.0001	<0.01	
	P74-ROX-011915	1/19/2015		43.47	NE	<0.0053	<0.0053	<0.021	<0.025	0.000053 J	0.00023	<0.00011	0.0077	0.0107	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00015 B	0.0169	0.000038 J	<0.011	
	P74-ROX-041515	4/15/2015		44.61	NE	<0.0052	<0.0052	<0.021	<0.025	<0.0001	<0.0001	<0.0001	<0.0021	<0.0021	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000052	<0.0052	<0.0001	<0.01	
	P74-ROX-071015	7/10/2015		43.28	NE	<0.0054	<0.0054	<0.022	<0.025	0.000019 J	<0.00011	<0.00011	0.00002 JB J	0.000029 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011	
	P74-ROX-101415	10/14/2015		41.75	NE	<0.01	0.00089 J	<0.03	<0.01	<0.0002	0.00012 J	0.0022 J	<0.0002	0.0032	0.0031	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.1	0.000037 J	<0.01 UJ
	P74-ROX-011116	1/11/2016		40.67	NE	<0.01	0.00063 J B	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	P74-ROX-041516	4/15/2016		40.40	NE	<0.01	<0.01	<0.03	<0.01	0.000022 J	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.00002 J	<0.01
	P74-ROX-071216	7/12/2016		39.56	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0011	0.0011	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ
	P74-ROX-101416	10/14/2016		39.44	NE	<0.0095 UJ	0.00047 J H J	<0.029 UJ	<0.0095 UJ	<0.00019	0.000086 J *	<0.0095 UJ	<0.00019	0.0017	0.0018	<0.0095 UJ	<0.019 UJ	<0.0095 UJ	<0.0095 UJ	<0.019 UJ	0.000034 J * J	<0.0095 UJ	<0.00019	<0.0095 UJ
	P74-ROX-011217	1/12/2017		38.64	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	0.000037 J	<0.01
P74-ROX-040717	4/7/2017	38.92	NE	<0.01 UJ	<0.01 UJ	<0.031 UJ	<0.01 UJ	<0.00022	<0.00022	<0.01 UJ	<0.00022	<0.00022	<0.00022	<0.01 UJ	<0.021 UJ	<0.01 UJ	<0.01 UJ	<0.021 UJ	<0.00022	<0.01 UJ	<0.00022	<0.01 UJ		

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																		
P-93A	P93A-ROX-071814	7/18/2014	48.17 - 63.17	45.70	NE	<0.00077 U	<0.0057	<0.023 UJ	<13 UJ	<0.00011	0.00024		<0.00011	0.0084	0.0053	<0.011	<0.011	0.0059	<0.011	<0.011	0.00017 B	0.0355	<0.00011	<0.011
	P93A-ROX-071814-DUP	7/18/2014		45.70	NE	<0.00041 U	<0.0057	<0.023 UJ	<13 UJ	<0.00011	0.00025		<0.00011	0.0095	0.0062	<0.011	<0.011	0.0052 J	<0.011	<0.011	0.00017 B	0.0396	<0.00011	<0.011
	P93A-ROX-101514	10/15/2014		45.06	NE	0.00024 J	<0.0052	<0.021	<13	<0.00011	0.00037		<0.00011	0.0114	0.0095	<0.011	<0.011	<0.0052	<0.011	<0.011	0.0003	0.0471	<0.00011	<0.011
	P93A-ROX-101514-DUP	10/15/2014		45.06	NE	0.00046 J J	<0.0054 UJ	<0.022 UJ	<13	<0.00011 UJ	0.00039 J		<0.00011 UJ	0.0122 J	0.0101 J	<0.011 UJ	<0.011 UJ	0.0011 J J	<0.011 UJ	<0.011 UJ	0.0003 J	0.05 J	<0.00011 UJ	<0.011 UJ
	P93A-ROX-012715	1/27/2015	43.07 - 53.07	46.05	NE	<0.005	<0.005	<0.025	<0.2 UJ	<0.001	<0.001		<0.0002	0.008	0.0038	<0.005	<0.005	<0.005	<0.005	<0.025	0.00026 J	0.09	<0.001	<0.01
	P93A-ROX-041715	4/17/2015		47.02	NE	<0.0053	<0.0053	<0.021	<0.025 UJ	0.000017 J	0.00021		<0.00011	0.0061	0.0028	<0.011	0.00063 J	<0.0053	<0.011	<0.011	0.00018	0.0251	0.000026 J	<0.011
	P93A-ROX-071315	7/13/2015		45.93	NE	0.00064 J	<0.0052	<0.021	<2.5	0.000025 J	0.00022		<0.00011	0.0056	0.0032	<0.011	<0.011	<0.0052	<0.011	<0.011	0.00018	0.128	0.000032 J	<0.011
	P93A-ROX-101515	10/15/2015		43.69	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00012 J	<0.01	<0.0002	0.0041	0.0016	<0.011	0.0021 J	<0.011	<0.011	<0.02	0.000086 J	0.078	<0.0002	<0.011
	P93A-ROX-101515-DUP	10/15/2015		43.69	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00013 J	<0.01	<0.0002	0.004	0.0016	<0.011	0.0023 J	<0.011	<0.011	<0.02	0.000092 J	0.082	<0.0002	<0.011
	P-93A-ROX-011216	1/12/2016		43.73	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0047 J	0.0018 J	<0.011	0.002 J	<0.011	<0.011	<0.02	0.00011 J	0.24	<0.0002	<0.011
	P-93A-ROX-011216-DUP	1/12/2016		43.73	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00018 J	<0.01	<0.0002	0.0064 J	0.0031 J	<0.011	0.003 J	<0.011	<0.011	<0.02	0.00013 J	0.19	<0.0002	<0.011
	P93A-ROX-041916	4/19/2016		43.08	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00051	0.00016 J	<0.011	<0.02	<0.011	<0.011	<0.02	0.000039 J	0.0061 J	<0.0002	<0.011
	P93A-ROX-041916-DUP	4/19/2016		43.08	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00062	0.00025	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.0056 J	<0.0002	<0.011
	P93A-ROX-071316	7/13/2016		42.20	NE	<0.01	<0.0012 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00022	0.0001 J	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.0051 J	<0.0002	<0.011 UJ
	P93A-ROX-071316-DUP	7/13/2016		42.20	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	0.00007 J	<0.01	<0.0002	0.00025	0.00012 J	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.0078 J	<0.0002	<0.011 UJ
	P93A-ROX-101816	10/18/2016		41.35	NE	<0.01	0.00093 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00014 J	0.000068 J	<0.011	<0.02	<0.011	0.00067 J	<0.02	<0.0002	0.042	<0.0002	<0.011
	P93A-ROX-101816-DUP	10/18/2016		41.35	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.00018 J	0.000093 J	<0.011	<0.02	<0.011	0.0017 J	<0.02	<0.0002	0.051	<0.0002	<0.011
	P93A-ROX-011217	1/12/2017		41.04	NE	<0.0098	0.0008 J B	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	0.00013 J	0.000095 J	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098
	P93A-ROX-011217-DUP	1/12/2017		41.04	NE	<0.011	0.0006 J B	<0.032	<0.011	<0.00021	<0.00021	<0.011	<0.00021	0.00015 J	0.0001 J	<0.011	<0.021	<0.011	<0.011	<0.021	<0.00021	<0.011	<0.00021	<0.011
	P93A-ROX-040717	4/7/2017		43.07 - 53.07	41.26	NE	<0.0095 UJ	<0.0095 UJ	<0.029 UJ	<0.0095 UJ	0.000045 J	<0.00019	<0.0095 UJ	0.0002	<0.00019	<0.00019	<0.0095 UJ	<0.019 UJ	<0.0095 UJ	<0.0095 UJ	<0.019 UJ	<0.00019	0.0077 J H J	0.000035 J
P93A-ROX-040717-DUP	4/7/2017	41.26	NE	<0.011 UJ	<0.011 UJ	<0.032 UJ	<0.011 UJ	<0.00021	<0.00021	<0.011 UJ	<0.00021	0.000046 J	<0.00021	<0.00021	<0.011 UJ	<0.021 UJ	<0.011 UJ	<0.021 UJ	<0.00021	0.01 J H J	<0.00021	<0.011 UJ		
P-93B	P93B-ROX-071714	7/17/2014	74.60 - 76.60	45.75	NE	<0.00046 U	<0.0052	<0.021	<0.025 UJ	<0.00011	<0.00011		<0.00011	<0.00021	<0.00021	<0.011	<0.011	<0.0052	<0.011	<0.011	<0.000023 U	<0.0052 UJ	<0.00011	<0.011
	P93B-ROX-101514	10/15/2014		45.15	NE	0.00024 J	<0.0056	<0.022	<13	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	0.128	<0.00011	<0.011
	P93B-ROX-012315	1/23/2015		47.24	NE	0.00025 J	<0.0053	<0.021	<25	<0.00011	<0.000017 U		<0.00011	0.00002 J	<0.0021	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	0.0979	<0.00011	<0.011 UJ
	P93B-ROX-012315-DUP	1/23/2015		47.24	NE	0.00031 J	<0.0053	<0.021	<25	<0.00011	<0.00011		<0.00011	0.000023 J	0.000041 J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000024 U	0.123	<0.00011	<0.011 UJ
	P93B-ROX-021915	2/19/2015	47.24	NE				<100																
	P93B-ROX-041615	4/16/2015	48.42	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	<0.00011		<0.00011	0.000034 JB J	0.00008 JB J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	0.104 J	<0.00011	<0.011	
	P93B-ROX-041615-DUP	4/16/2015	48.42	NE	<0.0053	<0.0053	<0.021	<25	<0.00011	0.00002 J		<0.00011	0.000028 JB J	0.000048 JB J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	0.08 J	<0.00011	<0.011	
	P93B-ROX-070915	7/9/2015	47.74	NE	<0.0051	<0.0051	<0.02	<130 UJ	0.000035 J	0.000031 J		<0.00011	0.000041 J	0.000059 J	<0.011	<0.011	<0.0051	<0.011	<0.011	0.000054 J	0.101	0.000025 J	<0.011	
	P93B-ROX-070915-DUP	7/9/2015	47.74	NE	<0.0051	<0.0051	<0.02	<50 UJ	0.000029 J	0.000095 J		<0.00011	0.000058 J	0.000077 J	<0.011	<0.011	<0.0051	<0.011	<0.011	0.000031 J	0.0909	<0.00011	<0.011	
	P93B-ROX-101515	10/15/2015	45.18	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.18	<0.0002	<0.011 UJ	
	P93B-ROX-011316	1/13/2016	44.96	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.071	<0.0002	<0.011	
	P93B-ROX-041916	4/19/2016	44.54	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.21	<0.0002	<0.011	
	P93B-ROX-071516	7/15/2016	43.65	NE	<0.01	<0.0011 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.41	<0.0002	<0.011 UJ	
	P93B-ROX-101816	10/18/2016	42.73	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.085	<0.0002	<0.011	
	P93B-ROX-011017	1/10/2017	42.41	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.011	<0.02	<0.011	<0.011	<0.02	<0.0002	0.35	<0.0002	<0.011	
	P93B-ROX-011017-DUP	1/10/2017	42.41	NE	<0.0098	<0.0098	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	<0.0002	<0.0002	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	0.17	<0.0002	<0.0098	
P93B-ROX-040617	4/6/2017	74.60 - 76.60	42.59	NE	<0.0095																			

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																			
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³	
						Analytical Results (mg/L)																			
P-93C	P93C-ROX-071714	7/17/2014	94.26 - 96.26	45.61	NE	<0.00035 U	<0.0052	<0.021	<0.025	<0.0001	<0.0001		<0.0001	<0.00021	<0.00021	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000024 U	<0.0087 UJ	<0.0001	<0.01	
	P93C-ROX-101514	10/15/2014		44.99	NE	<0.0056	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000056	<0.0056	<0.00011	<0.011	
	P93C-ROX-011915	1/19/2015	92.47 - 97.47	48.22	NE	<0.0054	<0.0054	<0.022	<2.5	<0.00011	<0.00011		<0.00011	<0.000033 U	<0.000042 U	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000033 U	0.0309	<0.00011	<0.011	
	P93C-ROX-021915	2/19/2015		48.22	NE				<200																
	P93C-ROX-041615	4/16/2015		48.22	NE	<0.0054	<0.0054	<0.022	<2.5	<0.00011	<0.00011		<0.00011	0.00006 JB J	0.000084 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000024 J	0.0215	<0.00011	<0.011	
	P93C-ROX-071315	7/13/2015		47.09	NE	<0.0054	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.000095 JB J	0.00016 JB J	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.000054	<0.0054	<0.00011	<0.011	
	P93C-ROX-101415	10/14/2015		44.91	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0001 J	0.00013 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ	
	P-93C-ROX-010816	1/8/2016		44.68	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	P93C-ROX-041816	4/18/2016		44.06	NE	<0.01 UJ	<0.01 UJ	<0.03 UJ	<0.01 UJ	0.000023 J J	<0.0002 UJ	<0.01 UJ	<0.0002 UJ	0.000089 J J	0.00013 J J	<0.01 UJ	<0.02 UJ	<0.01 UJ	<0.01 UJ	<0.02 UJ	<0.0002 UJ	<0.01 UJ	<0.0002 UJ	<0.01 UJ	
	P93C-ROX-071216	7/12/2016		43.37	NE	<0.01	0.00053 J J	<0.03	<0.01	<0.0002	<0.0002	<0.01	0.000044 J	0.000055 J	0.000053 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ	
	P93C-ROX-101816	10/18/2016		42.49	NE	<0.0095	0.00046 J	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	0.000048 J	0.000063 J	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095	
	P93C-ROX-011117	1/11/2017		42.20	NE	<0.0098	0.00062 J	<0.029	<0.0098	<0.0002	<0.0002	<0.0098	<0.0002	<0.0002	<0.0002	<0.0098	<0.02	<0.0098	<0.0098	<0.02	<0.0002	<0.0098	<0.0002	<0.0098	
P93C-ROX-040517	4/5/2017	42.19	NE	<0.0095	<0.0095	<0.028	<0.0095	<0.00019	<0.00019	<0.0095	0.000051 J	0.000033 J	0.000037 J	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095			
P-93D	P93D-ROX-071714	7/17/2014	125.75 - 127.75	45.78	NE	<0.00025 U	<0.0052	<0.021	<0.025	<0.0001	<0.0001		<0.0001	<0.00021	<0.00021	<0.01	<0.01	<0.0052	<0.01	<0.01	<0.000022 U	<0.0052 UJ	<0.0001	<0.01	
	P93D-ROX-101514	10/15/2014		45.14	NE	0.00031 J	<0.0054	<0.022	<0.25	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	<0.011	<0.0054	<0.011	<0.011	0.000019 J	0.0458	<0.00011	<0.011	
	P93D-ROX-110414	11/4/2014		45.14	NE				<0.025																
	P93D-ROX-012315	1/23/2015		42.28	NE	<0.0053	<0.0053	<0.021	<6.3	<0.00011	<0.00011		<0.00011	<0.0021	0.000019 J	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.000053	0.044	<0.00011	<0.011 UJ	
	P93D-ROX-021915	2/19/2015		42.28	NE				<500																
	P93D-ROX-042015	4/20/2015		48.52	NE	<0.0052	<0.0052	<0.021	<2.5 UJ	0.000024 J	0.00002 J		<0.0001	0.00012 J	0.00016 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.000017 J	0.0395	0.000021 J	<0.01	
	P93D-ROX-070915	7/9/2015		47.96	NE	<0.0051	<0.0051	<0.02	<13 UJ	0.000025 J	0.000019 J		<0.0001	0.000026 J	0.000038 J	<0.01	<0.01	<0.0051	<0.01	<0.01	0.000043 J	0.0278	0.000026 J	<0.01	
	P93D-ROX-101515	10/15/2015		45.28	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000021 J	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.071	<0.0002	<0.01	
	P93D-ROX-011316	1/13/2016		45.10	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.063	<0.0002	<0.01	
	P93D-ROX-041916	4/19/2016		44.61	NE	<0.01	0.00057 J	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000032 J	0.000036 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	0.047	<0.0002	<0.01	
	P93D-ROX-071516	7/15/2016		43.83	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01 UJ	
	P93D-ROX-101716	10/17/2016		42.78	NE	<0.0095	<0.0095 UJ	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	<0.00019	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095	
P93D-ROX-011017	1/10/2017	42.59	NE	<0.0097	<0.0005 U	<0.029	<0.0097	<0.00019	<0.00019	<0.0097	<0.00019	<0.00019	<0.00019	<0.0097	<0.019	<0.0097	<0.0097	<0.019	<0.00019	<0.0097	<0.00019	<0.0097			
P93D-ROX-040617	4/6/2017	42.80	NE	<0.0095	<0.0095	<0.028	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	<0.00019	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095			
P-114	P114-ROX-071814	7/18/2014	32.67 - 52.67	30.87	NE	<0.00028 U	<0.0051	<0.02 UJ	<0.025 UJ	<0.0001	<0.0001		<0.0001	<0.0002	<0.0002	<0.01	<0.01	<0.0051	<0.01	<0.01	<0.00012 U	<0.0051	<0.0001	<0.01	
	P114-ROX-101714	10/17/2014		29.43	NE	<0.0057	<0.0057	<0.023	<0.025	<0.00011	<0.00011		<0.00011	<0.0023	<0.0023	<0.011	<0.011	<0.0057	<0.011	<0.011	<0.000057	<0.0057	<0.00011	<0.011 UJ	
	P114-ROX-012115	1/21/2015		31.53	NE	0.00091 J	<0.0056	<0.022	<0.025	<0.00002 U	0.000048 J		<0.00011	<0.000092 U	<0.00012 U	<0.011	<0.011	<0.0056	<0.011	<0.011	<0.000046 U	<0.0056	<0.000042 U	<0.011 UJ	
	P114-ROX-041715	4/17/2015		NM	NE	0.00031 J	<0.0053	<0.021	<0.025 UJ	0.000023 J	<0.00011		<0.00011	0.000025 JB J	0.000029 JB J	<0.011	<0.011	<0.0053	<0.011	<0.011	0.000039 J	<0.0053	0.000027 J	<0.011	
	P114-ROX-070815	7/8/2015		29.16	NE	<0.005	<0.005	<0.02	<0.025 UJ	<0.0001	0.000033 J		<0.0001	<0.002	<0.002	<0.01	<0.01	<0.005	<0.01	<0.01	0.000023 J	<0.005	0.000032 J	<0.01	
P-114R	P114R-ROX-100515	10/5/2015	23.01 - 33.01	28.15	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	P114R-ROX-010716	1/7/2016			NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.000081 J	0.000095 J	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	P114R-ROX-040816	4/8/2016			NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01	
	P114R-ROX-070816	7/8/2016			NE	<0.05	<0.05	<0.15	<0.05	<0.0002	<0.0002	<0.05	<0.0002	<0.0002	<0.0002	<0.05	<0.1	<0.05	<0.05	<0.1	<0.0002	<0.05	<0.0002	<0.05 UJ	
	P114R-ROX-100716	10/7/2016		23.89	NE	<0.0095	<0.0095	<0.029	<0.0095	<0.00019	<0.00019	<0.0095	<0.00019	<0.00019	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	<0.00019	<0.0095	<0.00019	<0.0095	
	P114R-ROX-010617	1/6/2017		24.81	NE	<0.01	<0.0063 U	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	<0.0002	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02					

TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES

						SVOCs																		
Screening Values (mg/L)						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																		
						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
ROST-3-MW	ROST3MW-ROX-071414	7/14/2014	37.81 - 47.81	41.88	NE	<0.0004 U	<0.0054	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.00092	0.00097	<0.011	<0.011	<0.0054	<0.011	<0.011	<0.00016 U	<0.0054	<0.00011	<0.011
	ROST3MW-ROX-100914	10/9/2014		41.31	NE	<0.00026 U	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	0.00075 J	0.00057 J	<0.011	<0.011	<0.0056	<0.011	<0.011	0.00014 B	<0.0056	<0.00011	<0.011
	ROST3MW-ROX-011515	1/15/2015		41.83	NE	0.00045 J J	<0.0057	<0.023	<0.025 UJ	0.000022 J J	0.000035 J J		<0.00011	0.001 J	0.00024 J	<0.011	<0.011	<0.0057	<0.011	<0.011	0.0001 J	<0.0057	0.000033 J J	<0.011
	ROST3MW-ROX-041315	4/13/2015		43.43	NE	<0.0052	<0.0052	<0.021	<0.025	<0.0001	0.00003 J		<0.0001	0.001 J	0.0005 J	<0.01	<0.01	<0.0052	<0.01	<0.01	0.00011	<0.0052	0.000019 J	<0.01
	ROST3MW-ROX-071315	7/13/2015		42.36	NE	<0.0053	<0.0053	<0.021	<0.025	<0.00011	0.000048 J		<0.00011	0.0014 J	0.00084 JB	<0.011	<0.011	<0.0053	<0.011	<0.011	0.00011 B	<0.0053	0.000018 J	<0.011
	ROST3MW-ROX-101215	10/12/2015		40.29	NE	<0.01	0.0028 J	<0.03	<0.01	0.000056 J	0.000086 J	<0.01	0.000092 J	0.0025	0.0023	<0.01	<0.02	<0.01	<0.01	<0.02	0.00018 J	<0.01	0.000056 J	<0.01
	ROST3MW-ROX-011416	1/14/2016		40.30	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.0017	0.0014	<0.01	<0.02	<0.01	<0.01	<0.02	0.000096 J	<0.01	<0.0002	<0.01
	ROST3MW-ROX-041216	4/12/2016		39.69	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	<0.01	<0.0002	0.002	0.00013 J	<0.01	<0.02	<0.01	<0.01	<0.02	0.000081 J	<0.01	<0.0002	<0.01
	ROST3MW-ROX-071416	7/14/2016		38.70	NE	<0.01	<0.00097 U	<0.03	<0.01	<0.0002	0.000043 J	<0.01	<0.0002	0.0013	0.00077	<0.01	<0.02	<0.01	<0.01	<0.02	0.00011 J	<0.01	<0.0002	<0.01
	ROST3MW-ROX-101316	10/13/2016		38.19	NE	<0.0098	<0.0098	<0.029	<0.0098	<0.0002	0.00011 J	<0.0098	<0.0002	0.0033	0.0034	<0.0098	<0.02	<0.0098	<0.0098	<0.02	0.00019 J	<0.0098	<0.0002	<0.0098
ROST3MW-ROX-011117	1/11/2017	37.50	NE	<0.0093	<0.0093	<0.028	<0.0093	<0.00019	<0.00019	<0.0093	<0.00019	0.0038	<0.00019	<0.0093	<0.019	<0.0093	<0.0093	<0.019	<0.00019	<0.0093	<0.00019	<0.0093		
ROST3MW-ROX-041417	4/14/2017	38.07	NE	<0.0095	<0.00064 U	<0.029	<0.0095	<0.00019	0.000065 J	<0.0095	<0.00019	0.0025	<0.00019	<0.0095	<0.019	<0.0095	<0.0095	<0.019	0.000085 J	<0.0095	<0.00019	<0.0095		
ROST-4-PZ(C)	ROST4C-ROX-071114	7/10/2014	34.95 - 44.95	42.22	NE	<0.00031 U	<0.0053	<0.021	<0.025	<0.0001	<0.0001		<0.0001	0.00021	<0.0002	<0.011	<0.011	<0.0053	<0.011	<0.011	<0.00012 U	<0.0053	<0.0001	<0.011 UJ
	ROST4PZC-ROX-100914	10/9/2014		41.30	NE	<0.00032 U	<0.0056	<0.022	<0.025	<0.00011	<0.00011		<0.00011	<0.0022	<0.0022	<0.011	0.00071 J	<0.0056	<0.011	<0.011	<0.000088 U	0.00088 J	<0.00011	<0.011
	ROST4PZC-ROX-011515	1/15/2015		41.65	NE	0.0003 J J	<0.0057	<0.023	<0.025 UJ	<0.00011	<0.00011		<0.00011	0.000038 J	0.000018 J J	<0.011	<0.011	<0.0057	<0.011	<0.011	0.00004 J J	<0.0057	0.000022 J J	<0.011
	ROST4PZC-ROX-041315	4/13/2015		43.00	NE	<0.0051	<0.0051	<0.02	<0.025	<0.0001	<0.0001		<0.0001	0.0012 J	0.00038 JB	<0.01	0.0011 J	<0.0051	<0.01	<0.01	0.000075	<0.0051	0.000022 J	<0.01
	ROST4PZC-ROX-071315	7/13/2015		42.59	NE	<0.0052	<0.0052	<0.021	<0.025	<0.0001	0.00005 J		<0.0001	0.0095	0.0077	<0.01	<0.01	<0.0052	<0.01	<0.01	0.00011 B	<0.0052	0.000025 J	<0.01
	ROST4PZC-ROX-101215	10/12/2015		40.35	NE	<0.01	<0.01	<0.03	<0.01	<0.0002	<0.0002	0.0012 J	<0.0002	0.013	0.011	<0.01	0.0051 J	<0.01	<0.01	<0.02	<0.0002	<0.01	<0.0002	<0.01
	ROST4PZC-ROX-011516	1/15/2016		40.54	NE	<0.01	<0.01	<0.03	<0.01	<0.002	<0.002	<0.01	<0.002	0.02	0.02	<0.01	0.001 J	<0.01	<0.01	<0.02	<0.002	<0.01	<0.002	<0.01
	ROST4PZC-ROX-041316	4/13/2016		39.61	NE	<0.01	<0.01	<0.03	<0.01	0.000026 J	0.00026	<0.01	<0.0002	0.02	0.016	<0.01	<0.02	<0.01	<0.01	<0.02	0.00021	<0.01	0.000028 J	<0.01
	ROST4PZC-ROX-071516	7/15/2016		38.93	NE	<0.01	<0.00081 U	<0.03	<0.01	<0.0002	0.00019 J	<0.01	<0.0002	0.0035	<0.0002	<0.01	<0.02	<0.01	<0.01	<0.02	0.00013 J	<0.01	<0.0002	<0.01 UJ
	ROST4PZC-ROX-101316	10/13/2016		38.45	NE	<0.0096	<0.0096	<0.029	<0.0096	<0.00019	0.00059	<0.0096	<0.00019	0.057	0.063	<0.0096	<0.019	<0.0096	<0.0096	<0.019	0.00098	<0.0096	0.000023 J	<0.0096
ROST4PZC-ROX-011217	1/12/2017	37.88	NE	<0.0094	0.00057 J B	<0.028	<0.0094	0.00002 J	0.00093	<0.0094	<0.00019	0.048	0.057	<0.0094	<0.019	<0.0094	<0.0094	<0.019	0.0022	<0.0094	0.000048 J	<0.0094		
ROST4PZC-ROX-041717	4/17/2017	34.95 - 44.95	38.36	NE	<0.0097	<0.0097	<0.029	<0.0097	0.000022 J	0.00066	<0.0097	<0.00019	0.026	0.016	<0.0097	<0.019	<0.0097	<0.0097	<0.019	0.00045	<0.0097	0.000043 J	<0.0097	

**TABLE 3
SUMMARY OF GROUNDWATER MONITORING WELL ANALYTICAL DETECTIONS AND EXCEEDANCES**

						SVOCs																		
						Di-n-butyl phthalate	Di-n-octyl phthalate	2,4-Dinitrophenol	1,4-Dioxane	Fluoranthene	Fluorene	Indene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3 & 4-Methylphenol (m & p-Cresol)	Nitrobenzene	2-Nitrophenol	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine
Screening Values (mg/L)						0.7 ¹	0.14 ²	0.014 ²	0.0077 ¹	0.28 ¹	0.28 ¹		0.00043 ¹	0.49 ³	0.028 ¹	0.35 ¹	0.35 ³	0.014 ¹		0.001 ¹	0.21 ³	0.1 ¹	0.21 ¹	0.007 ³
Location	Sample ID	Sample Date	Screened Interval (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Analytical Results (mg/L)																		
T-12	T12-ROX-070814	7/8/2014	46.72 - 72.72	45.13	NE	0.00038 J	<-0.0054	<-0.022	<-0.025 UJ	<-0.00011	0.00022		<-0.00011	0.015	0.0245	0.0092 J	0.0033 J	<-0.0054	<-0.011	<-0.011	0.00051	<-0.0054	<-0.00011	<-0.011
	T12-ROX-101714	10/17/2014		44.40	NE	0.00061 J	<-0.0056	<-0.022	<-0.25	<-0.00011	0.00031		<-0.00011	0.022	0.0369	0.003 J	0.0059 J	<-0.0056	<-0.011	<-0.011	0.00079	0.0154	<-0.00011	<-0.011 UJ
	T12-ROX-011915	1/19/2015	46.83 - 72.83	45.27	NE	<-0.0053	<-0.0053	<-0.021	<-0.25	<-0.00011	0.00032	0.0069 JN	<-0.00011	0.021	0.0332	0.0055 J	0.0016 J	<-0.0053	<-0.011	<-0.011	0.00082	0.0155	0.000055 J	<-0.011
	T12-ROX-041515	4/15/2015		46.73	NE	0.00033 J	<-0.0056	<-0.022	<-0.025	0.000024 J	0.00032		<-0.00011	0.021	0.0335 J	0.0021 J	0.0042 J	<-0.0056	<-0.011	<-0.011	0.00086	0.0099	0.000052 J J	<-0.011
	T12-ROX-071015	7/10/2015		46.09	NE	<-0.0054	<-0.0054	<-0.022	<-0.25	0.000027 J	0.00029		<-0.00011	0.0178	0.0301	<-0.011	<-0.011	<-0.0054	<-0.011	<-0.011	0.00083	0.0221	0.000053 J	<-0.011
	T12-ROX-101515	10/15/2015		43.72	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.0002	<-0.0002	<-0.01	<-0.0002	0.017	0.024	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	0.0005	0.054	0.000038 J	<-0.01 UJ
	T12-ROX-011216	1/12/2016		44.13	NE	<-0.01	<-0.01	<-0.03	<-0.01	<-0.0004	0.00033 J	<-0.01	<-0.0004	0.021	0.031	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	0.00088	0.064	<-0.0004	<-0.01
	T12-ROX-041516	4/15/2016		42.07	NE	<-0.01	<-0.01	<-0.03	<-0.01	0.000027 J	0.0003	<-0.01	<-0.0002	0.017	0.024	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	0.00049	0.098	0.000034 J	<-0.01
	T12-ROX-071216	7/12/2016		41.50	NE	<-0.01	0.00076 J J	<-0.03	<-0.01	<-0.0002	0.00022	<-0.01	<-0.0002	0.0072	0.002	<-0.01	<-0.02	<-0.01	<-0.01	<-0.02	<-0.0002	0.038	0.000048 J	<-0.01 UJ
	T12-ROX-101716	10/17/2016		41.19	NE	<-0.0098	<-0.0098	<-0.029	<-0.0098	<-0.0002	0.00028	<-0.0098	<-0.0002	0.017	0.021	<-0.0098	<-0.02	<-0.0098	<-0.0098	<-0.02	0.0006	0.073	<-0.0002	<-0.0098
	T12-ROX-011217	1/12/2017		40.70	NE	<-0.0098	0.00053 J B	<-0.029	<-0.0098	<-0.0002	<-0.0002	0.0018 J	<-0.0002	0.0039	0.00028	<-0.0098	0.001 J	<-0.0098	<-0.0098	<-0.02	<-0.0002	0.13	0.00007 J	<-0.0098
	T12-ROX-040617	4/6/2017		46.83 - 72.83	41.18	NE	0.0038 J	<-0.0096 UJ	<-0.029	<-0.0096	<-0.00019	<-0.00019	0.0044 J	<-0.00019	<-0.00019	<-0.0096	<-0.019	<-0.0096	<-0.0096	<-0.019	<-0.00019	0.021	<-0.00019	<-0.0096

Notes:

- 1 Denotes screening criteria source from 35 I.A.C. 620, Subpart D.
 - 2 Denotes screening criteria source from 35 I.A.C. 742 (TACO), Appendix B, Table E.
 - 3 Denotes screening criteria source from IL EPA Toxicity Assessment Unit (Chemicals not in TACO, Tier 1 Tables).
- The laboratory has been requested to perform a library search in all samples for butane, hexane, isopentane, 1,2,3-trimethylbenzene, and indene, which are reported as Tentatively Identified Compounds (TICs), when identified.
- Beginning in 4Q15, 1,4-Dioxane was analyzed via 8270 SVOC. Prior historical results were reported by VOC analysis.

	Indicates a historical exceedance of screening criteria.
	Indicates a current exceedance of screening criteria.
	Empty cell without a value indicates previous quarter analyte result was rejected, the analyte was not analyzed, or the TIC was not identified.

LABORATORY QUALIFIERS

- B = Target analyte or common lab contaminant was identified in the method blank indicating possible field or lab contamination.
- J = The analyte was detected below the reporting limit. Result is estimated.
- E = The value exceeds calibration range.
- JN = Estimated value for tentatively identified compound (library search).
- H = Analyzed or extracted out of holding time criteria.
- <### Indicates the analyte was not detected above the given reporting limit.

AECOM QUALIFIERS

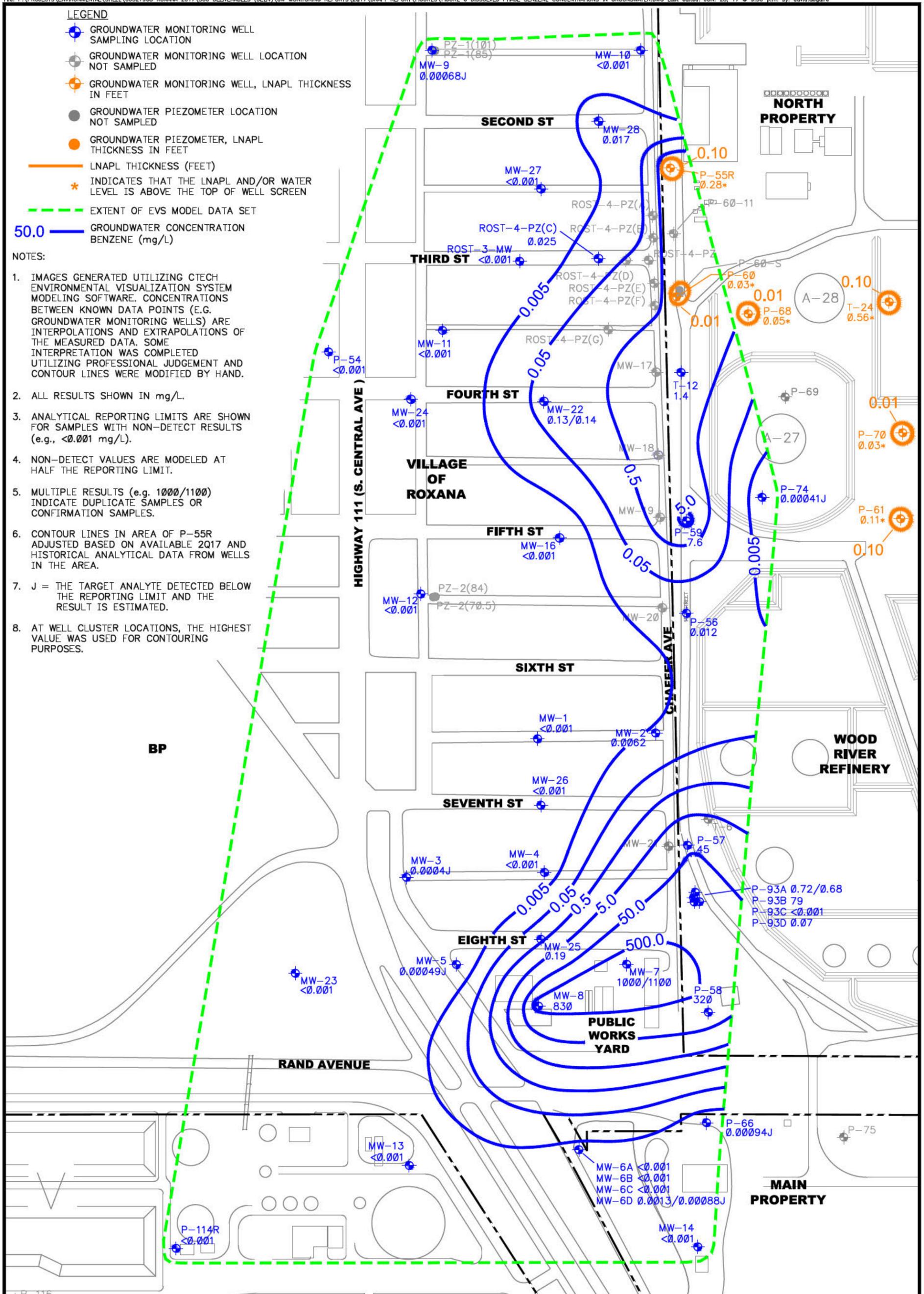
- J = The result is estimated.
- UJ = Estimated non-detect.
- U = Result is non-detect.

LEGEND

- GROUNDWATER MONITORING WELL SAMPLING LOCATION
- GROUNDWATER MONITORING WELL LOCATION NOT SAMPLED
- GROUNDWATER MONITORING WELL, LNAPL THICKNESS IN FEET
- GROUNDWATER PIEZOMETER LOCATION NOT SAMPLED
- GROUNDWATER PIEZOMETER, LNAPL THICKNESS IN FEET
- LNAPL THICKNESS (FEET)
- INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF WELL SCREEN
- EXTENT OF EVS MODEL DATA SET
- GROUNDWATER CONCENTRATION BENZENE (mg/L)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. GROUNDWATER MONITORING WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
2. ALL RESULTS SHOWN IN mg/L.
3. ANALYTICAL REPORTING LIMITS ARE SHOWN FOR SAMPLES WITH NON-DETECT RESULTS (e.g., <0.001 mg/L).
4. NON-DETECT VALUES ARE MODELED AT HALF THE REPORTING LIMIT.
5. MULTIPLE RESULTS (e.g. 1000/1100) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55R ADJUSTED BASED ON AVAILABLE 2Q17 AND HISTORICAL ANALYTICAL DATA FROM WELLS IN THE AREA.
7. J = THE TARGET ANALYTE DETECTED BELOW THE REPORTING LIMIT AND THE RESULT IS ESTIMATED.
8. AT WELL CLUSTER LOCATIONS, THE HIGHEST VALUE WAS USED FOR CONTOURING PURPOSES.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
 INTERIM GROUNDWATER MONITORING PROGRAM
 ROXANA, ILLINOIS

PROJECT NO.
 60527968



DRN. BY:djd July 2017
 DSGN. BY:nm/lr
 CHKD. BY:bbb

2Q17 Dissolved Phase Benzene
 Concentrations in Groundwater

FIG. NO.
 6



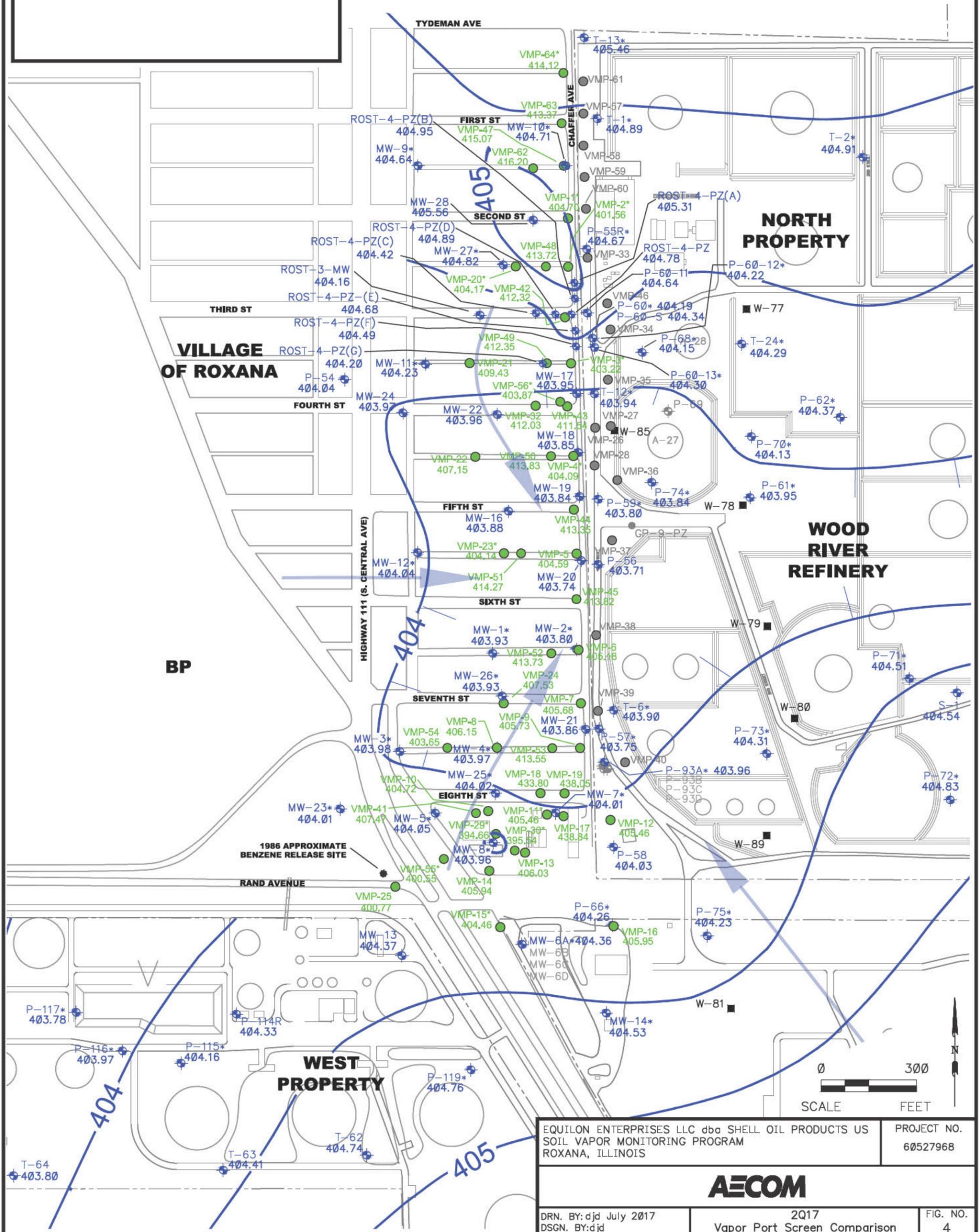
NOTES:

1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 3-5, 2017.
2. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 8 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
3. ELEVATIONS ARE RELATIVE TO NAVD 88.

* INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF THE GROUNDWATER MONITORING WELL SCREEN OR THE DEEPEST VAPOR MONITORING POINT SCREEN.

LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- VAPOR MONITORING POINT (VMP) LOCATION (ELEVATION OF TOP OF THE DEEPEST VAPOR MONITORING POINT SCREEN)
- WRR GROUNDWATER PRODUCTION WELL
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- 400- GROUNDWATER SURFACE CONTOUR NAVD 88 (CONTOUR INTERVAL 0.5 FT)
- GROUNDWATER GRADIENT



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60527968
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AECOM

DRN. BY:djd July 2017 DSGN. BY:djd CHKD. BY:smf	2Q17 Vapor Port Screen Comparison to Groundwater Elevations	FIG. NO. 4
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**APPENDIX 2-B, TABLE 1
LITTLE, DAISEY, NAZAROFF MODEL INPUT PARAMETERS AND CALCULATIONS (RESIDENTIAL)**

Little, Daisey, Nazaroff Model			CAS:	71-43-2	75-15-0	110-82-7	100-41-4	110-54-3	591-78-6	98-82-8	91-20-3	108-10-1	103-65-1	115-07-1	100-42-5	109-99-9	108-88-3
			Chemical:	Benzene	Carbon Disulfide	Cyclohexane	Ethylbenzene	Hexane	2-Hexanone	Isopropylbenzene (Cumene)	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	Propylene	Styrene	Tetrahydrofuran	Toluene
	Symbol	Definition	Units														
TACO Values	RO_IA	Indoor Air RO	mg/m3	3.12E-04	7.30E-01	6.26E+00	9.73E-04	7.30E-01	3.13E-02	4.17E-01	7.16E-05	3.13E+00	1.04E+00	3.13E+00	1.04E+00	2.09E+00	5.21E+00
Chemical Properties	MW	Molecular Weight	g/mol	7.81E+01	7.61E+01	8.42E+01	1.06E+02	8.62E+01	1.00E+02	1.20E+02	1.28E+02	1.00E+02	1.20E+02	4.21E+01	1.04E+02	7.21E+01	9.21E+01
	Da	Diffusivity in Air	cm2/sec	8.80E-02	1.04E-01	8.00E-02	7.50E-02	7.31E-02	7.04E-02	6.03E-02	5.90E-02	6.98E-02	6.02E-02	1.10E-01	7.10E-02	9.94E-02	7.78E-02
	Dw	Diffusivity in Water	cm2/sec	1.02E-05	1.00E-05	9.11E-06	7.80E-06	8.17E-06	8.44E-06	7.86E-06	7.50E-06	8.35E-06	7.83E-06	1.07E-05	8.00E-06	1.08E-05	9.20E-06
	H'	Henry's Law Constant	unitless	0.134	0.806	6.132	0.164	73.590	0.004	0.470	0.008	0.006	0.429	8.013	0.005	0.003	0.271
	H	"	atm-m3/mol	5.55E-03	1.44E-02	1.50E-01	7.88E-03	1.80E+00	9.32E-05	1.15E-02	1.97E-02	1.38E-04	1.05E-02	1.96E-01	2.75E-03	7.05E-05	6.64E-03
	S	Water Solubility	mg/L	1,800	1,200	55	170	10	17,200	61	31	19,000	52	200	310	1,000,000	526
	Koc	Organic carbon partition	cm3/g	50	63	145.8	320	131.5	14.98	697.8	500	12.6	813.1	21.73	316	10.75	233.9
P	Vapor Pressure	mm Hg	95	360	96.86	9.6	151.3	11.6	4.5	8.50E-02	19.86	3.42	8,690	6.1	162.2	28.4	
Soil Properties	T	Temperature	°C	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	"	"	°K	286	286	286	286	286	286	286	286	286	286	286	286	286	286
	Et	Total porosity	unitless	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
	Ew	Water-filled porosity	unitless	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Ea	Air-filled porosity	unitless	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Building Dimensions	L	Length	m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	W	Width	m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	H	Ceiling height	m	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44
	A	Slab Footprint	m2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Vbldg	Internal volume	m3	244	244	244	244	244	244	244	244	244	244	244	244	244	244
Building Ventilation	AER	Air changes per hour	hr ⁻¹	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
	Qbldg	Air flow rate	m3/hr	129	129	129	129	129	129	129	129	129	129	129	129	129	129
Millington-Quirk Relationship	De	effective diffusivity	cm ² /sec	0.0069	0.0081	0.0062	0.0059	0.0057	0.0055	0.0047	0.0046	0.0055	0.0047	0.0086	0.0056	0.0078	0.0061
	De	effective diffusivity	m ² /hr	0.0025	0.0029	0.0022	0.0021	0.0021	0.0020	0.0017	0.0017	0.0020	0.0017	0.0031	0.0020	0.0028	0.0022
	Da	diffusivity in air	cm ² /sec	0.088	0.104	0.080	0.075	0.073	0.070	0.060	0.059	0.070	0.060	0.110	0.071	0.099	0.078
	qa	air-filled porosity of soil	vol/vol	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
	qt	total porosity of soil	vol/vol	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
Calculated Tier 3 Soil Gas Attenuation Factors		Transport Distance		Benzene	Carbon Disulfide	Cyclohexane	Ethylbenzene	Hexane	2-Hexanone	Isopropylbenzene (Cumene)	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	Propylene	Styrene	Tetrahydrofuran	Toluene
	(ft)	(m)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3	0.91	2.09E-03	2.47E-03	1.90E-03	1.78E-03	1.74E-03	1.68E-03	1.43E-03	1.40E-03	1.66E-03	1.43E-03	2.60E-03	1.69E-03	2.37E-03	1.85E-03	
Calculated Tier 3 LDN Screening Values		Transport Distance		Benzene	Carbon Disulfide	Cyclohexane	Ethylbenzene	Hexane	2-Hexanone	Isopropylbenzene (Cumene)	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	Propylene	Styrene	Tetrahydrofuran	Toluene
	(ft)	(m)	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
	3	0.91	0.15	300	3300	0.55	420	19	290	0.05	1900	730	1200	620	880	2800	
C_v^{sat} Values				420,000	1,500,000	440,000	59,000	700,000	63,000	30,000	620	110,000	22,000	20,000,000	34,000	630,000	140,000

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**APPENDIX 2-B, TABLE 1
LITTLE, DAISEY, NAZAROFF MODEL INPUT PARAMETERS AND CALCULATIONS (RESIDENTIAL)**

Little, Daisey, Nazaroff Model

CAS:	95-63-6	108-67-8	108-38-3	106-42-3	95-47-6
Chemical:	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes

Symbol	Definition	Units	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes	Comments	
TACO Values	RO_IA	Indoor Air RO	mg/m3	7.30E-03	1.04E-02	1.04E-01	1.04E-01	1.04E-01	
Chemical Properties	MW	Molecular Weight	g/mol	1.20E+02	1.20E+02	1.06E+02	1.06E+02	1.06E+02	USEPA RSL Chemical Specific Parameters in Blue, all others provided in TACO, Appendix C, Table E at 13 deg C / at 25 deg C at 25 deg C
	Da	Diffusivity in Air	cm2/sec	6.07E-02	6.02E-02	7.00E-02	7.69E-02	6.89E-02	
	Dw	Diffusivity in Water	cm2/sec	7.92E-06	7.84E-06	7.80E-06	8.44E-06	8.53E-06	
	H'	Henry's Law Constant	unitless	0.252	0.359	0.152	0.159	0.107	
	H	"	atm-m3/mol	6.16E-03	8.77E-03	7.18E-03	6.90E-03	5.18E-03	
	S	Water Solubility	mg/L	57	48	160	160	180	
	Koc	Organic carbon partition	cm3/g	614.3	602.1	398	316	316	
P	Vapor Pressure	mm Hg	2.1	2.48	8.5	8.9	8.9		
Soil Properties	T	Temperature	°C	13	13	13	13	13	TACO default value TACO default value TACO default value
	"	"	°K	286	286	286	286	286	
	Et	Total porosity	unitless	0.43	0.43	0.43	0.43	0.43	
	Ew	Water-filled porosity	unitless	0.15	0.15	0.15	0.15	0.15	
Ea	Air-filled porosity	unitless	0.28	0.28	0.28	0.28	0.28		
Building Dimensions	L	Length	m	10.0	10.0	10.0	10.0	10.0	= 100 cm
	W	Width	m	10.0	10.0	10.0	10.0	10.0	= 100 cm
	H	Ceiling height	m	2.44	2.44	2.44	2.44	2.44	= 244 cm
	A	Slab Footprint	m2	100	100	100	100	100	= L x W
	Vbldg	Internal volume	m3	244	244	244	244	244	= L x W x H
Building Ventilation	AER	Air changes per hour	hr ⁻¹	0.53	0.53	0.53	0.53	0.53	TACO default value
	Qbldg	Air flow rate	m3/hr	129	129	129	129	129	=4564 ft3/hr
Millington-Quirk Relationship	De	effective diffusivity	cm ² /sec	0.0047	0.0047	0.0055	0.0060	0.0054	Eq. 2 $D_e = D_i [(q_a)^{3.33} / (q_t)^2]$
	De	effective diffusivity	m ² /hr	0.0017	0.0017	0.0020	0.0022	0.0019	
	Da	diffusivity in air	cm ² /sec	0.061	0.060	0.070	0.077	0.069	
	qa	air-filled porosity of soil	vol/vol	0.28	0.28	0.28	0.28	0.28	
	qt	total porosity of soil	vol/vol	0.43	0.43	0.43	0.43	0.43	
Calculated Tier 3 Soil Gas Attenuation Factors	Transport Distance		1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes		
	(ft)	(m)	--	--	--	--	--		
	3	0.91	1.44E-03	1.43E-03	1.66E-03	1.83E-03	1.64E-03		
Calculated Tier 3 LDN Screening Values	Transport Distance		1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes		
	(ft)	(m)	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3		
	3	0.91	5.1	7.3	63	57	64	Tier 3 Screening Criteria	
C_v^{sat} Values			14,000	16,000	52,000	55,000	41,000	TACO Default Value or Calculated using J&E Equation 5	

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Acephate	30560-19-1	1.8E+02	2.0E-11	5.0E-13	1.7E-06	3.7E-02	8.0E-06	1.0E+01	8.2E+05
Acetaldehyde	75-07-0	4.4E+01	2.7E-03	6.7E-05	9.0E+02	1.3E-01	1.4E-05	1.0E+00	1.0E+06
Acetochlor	34256-82-1	2.7E+02	9.1E-07	2.2E-08	2.8E-05	2.2E-02	5.6E-06	3.0E+02	2.2E+02
Acetone	67-64-1	5.8E+01	1.4E-03	3.5E-05	2.3E+02	1.1E-01	1.2E-05	2.4E+00	1.0E+06
Acetone Cyanohydrin	75-86-5	8.5E+01	8.1E-08	2.0E-09	3.4E-01	8.6E-02	1.0E-05	1.0E+00	1.0E+06
Acetonitrile	75-05-8	4.1E+01	1.4E-03	3.5E-05	8.9E+01	1.3E-01	1.4E-05	4.7E+00	1.0E+06
Acetophenone	98-86-2	1.2E+02	4.3E-04	1.0E-05	4.0E-01	6.5E-02	8.7E-06	5.2E+01	6.1E+03
Acetylaminofluorene, 2-	53-96-3	2.2E+02	7.8E-09	1.9E-10	9.4E-08	5.2E-02	6.0E-06	2.2E+03	5.5E+00
Acrolein	107-02-8	5.6E+01	5.0E-03	1.2E-04	2.7E+02	1.1E-01	1.2E-05	1.0E+00	2.1E+05
Acrylamide	79-06-1	7.1E+01	7.0E-08	1.7E-09	7.0E-03	1.1E-01	1.3E-05	5.7E+00	3.9E+05
Acrylic Acid	79-10-7	7.2E+01	1.5E-05	3.7E-07	4.0E+00	1.0E-01	1.2E-05	1.4E+00	1.0E+06
Acrylonitrile	107-13-1	5.3E+01	5.6E-03	1.4E-04	1.1E+02	1.1E-01	1.2E-05	8.5E+00	7.5E+04
Adiponitrile	111-69-3	1.1E+02	4.9E-08	1.2E-09	6.8E-04	7.1E-02	9.0E-06	2.0E+01	8.0E+04
Alachlor	15972-60-8	2.7E+02	3.4E-07	8.3E-09	2.2E-05	2.3E-02	5.7E-06	3.1E+02	2.4E+02
Aldicarb	116-06-3	1.9E+02	5.9E-08	1.4E-09	3.5E-05	3.2E-02	7.2E-06	2.5E+01	6.0E+03
Aldicarb Sulfone	1646-88-4	2.2E+02	1.4E-07	3.4E-09	9.0E-05	5.2E-02	6.1E-06	1.0E+01	1.0E+04
Aldicarb sulfoxide	1646-87-3	2.1E+02	4.0E-08	9.7E-10	1.0E-04	5.4E-02	6.4E-06	1.0E+01	2.8E+04
Aldrin	309-00-2	3.6E+02	1.8E-03	4.4E-05	1.2E-04	2.3E-02	5.8E-06	8.2E+04	1.7E-02
Allyl Alcohol	107-18-6	5.8E+01	2.0E-04	5.0E-06	2.6E+01	1.1E-01	1.2E-05	1.9E+00	1.0E+06
Allyl Chloride	107-05-1	7.7E+01	4.5E-01	1.1E-02	3.7E+02	9.4E-02	1.1E-05	4.0E+01	3.4E+03
Aluminum	7429-90-5	2.7E+01			0.0E+00				
Aluminum Phosphide	20859-73-8	5.8E+01							
Ametryn	834-12-8	2.3E+02	9.9E-08	2.4E-09	2.7E-06	5.1E-02	6.0E-06	4.3E+02	2.1E+02
Aminobiphenyl, 4-	92-67-1	1.7E+02	6.0E-06	1.5E-07	1.2E-04	6.2E-02	7.3E-06	2.5E+03	2.2E+02
Aminophenol, m-	591-27-5	1.1E+02	8.1E-09	2.0E-10	9.6E-03	8.3E-02	9.7E-06	9.0E+01	2.7E+04
Aminophenol, p-	123-30-8	1.1E+02	1.5E-08	3.6E-10	4.0E-05	8.3E-02	9.7E-06	9.0E+01	1.6E+04
Amitraz	33089-61-1	2.9E+02	4.0E-04	9.9E-06	2.0E-06	2.2E-02	5.4E-06	2.6E+05	1.0E+00
Ammonia	7664-41-7	1.7E+01	6.6E-04	1.6E-05	7.5E+03	2.3E-01	2.2E-05		4.8E+05
Ammonium Sulfamate	7773-06-0	1.1E+02			0.0E+00				1.3E+06
Amyl Alcohol, tert-	75-85-4	8.8E+01	5.6E-04	1.4E-05	1.7E+01	7.9E-02	9.1E-06	4.1E+00	1.1E+05
Aniline	62-53-3	9.3E+01	8.3E-05	2.0E-06	6.7E-01	8.3E-02	1.0E-05	7.0E+01	3.6E+04
Anthraquinone, 9,10-	84-65-1	2.1E+02	9.6E-07	2.4E-08	1.2E-07	5.4E-02	6.3E-06	5.0E+03	1.4E+00
Antimony (metallic)	7440-36-0	1.2E+02			0.0E+00				
Antimony Pentoxide	1314-60-9	3.2E+02							3.0E+03
Antimony Tetroxide	1332-81-6	3.1E+02							
Antimony Trioxide	1309-64-4	2.9E+02							
Arsenic, Inorganic	7440-38-2	7.8E+01							
Arsine	7784-42-1	7.8E+01							2.0E+05
Asulam	3337-71-1	2.3E+02	7.0E-11	1.7E-12	1.4E-06	5.1E-02	5.9E-06	2.8E+01	5.0E+03
Atrazine	1912-24-9	2.2E+02	9.6E-08	2.4E-09	2.9E-07	2.6E-02	6.8E-06	2.2E+02	3.5E+01
Auramine	492-80-8	2.7E+02	1.5E-07	3.6E-09	1.3E-06	4.6E-02	5.3E-06	4.5E+03	5.4E+01
Avermectin B1	65195-55-3	8.8E+02	5.4E-26	1.3E-27	1.5E-30	2.1E-02	2.4E-06	8.8E+05	3.5E-04

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Azinphos-methyl	86-50-0	3.2E+02	9.8E-07	2.4E-08	1.6E-06	2.3E-02	6.0E-06	5.2E+01	2.1E+01
Azobenzene	103-33-3	1.8E+02	5.5E-04	1.4E-05	3.6E-04	3.6E-02	7.5E-06	3.8E+03	6.4E+00
Azodicarbonamide	123-77-3	1.2E+02	3.4E-11	8.2E-13	1.9E-10	8.3E-02	1.2E-05	7.0E+01	3.5E+01
Barium	7440-39-3	1.4E+02							
Barium Chromate	10294-40-3	2.5E+02							2.6E+00
Benfluralin	1861-40-1	3.4E+02	1.2E-02	2.9E-04	6.5E-05	2.2E-02	5.5E-06	1.6E+04	1.0E-01
Benomyl	17804-35-2	2.9E+02	2.0E-10	4.9E-12	3.7E-09	4.3E-02	5.1E-06	3.4E+02	3.8E+00
Bensulfuron-methyl	83055-99-6	4.1E+02	1.5E-13	3.8E-15	2.1E-14	3.4E-02	4.0E-06	2.8E+01	1.2E+02
Bentazon	25057-89-0	2.4E+02	8.9E-08	2.2E-09	3.5E-06	4.9E-02	5.7E-06	1.0E+01	5.0E+02
Benzaldehyde	100-52-7	1.1E+02	1.1E-03	2.7E-05	1.3E+00	7.4E-02	9.5E-06	1.1E+01	7.0E+03
Benzene	71-43-2	7.81E+01	2.27E-01	5.55E-03	9.48E+01	8.95E-02	1.03E-05	1.46E+02	1.79E+03
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	2.2E+02	8.9E-22	2.2E-23	2.9E-14	5.2E-02	6.1E-06	3.8E+01	1.0E+06
Benzenethiol	108-98-5	1.1E+02	1.4E-02	3.4E-04	1.9E+00	7.3E-02	9.5E-06	2.3E+02	8.4E+02
Benzidine	92-87-5	1.8E+02	2.1E-09	5.2E-11	9.0E-07	3.5E-02	7.5E-06	1.2E+03	3.2E+02
Benzoic Acid	65-85-0	1.2E+02	1.6E-06	3.8E-08	7.0E-04	7.0E-02	9.8E-06	6.0E-01	3.4E+03
Benzotrichloride	98-07-7	2.0E+02	1.1E-02	2.6E-04	4.1E-01	3.1E-02	7.7E-06	1.0E+03	5.3E+01
Benzyl Alcohol	100-51-6	1.1E+02	1.4E-05	3.4E-07	9.4E-02	7.3E-02	9.4E-06	2.1E+01	4.3E+04
Benzyl Chloride	100-44-7	1.3E+02	1.7E-02	4.1E-04	1.2E+00	6.3E-02	8.8E-06	4.5E+02	5.3E+02
Beryllium and compounds	7440-41-7	1.1E+01			0.0E+00				
Bifenox	42576-02-3	3.4E+02	4.4E-06	1.1E-07	1.0E-07	2.0E-02	5.0E-06	3.7E+03	4.0E-01
Biphenthrin	82657-04-3	4.2E+02	4.1E-05	1.0E-06	1.8E-07	1.8E-02	4.5E-06	2.3E+06	1.0E-03
Biphenyl, 1,1'-	92-52-4	1.5E+02	1.3E-02	3.1E-04	8.9E-03	4.7E-02	7.6E-06	5.1E+03	7.5E+00
Bis(2-chloro-1-methylethyl) ether	108-60-1	1.7E+02	3.0E-03	7.4E-05	5.6E-01	4.0E-02	7.4E-06	8.3E+01	1.7E+03
Bis(2-chloroethoxy)methane	111-91-1	1.7E+02	1.6E-04	3.9E-06	1.3E-01	6.1E-02	7.1E-06	1.4E+01	7.8E+03
Bis(2-chloroethyl)ether	111-44-4	1.4E+02	7.0E-04	1.7E-05	1.6E+00	5.7E-02	8.7E-06	3.2E+01	1.7E+04
Bis(chloromethyl)ether	542-88-1	1.1E+02	1.8E-01	4.4E-03	2.9E+01	7.6E-02	1.0E-05	9.7E+00	2.2E+04
Bisphenol A	80-05-7	2.3E+02	4.1E-10	1.0E-11	3.9E-07	2.5E-02	6.5E-06	3.8E+04	1.2E+02
Boron And Borates Only	7440-42-8	1.4E+01							
Boron Trichloride	10294-34-5	1.2E+02	7.5E-01	1.8E-02	1.0E+00	1.2E-01	2.2E-05		
Boron Trifluoride	7637-07-2	6.8E+01			3.7E+04	1.6E-01	2.2E-05		3.3E+06
Bromate	15541-45-4	8.0E+01							
Bromo-2-chloroethane, 1-	107-04-0	1.4E+02	3.7E-02	9.1E-04	3.3E+01	6.6E-02	1.1E-05	4.0E+01	6.9E+03
Bromobenzene	108-86-1	1.6E+02	1.0E-01	2.5E-03	4.2E+00	5.4E-02	9.3E-06	2.3E+02	4.5E+02
Bromochloromethane	74-97-5	1.3E+02	6.0E-02	1.5E-03	1.4E+02	7.9E-02	1.2E-05	2.2E+01	1.7E+04
Bromodichloromethane	75-27-4	1.6E+02	8.7E-02	2.1E-03	5.0E+01	5.6E-02	1.1E-05	3.2E+01	3.0E+03
Bromoform	75-25-2	2.5E+02	2.2E-02	5.4E-04	5.4E+00	3.6E-02	1.0E-05	3.2E+01	3.1E+03
Bromomethane	74-83-9	9.5E+01	3.0E-01	7.3E-03	1.6E+03	1.0E-01	1.4E-05	1.3E+01	1.5E+04
Bromophos	2104-96-3	3.7E+02	8.4E-03	2.1E-04	1.3E-04	2.3E-02	6.1E-06	2.0E+03	3.0E-01
Bromoxynil	1689-84-5	2.8E+02	5.4E-09	1.3E-10	4.7E-08	4.5E-02	5.2E-06	3.3E+02	1.3E+02
Bromoxynil Octanoate	1689-99-2	4.0E+02	1.3E-03	3.2E-05	4.8E-06	2.1E-02	5.4E-06	4.3E+03	8.0E-02
Butadiene, 1,3-	106-99-0	5.4E+01	3.0E+00	7.4E-02	2.1E+03	1.0E-01	1.0E-05	4.0E+01	7.4E+02
Butanol, N-	71-36-3	7.4E+01	3.6E-04	8.8E-06	6.7E+00	9.0E-02	1.0E-05	3.5E+00	6.3E+04

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Butyl alcohol, sec-	78-92-2	7.4E+01	3.7E-04	9.1E-06	1.8E+01	9.0E-02	1.0E-05	2.9E+00	1.8E+05
Butylate	2008-41-5	2.2E+02	3.5E-03	8.5E-05	1.3E-02	2.3E-02	5.8E-06	3.9E+02	4.5E+01
Butylated hydroxyanisole	25013-16-5	3.6E+02	4.8E-05	1.2E-06	2.5E-03	3.8E-02	4.4E-06	8.4E+02	2.1E+02
Butylated hydroxytoluene	128-37-0	2.2E+02	1.7E-04	4.1E-06	5.2E-03	2.3E-02	5.6E-06	1.5E+04	6.0E-01
Butylbenzene, n-	104-51-8	1.3E+02	6.5E-01	1.6E-02	1.1E+00	5.3E-02	7.3E-06	1.5E+03	1.2E+01
Butylbenzene, sec-	135-98-8	1.3E+02	7.2E-01	1.8E-02	1.8E+00	5.3E-02	7.3E-06	1.3E+03	1.8E+01
Butylbenzene, tert-	98-06-6	1.3E+02	5.4E-01	1.3E-02	2.2E+00	5.3E-02	7.4E-06	1.0E+03	3.0E+01
Cacodylic Acid	75-60-5	1.4E+02	7.4E-13	1.8E-14	1.0E-07	7.1E-02	8.3E-06	4.4E+01	2.0E+06
Cadmium (Diet)	7440-43-9	1.1E+02			0.0E+00				
Cadmium (Water)	7440-43-9	1.1E+02			0.0E+00				
Calcium Chromate	13765-19-0	1.6E+02							
Caprolactam	105-60-2	1.1E+02	1.0E-06	2.5E-08	1.6E-03	6.9E-02	9.0E-06	2.5E+01	7.7E+05
Captafol	2425-06-1	3.5E+02	2.0E-07	4.9E-09	1.5E-08	3.8E-02	4.5E-06	7.8E+02	1.4E+00
Captan	133-06-2	3.0E+02	2.9E-07	7.0E-09	9.0E-08	2.6E-02	6.9E-06	2.5E+02	5.1E+00
Carbaryl	63-25-2	2.0E+02	1.3E-07	3.3E-09	1.4E-06	2.7E-02	7.1E-06	3.5E+02	1.1E+02
Carbofuran	1563-66-2	2.2E+02	1.3E-07	3.1E-09	4.9E-06	2.6E-02	6.6E-06	9.5E+01	3.2E+02
Carbon Disulfide	75-15-0	7.61E+01	5.89E-01	1.44E-02	3.59E+02	1.06E-01	1.30E-05	2.17E+01	2.16E+03
Carbon Tetrachloride	56-23-5	1.5E+02	1.1E+00	2.8E-02	1.2E+02	5.7E-02	9.8E-06	4.4E+01	7.9E+02
Carbonyl Sulfide	463-58-1	6.0E+01	2.5E+01	6.1E-01	9.4E+03	1.2E-01	1.3E-05	1.0E+00	1.2E+03
Carbosulfan	55285-14-8	3.8E+02	2.1E-05	5.1E-07	3.1E-07	1.8E-02	4.4E-06	1.2E+04	3.0E-01
Carboxin	5234-68-4	2.4E+02	1.3E-08	3.2E-10	1.5E-07	5.0E-02	5.8E-06	1.7E+02	1.5E+02
Ceric oxide	1306-38-3	1.7E+02							
Chloral Hydrate	302-17-0	1.7E+02	2.3E-07	5.7E-09	1.5E+01	5.4E-02	1.0E-05	1.0E+00	7.9E+05
Chloramben	133-90-4	2.1E+02	1.6E-09	3.9E-11	1.0E-07	5.4E-02	6.4E-06	2.1E+01	7.0E+02
Chloranil	118-75-2	2.5E+02	1.3E-08	3.3E-10	2.3E-06	4.8E-02	5.7E-06	3.1E+02	2.5E+02
Chlordane	12789-03-6	4.1E+02	2.0E-03	4.9E-05	1.0E-05	2.1E-02	5.4E-06	6.8E+04	5.6E-02
Chlordecone (Kepone)	143-50-0	4.9E+02	2.2E-06	5.4E-08	2.3E-07	2.0E-02	4.9E-06	1.8E+04	2.7E+00
Chlorfenvinphos	470-90-6	3.6E+02	1.2E-06	2.9E-08	7.5E-06	3.8E-02	4.4E-06	1.3E+03	1.2E+02
Chlorimuron, Ethyl-	90982-32-4	4.1E+02	7.4E-14	1.8E-15	4.0E-12	3.4E-02	4.0E-06	7.2E+01	1.2E+03
Chlorine	7782-50-5	7.1E+01	4.8E-01	1.2E-02	5.9E+03	1.5E-01	2.2E-05		6.3E+03
Chlorine Dioxide	10049-04-4	6.7E+01	1.6E+00	4.0E-02	7.6E+02	1.6E-01	2.2E-05		
Chlorite (Sodium Salt)	7758-19-2	9.0E+01							6.4E+05
Chloro-1,1-difluoroethane, 1-	75-68-3	1.0E+02	2.4E+00	5.9E-02	2.5E+03	8.0E-02	1.0E-05	4.4E+01	1.4E+03
Chloro-1,3-butadiene, 2-	126-99-8	8.9E+01	2.3E+00	5.6E-02	2.2E+02	8.4E-02	1.0E-05	6.1E+01	8.7E+02
Chloro-2-methylaniline HCl, 4-	3165-93-3	1.8E+02	6.4E-05	1.6E-06	4.1E-02	6.0E-02	7.0E-06	3.5E+02	9.5E+02
Chloro-2-methylaniline, 4-	95-69-2	1.4E+02	8.1E-05	2.0E-06	4.1E-02	7.0E-02	8.2E-06	1.8E+02	9.5E+02
Chloroacetaldehyde, 2-	107-20-0	7.8E+01	9.8E-04	2.4E-05	6.4E+01	1.0E-01	1.2E-05	1.0E+00	1.1E+05
Chloroacetic Acid	79-11-8	9.4E+01	3.8E-07	9.3E-09	6.5E-02	9.4E-02	1.2E-05	1.4E+00	8.6E+05
Chloroacetophenone, 2-	532-27-4	1.5E+02	1.4E-04	3.5E-06	5.4E-03	5.2E-02	8.7E-06	9.9E+01	1.1E+03
Chloroaniline, p-	106-47-8	1.3E+02	4.7E-05	1.2E-06	2.7E-02	7.0E-02	1.0E-05	1.1E+02	3.9E+03
Chlorobenzene	108-90-7	1.1E+02	1.3E-01	3.1E-03	1.2E+01	7.2E-02	9.5E-06	2.3E+02	5.0E+02
Chlorobenzilate	510-15-6	3.3E+02	3.0E-06	7.2E-08	2.2E-06	2.2E-02	5.5E-06	1.5E+03	1.3E+01

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Chlorobenzoic Acid, p-	74-11-3	1.6E+02	3.3E-06	8.0E-08	2.3E-03	5.5E-02	9.5E-06	2.7E+01	7.2E+01
Chlorobenzotrifluoride, 4-	98-56-6	1.8E+02	1.4E+00	3.5E-02	7.6E+00	3.8E-02	8.0E-06	1.6E+03	2.9E+01
Chlorobutane, 1-	109-69-3	9.3E+01	6.8E-01	1.7E-02	1.0E+02	7.8E-02	9.3E-06	7.2E+01	1.1E+03
Chlorodifluoromethane	75-45-6	8.6E+01	1.7E+00	4.1E-02	7.3E+03	1.0E-01	1.3E-05	3.2E+01	2.8E+03
Chloroethanol, 2-	107-07-3	8.1E+01	3.1E-05	7.6E-07	7.2E+00	1.0E-01	1.2E-05	1.9E+00	1.0E+06
Chloroform	67-66-3	1.19E+02	1.50E-01	3.67E-03	1.97E+02	7.69E-02	1.09E-05	3.18E+01	7.95E+03
Chloromethane	74-87-3	5.05E+01	3.61E-01	8.82E-03	4.30E+03	1.24E-01	1.36E-05	1.32E+01	5.32E+03
Chloromethyl Methyl Ether	107-30-2	8.1E+01	1.2E-02	3.0E-04	3.0E+01	9.5E-02	1.1E-05	5.3E+00	6.9E+04
Chloronitrobenzene, o-	88-73-3	1.6E+02	3.8E-04	9.3E-06	1.8E-02	5.1E-02	8.8E-06	3.7E+02	4.4E+02
Chloronitrobenzene, p-	100-00-5	1.6E+02	2.0E-04	4.9E-06	2.2E-02	5.0E-02	8.5E-06	3.6E+02	2.3E+02
Chlorophenol, 2-	95-57-8	1.3E+02	4.6E-04	1.1E-05	2.5E+00	6.6E-02	9.5E-06	3.9E+02	1.1E+04
Chloropicrin	76-06-2	1.6E+02	8.4E-02	2.1E-03	2.4E+01	5.2E-02	9.6E-06	4.4E+01	1.6E+03
Chlorothalonil	1897-45-6	2.7E+02	8.2E-05	2.0E-06	5.7E-07	2.8E-02	7.3E-06	1.0E+03	8.1E-01
Chlorotoluene, o-	95-49-8	1.3E+02	1.5E-01	3.6E-03	3.4E+00	6.3E-02	8.7E-06	3.8E+02	3.7E+02
Chlorotoluene, p-	106-43-4	1.3E+02	1.8E-01	4.4E-03	2.7E+00	6.3E-02	8.7E-06	3.8E+02	1.1E+02
Chlorozotocin	54749-90-5	2.7E+02	1.5E-20	3.7E-22	4.0E-14	4.6E-02	5.4E-06	1.0E+01	1.8E+03
Chlorpropham	101-21-3	2.1E+02	2.3E-05	5.7E-07	1.8E-04	2.6E-02	6.7E-06	3.5E+02	8.9E+01
Chlorpyrifos	2921-88-2	3.5E+02	1.2E-04	2.9E-06	2.0E-05	3.8E-02	4.5E-06	7.3E+03	1.1E+00
Chlorpyrifos Methyl	5598-13-0	3.2E+02	1.5E-04	3.8E-06	4.2E-05	4.0E-02	4.7E-06	2.2E+03	4.8E+00
Chlorsulfuron	64902-72-3	3.6E+02	1.4E-14	3.4E-16	2.3E-11	3.8E-02	4.4E-06	3.2E+02	3.1E+04
Chlorthal-dimethyl	1861-32-1	3.3E+02	8.9E-05	2.2E-06	2.5E-06	4.0E-02	4.6E-06	5.1E+02	5.0E-01
Chlorthiophos	60238-56-4	3.6E+02	4.9E-05	1.2E-06	4.0E-01	3.7E-02	4.4E-06	1.3E+04	3.0E-01
Chromium(III), Insoluble Salts	16065-83-1	5.2E+01							
Chromium(VI)	18540-29-9	5.2E+01							1.7E+06
Chromium, Total	7440-47-3	5.2E+01							
Clofentezine	74115-24-5	3.0E+02	1.6E-08	3.9E-10	9.8E-10	4.2E-02	4.9E-06	3.0E+04	1.0E+00
Cobalt	7440-48-4	5.9E+01			0.0E+00				
Coke Oven Emissions	8007-45-2		4.5E-01	1.1E-02	9.5E+01	1.0E-01	1.2E-05	1.6E+04	
Copper	7440-50-8	6.4E+01			0.0E+00				
Cresol, m-	108-39-4	1.1E+02	3.5E-05	8.6E-07	1.1E-01	7.3E-02	9.3E-06	3.0E+02	2.3E+04
Cresol, o-	95-48-7	1.1E+02	4.9E-05	1.2E-06	3.0E-01	7.3E-02	9.3E-06	3.1E+02	2.6E+04
Cresol, p-	106-44-5	1.1E+02	4.1E-05	1.0E-06	1.1E-01	7.2E-02	9.2E-06	3.0E+02	2.2E+04
Cresol, p-chloro-m-	59-50-7	1.4E+02	1.0E-04	2.5E-06	5.0E-02	7.0E-02	8.1E-06	4.9E+02	3.8E+03
Cresols	1319-77-3	3.2E+02	2.5E-05	6.2E-07	1.7E-01	4.0E-02	4.7E-06	3.1E+02	9.1E+03
Crotonaldehyde, trans-	123-73-9	7.0E+01	7.9E-04	1.9E-05	3.0E+01	9.6E-02	1.1E-05	1.8E+00	1.5E+05
Cumene	98-82-8	1.2E+02	4.7E-01	1.2E-02	4.5E+00	6.0E-02	7.9E-06	7.0E+02	6.1E+01
Cupferron	135-20-6	1.6E+02	1.5E-07	3.6E-09	6.3E-05	6.6E-02	7.7E-06	7.6E+02	6.1E+05
Cyanazine	21725-46-2	2.4E+02	1.1E-10	2.6E-12	1.4E-07	4.9E-02	5.7E-06	1.3E+02	1.7E+02
Cyanides									
~Calcium Cyanide	592-01-8	9.2E+01							
~Copper Cyanide	544-92-3	9.0E+01							
~Cyanide (CN-)	57-12-5	2.6E+01	4.2E-03	1.0E-04	3.1E+02	2.1E-01	2.5E-05		9.5E+04

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Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm·m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
~Cyanogen	460-19-5	5.2E+01	2.2E-01	5.4E-03	4.3E+03	1.2E-01	1.4E-05		8.0E+03
~Cyanogen Bromide	506-68-3	1.1E+02	1.0E+00	2.5E-02	1.2E+02	9.8E-02	1.4E-05		
~Cyanogen Chloride	506-77-4	6.1E+01	7.9E-02	1.9E-03	1.2E+03	1.2E-01	1.4E-05		6.0E+04
~Hydrogen Cyanide	74-90-8	2.7E+01	5.4E-03	1.3E-04	7.4E+02	1.7E-01	1.7E-05		1.0E+06
~Potassium Cyanide	151-50-8	6.5E+01			0.0E+00				7.2E+05
~Potassium Silver Cyanide	506-61-6	2.0E+02							
~Silver Cyanide	506-64-9	1.3E+02							2.3E+01
~Sodium Cyanide	143-33-9	4.9E+01			0.0E+00				5.8E+05
~Thiocyanates	NA								
~Thiocyanic Acid	463-56-9	5.9E+01			4.7E+00	1.2E-01	1.4E-05		
~Zinc Cyanide	557-21-1	1.2E+02							4.7E+00
Cyclohexane	110-82-7	8.42E+01	6.13E+00	1.50E-01	9.69E+01	8.00E-02	9.11E-06	1.46E+02	5.50E+01
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	5.1E+02	3.9E-05	9.6E-07	3.5E-06	3.0E-02	3.5E-06	2.8E+03	5.5E-02
Cyclohexanone	108-94-1	9.8E+01	3.7E-04	9.0E-06	4.3E+00	7.7E-02	9.4E-06	1.7E+01	2.5E+04
Cyclohexene	110-83-8	8.2E+01	1.9E+00	4.6E-02	8.9E+01	8.3E-02	9.5E-06	1.5E+02	2.1E+02
Cyclohexylamine	108-91-8	9.9E+01	1.7E-04	4.2E-06	1.0E+01	7.1E-02	8.5E-06	3.2E+01	1.0E+06
Cyfluthrin	68359-37-5	4.3E+02	1.2E-06	2.9E-08	1.5E-10	3.3E-02	3.9E-06	1.3E+05	3.0E-03
Cyhalothrin	68085-85-8	4.5E+02	6.1E-05	1.5E-06	1.5E-09	3.2E-02	3.8E-06	3.4E+05	5.0E-03
Cypermethrin	52315-07-8	4.2E+02	1.7E-05	4.2E-07	3.1E-09	1.9E-02	4.7E-06	8.0E+04	4.0E-03
Cyromazine	66215-27-8	1.7E+02	2.3E-12	5.7E-14	3.4E-09	6.3E-02	7.3E-06	2.9E+01	1.3E+04
DDD	72-54-8	3.2E+02	2.7E-04	6.6E-06	1.4E-06	4.1E-02	4.7E-06	1.2E+05	9.0E-02
DDE, p,p'-	72-55-9	3.2E+02	1.7E-03	4.2E-05	6.0E-06	2.3E-02	5.9E-06	1.2E+05	4.0E-02
DDT	50-29-3	3.5E+02	3.4E-04	8.3E-06	1.6E-07	3.8E-02	4.4E-06	1.7E+05	5.5E-03
Dalapon	75-99-0	1.4E+02	2.3E-06	5.7E-08	1.5E-01	6.0E-02	9.4E-06	3.2E+00	5.0E+05
Daminozide	1596-84-5	1.6E+02	1.7E-08	4.2E-10	2.0E-04	6.4E-02	7.5E-06	1.0E+01	1.0E+05
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.6E+02	4.9E-07	1.2E-08	4.7E-12	1.9E-02	4.8E-06	2.8E+05	1.0E-04
Demeton	8065-48-3	5.2E+02	1.6E-04	3.8E-06	3.4E-04	1.6E-02	3.8E-06		6.7E+02
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	1.8E-05	4.3E-07	8.5E-07	1.7E-02	4.2E-06	3.6E+04	7.8E-01
Diallate	2303-16-4	2.7E+02	1.6E-04	3.8E-06	1.5E-04	4.5E-02	5.3E-06	6.4E+02	1.4E+01
Diazinon	333-41-5	3.0E+02	4.6E-06	1.1E-07	9.0E-05	2.1E-02	5.2E-06	3.0E+03	4.0E+01
Dibenzothiophene	132-65-0	1.8E+02	1.4E-03	3.4E-05	2.1E-04	3.6E-02	7.6E-06	9.2E+03	1.5E+00
Dibromo-3-chloropropane, 1,2-	96-12-8	2.4E+02	6.0E-03	1.5E-04	5.8E-01	3.2E-02	8.9E-06	1.2E+02	1.2E+03
Dibromobenzene, 1,3-	108-36-1	2.4E+02	5.1E-02	1.2E-03	2.7E-01	3.1E-02	8.5E-06	3.8E+02	6.8E+01
Dibromobenzene, 1,4-	106-37-6	2.4E+02	3.7E-02	8.9E-04	5.8E-02	3.3E-02	9.3E-06	3.8E+02	2.0E+01
Dibromochloromethane	124-48-1	2.1E+02	3.2E-02	7.8E-04	5.5E+00	3.7E-02	1.1E-05	3.2E+01	2.7E+03
Dibromoethane, 1,2-	106-93-4	1.9E+02	2.7E-02	6.5E-04	1.1E+01	4.3E-02	1.0E-05	4.0E+01	3.9E+03
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	3.4E-02	8.2E-04	4.4E+01	5.5E-02	1.2E-05	2.2E+01	1.2E+04
Dibutyltin Compounds	NA								
Dicamba	1918-00-9	2.2E+02	8.9E-08	2.2E-09	1.3E-05	2.9E-02	7.8E-06	2.9E+01	8.3E+03
Dichloro-2-butene, 1,4-	764-41-0	1.3E+02	3.5E-01	8.5E-03	3.0E+00	6.7E-02	9.3E-06	1.3E+02	5.8E+02
Dichloro-2-butene, cis-1,4-	1476-11-5	1.3E+02	2.7E-02	6.6E-04	4.1E+00	6.7E-02	9.3E-06	1.3E+02	5.8E+02

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Dichloro-2-butene, trans-1,4-	110-57-6	1.3E+02	2.7E-02	6.6E-04	3.4E+00	6.6E-02	9.3E-06	1.3E+02	8.5E+02
Dichloroacetic Acid	79-43-6	1.3E+02	3.4E-07	8.4E-09	1.8E-01	7.2E-02	1.1E-05	2.3E+00	1.0E+06
Dichlorobenzene, 1,2-	95-50-1	1.5E+02	7.8E-02	1.9E-03	1.4E+00	5.6E-02	8.9E-06	3.8E+02	1.6E+02
Dichlorobenzene, 1,4-	106-46-7	1.5E+02	9.9E-02	2.4E-03	1.7E+00	5.5E-02	8.7E-06	3.8E+02	8.1E+01
Dichlorobenzidine, 3,3'-	91-94-1	2.5E+02	1.2E-09	2.8E-11	2.6E-07	4.7E-02	5.5E-06	3.2E+03	3.1E+00
Dichlorobenzophenone, 4,4'-	90-98-2	2.5E+02	4.4E-05	1.1E-06	6.4E-06	2.6E-02	6.9E-06	2.9E+03	8.3E-01
Dichlorodifluoromethane	75-71-8	1.21E+02	1.40E+01	3.43E-01	4.85E+03	7.60E-02	1.08E-05	4.39E+01	2.80E+02
Dichloroethane, 1,1-	75-34-3	9.9E+01	2.3E-01	5.6E-03	2.3E+02	8.4E-02	1.1E-05	3.2E+01	5.0E+03
Dichloroethane, 1,2-	107-06-2	9.9E+01	4.8E-02	1.2E-03	7.9E+01	8.6E-02	1.1E-05	4.0E+01	8.6E+03
Dichloroethylene, 1,1-	75-35-4	9.7E+01	1.1E+00	2.6E-02	6.0E+02	8.6E-02	1.1E-05	3.2E+01	2.4E+03
Dichloroethylene, 1,2-cis-	156-59-2	9.7E+01	1.7E-01	4.1E-03	2.0E+02	8.8E-02	1.1E-05	4.0E+01	6.4E+03
Dichloroethylene, 1,2-trans-	156-60-5	9.7E+01	3.8E-01	9.4E-03	3.3E+02	8.8E-02	1.1E-05	4.0E+01	4.5E+03
Dichlorophenol, 2,4-	120-83-2	1.6E+02	1.8E-04	4.3E-06	9.0E-02	4.9E-02	8.7E-06	1.5E+02	5.6E+03
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	2.2E+02	1.4E-06	3.5E-08	8.3E-05	2.8E-02	7.3E-06	3.0E+01	6.8E+02
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	2.5E+02	9.4E-08	2.3E-09	1.1E-05	2.6E-02	6.7E-06	3.7E+02	4.6E+01
Dichloropropane, 1,2-	78-87-5	1.1E+02	1.2E-01	2.8E-03	5.3E+01	7.3E-02	9.7E-06	6.1E+01	2.8E+03
Dichloropropane, 1,3-	142-28-9	1.1E+02	4.0E-02	9.8E-04	1.8E+01	7.4E-02	9.8E-06	7.2E+01	2.8E+03
Dichloropropanol, 2,3-	616-23-9	1.3E+02	1.5E-07	3.6E-09	1.8E-01	6.8E-02	9.9E-06	5.6E+00	6.4E+04
Dichloropropene, 1,3-	542-75-6	1.1E+02	1.5E-01	3.6E-03	3.4E+01	7.6E-02	1.0E-05	7.2E+01	2.8E+03
Dichlorvos	62-73-7	2.2E+02	2.4E-05	5.7E-07	1.6E-02	2.8E-02	7.3E-06	5.4E+01	8.0E+03
Dicrotophos	141-66-2	2.4E+02	2.1E-09	5.0E-11	1.6E-04	2.5E-02	6.4E-06	1.7E+01	1.0E+06
Dicyclopentadiene	77-73-6	1.3E+02	2.6E+00	6.3E-02	2.3E+00	5.6E-02	7.8E-06	1.5E+03	2.6E+01
Dieldrin	60-57-1	3.8E+02	4.1E-04	1.0E-05	5.9E-06	2.3E-02	6.0E-06	2.0E+04	2.0E-01
Diesel Engine Exhaust	NA								
Diethanolamine	111-42-2	1.1E+02	1.6E-09	3.9E-11	2.8E-04	7.7E-02	9.8E-06	1.0E+00	1.0E+06
Diethylene Glycol Monobutyl Ether	112-34-5	1.6E+02	2.9E-07	7.2E-09	2.2E-02	4.1E-02	7.0E-06	1.0E+01	1.0E+06
Diethylene Glycol Monoethyl Ether	111-90-0	1.3E+02	9.1E-07	2.2E-08	1.3E-01	5.6E-02	8.0E-06	1.0E+00	1.0E+06
Diethylformamide	617-84-5	1.0E+02	5.3E-06	1.3E-07	1.2E+00	7.3E-02	9.0E-06	2.1E+00	1.0E+06
Diethylstilbestrol	56-53-1	2.7E+02	2.4E-10	5.8E-12	1.4E-08	4.6E-02	5.3E-06	2.7E+05	1.2E+01
Difenzoquat	43222-48-6	3.6E+02			4.1E-12	3.8E-02	4.4E-06	7.8E+04	8.2E+05
Diflubenzuron	35367-38-5	3.1E+02	1.9E-07	4.6E-09	9.0E-10	4.1E-02	4.8E-06	4.6E+02	8.0E-02
Difluoroethane, 1,1-	75-37-6	6.6E+01	8.3E-01	2.0E-02	4.6E+03	1.0E-01	1.2E-05	3.2E+01	3.2E+03
Dihydrosafrole	94-58-6	1.6E+02	5.0E-04	1.2E-05	5.6E-02	4.3E-02	7.4E-06	2.1E+02	5.7E+01
Diisopropyl Ether	108-20-3	1.0E+02	1.0E-01	2.6E-03	1.5E+02	6.5E-02	7.8E-06	2.3E+01	8.8E+03
Diisopropyl Methylphosphonate	1445-75-6	1.8E+02	1.8E-03	4.4E-05	2.3E-01	3.4E-02	6.6E-06	4.2E+01	1.5E+03
Dimethipin	55290-64-7	2.1E+02	9.4E-10	2.3E-11	3.8E-07	5.4E-02	6.3E-06	1.0E+01	4.6E+03
Dimethoate	60-51-5	2.3E+02	9.9E-09	2.4E-10	1.9E-05	2.6E-02	6.7E-06	1.3E+01	2.3E+04
Dimethoxybenzidine, 3,3'-	119-90-4	2.4E+02	1.9E-09	4.7E-11	1.3E-07	4.9E-02	5.7E-06	5.1E+02	6.0E+01
Dimethyl methylphosphonate	756-79-6	1.2E+02	5.6E-06	1.4E-07	8.3E-01	6.7E-02	9.2E-06	5.4E+00	1.0E+06
Dimethylamino azobenzene [p-]	60-11-7	2.3E+02	1.6E-08	4.0E-10	7.0E-08	5.1E-02	6.0E-06	2.0E+03	2.3E-01
Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+02	9.5E-05	2.3E-06	1.8E-01	7.8E-02	9.1E-06	3.5E+02	3.7E+03

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm·m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Dimethylaniline, 2,4-	95-68-1	1.2E+02	1.0E-04	2.5E-06	1.3E-01	6.3E-02	8.4E-06	1.8E+02	6.1E+03
Dimethylaniline, N,N-	121-69-7	1.2E+02	2.3E-03	5.7E-05	7.0E-01	6.3E-02	8.3E-06	7.9E+01	1.5E+03
Dimethylbenzidine, 3,3'-	119-93-7	2.1E+02	2.6E-09	6.3E-11	6.9E-07	5.3E-02	6.2E-06	3.2E+03	1.3E+03
Dimethylformamide	68-12-2	7.3E+01	3.0E-06	7.4E-08	3.9E+00	9.7E-02	1.1E-05	1.0E+00	1.0E+06
Dimethylhydrazine, 1,1-	57-14-7	6.0E+01	5.3E-04	1.3E-05	1.6E+02	1.0E-01	1.1E-05	1.2E+01	1.0E+06
Dimethylhydrazine, 1,2-	540-73-8	6.0E+01	2.8E-06	7.0E-08	7.0E+01	1.1E-01	1.2E-05	1.5E+01	1.0E+06
Dimethylphenol, 2,4-	105-67-9	1.2E+02	3.9E-05	9.5E-07	1.0E-01	6.2E-02	8.3E-06	4.9E+02	7.9E+03
Dimethylphenol, 2,6-	576-26-1	1.2E+02	2.7E-04	6.7E-06	1.7E-01	7.7E-02	9.0E-06	5.0E+02	6.1E+03
Dimethylphenol, 3,4-	95-65-8	1.2E+02	1.7E-05	4.2E-07	3.6E-02	6.3E-02	8.4E-06	4.9E+02	4.8E+03
Dimethylvinylchloride	513-37-1	9.1E+01	4.8E-02	1.2E-03	2.1E+02	8.1E-02	9.7E-06	6.1E+01	1.0E+03
Dinitro-o-cresol, 4,6-	534-52-1	2.0E+02	5.7E-05	1.4E-06	1.2E-04	5.6E-02	6.5E-06	7.5E+02	2.0E+02
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	2.7E+02	2.3E-06	5.5E-08	4.2E-08	4.6E-02	5.4E-06	1.7E+04	1.5E+01
Dinitrobenzene, 1,2-	528-29-0	1.7E+02	2.2E-06	5.3E-08	4.6E-05	4.5E-02	8.3E-06	3.6E+02	1.3E+02
Dinitrobenzene, 1,3-	99-65-0	1.7E+02	2.0E-06	4.9E-08	9.0E-04	4.8E-02	9.2E-06	3.5E+02	5.3E+02
Dinitrobenzene, 1,4-	100-25-4	1.7E+02	3.4E-06	8.4E-08	2.6E-05	4.9E-02	9.4E-06	3.5E+02	6.9E+01
Dinitrophenol, 2,4-	51-28-5	1.8E+02	3.5E-06	8.6E-08	3.9E-04	4.1E-02	9.1E-06	4.6E+02	2.8E+03
Dinitrotoluene Mixture, 2,4/2,6-	NA	1.8E+02	1.6E-05	4.0E-07	2.2E-03	5.9E-02	6.9E-06	5.9E+02	2.7E+02
Dinitrotoluene, 2,4-	121-14-2	1.8E+02	2.2E-06	5.4E-08	1.5E-04	3.8E-02	7.9E-06	5.8E+02	2.0E+02
Dinitrotoluene, 2,6-	606-20-2	1.8E+02	3.1E-05	7.5E-07	5.7E-04	3.7E-02	7.8E-06	5.9E+02	1.8E+02
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	2.0E+02	1.3E-09	3.3E-11	1.1E-05	5.6E-02	6.6E-06	2.8E+02	1.2E+03
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	2.0E+02	1.3E-09	3.3E-11	1.1E-05	5.6E-02	6.6E-06	2.8E+02	1.2E+03
Dinitrotoluene, Technical grade	25321-14-6	5.5E+02	3.8E-06	9.3E-08	4.0E-04	2.8E-02	3.3E-06	5.9E+02	2.7E+02
Dinoseb	88-85-7	2.4E+02	1.9E-05	4.6E-07	7.5E-05	2.5E-02	6.5E-06	4.3E+03	5.2E+01
Dioxane, 1,4-	123-91-1	8.8E+01	2.0E-04	4.8E-06	3.8E+01	8.7E-02	1.1E-05	2.6E+00	1.0E+06
Dioxins									
~Hexachlorodibenzo-p-dioxin, Mixture	NA	3.9E+02	2.3E-04	5.7E-06	4.4E-11	4.3E-02	4.2E-06	7.0E+05	4.0E-06
~TCDD, 2,3,7,8-	1746-01-6	3.2E+02	2.0E-03	5.0E-05	1.5E-09	4.7E-02	6.8E-06	2.5E+05	2.0E-04
Diphenamid	957-51-7	2.4E+02	1.5E-09	3.6E-11	3.0E-08	2.4E-02	6.2E-06	4.8E+03	2.6E+02
Diphenyl Sulfone	127-63-9	2.2E+02	1.0E-05	2.5E-07	1.5E-05	2.7E-02	6.9E-06	1.1E+03	3.1E+02
Diphenylamine	122-39-4	1.7E+02	1.1E-04	2.7E-06	6.7E-04	4.2E-02	7.6E-06	8.3E+02	5.3E+01
Diphenylhydrazine, 1,2-	122-66-7	1.8E+02	2.0E-05	4.8E-07	4.4E-04	3.4E-02	7.2E-06	1.5E+03	2.2E+02
Diquat	85-00-7	3.4E+02	5.8E-12	1.4E-13	1.8E-06	2.1E-02	5.2E-06	9.3E+03	7.1E+05
Direct Black 38	1937-37-7	7.8E+02	3.4E-38	8.2E-40	1.5E-36	2.2E-02	2.6E-06	2.4E+08	3.0E+03
Direct Blue 6	2602-46-2	9.3E+02	3.7E-42	9.1E-44	9.5E-39	2.0E-02	2.3E-06	7.9E+08	1.4E-04
Direct Brown 95	16071-86-6	7.6E+02			1.4E-41	2.3E-02	2.7E-06	7.0E+06	1.0E+06
Disulfoton	298-04-4	2.7E+02	8.8E-05	2.2E-06	9.8E-05	2.3E-02	5.7E-06	8.4E+02	1.6E+01
Dithiane, 1,4-	505-29-3	1.2E+02	1.7E-03	4.2E-05	8.0E-02	6.8E-02	9.3E-06	1.5E+02	3.0E+03
Diuron	330-54-1	2.3E+02	2.1E-08	5.0E-10	6.9E-08	5.0E-02	5.9E-06	1.1E+02	4.2E+01
Dodine	2439-10-3	2.9E+02	3.7E-09	9.0E-11	1.5E-07	4.4E-02	5.1E-06	2.5E+03	6.3E+02
EPTC	759-94-4	1.9E+02	6.5E-04	1.6E-05	2.4E-02	2.9E-02	6.4E-06	1.6E+02	3.8E+02
Endosulfan	115-29-7	4.1E+02	2.7E-03	6.5E-05	1.7E-07	2.2E-02	5.8E-06	6.8E+03	3.3E-01

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Endothall	145-73-3	1.9E+02	1.6E-14	3.9E-16	1.6E-10	3.7E-02	8.2E-06	1.9E+01	1.0E+05
Endrin	72-20-8	3.8E+02	2.6E-04	6.4E-06	3.0E-06	3.6E-02	4.2E-06	2.0E+04	2.5E-01
Epichlorohydrin	106-89-8	9.3E+01	1.2E-03	3.0E-05	1.6E+01	8.9E-02	1.1E-05	9.9E+00	6.6E+04
Epoxybutane, 1,2-	106-88-7	7.2E+01	7.4E-03	1.8E-04	1.8E+02	9.3E-02	1.0E-05	9.9E+00	9.5E+04
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	1.2E+02	6.7E-10	1.7E-11	2.5E-01	7.8E-02	9.1E-06	1.0E+00	1.0E+06
Ethephon	16672-87-0	1.4E+02	2.3E-10	5.7E-12	9.8E-08	5.5E-02	8.6E-06	5.0E+00	1.0E+06
Ethion	563-12-2	3.8E+02	1.6E-05	3.8E-07	1.5E-06	1.9E-02	4.8E-06	8.8E+02	2.0E+00
Ethoxyethanol Acetate, 2-	111-15-9	1.3E+02	1.3E-04	3.2E-06	2.0E+00	5.7E-02	8.0E-06	4.5E+00	1.9E+05
Ethoxyethanol, 2-	110-80-5	9.0E+01	1.9E-05	4.7E-07	5.3E+00	8.2E-02	9.7E-06	1.0E+00	1.0E+06
Ethyl Acetate	141-78-6	8.8E+01	5.5E-03	1.3E-04	9.3E+01	8.2E-02	9.7E-06	5.6E+00	8.0E+04
Ethyl Acrylate	140-88-5	1.0E+02	1.4E-02	3.4E-04	3.9E+01	7.5E-02	9.1E-06	1.1E+01	1.5E+04
Ethyl Chloride (Chloroethane)	75-00-3	6.5E+01	4.5E-01	1.1E-02	1.0E+03	1.0E-01	1.2E-05	2.2E+01	6.7E+03
Ethyl Ether	60-29-7	7.4E+01	5.0E-02	1.2E-03	5.4E+02	8.5E-02	9.4E-06	9.7E+00	6.0E+04
Ethyl Methacrylate	97-63-2	1.1E+02	2.3E-02	5.7E-04	2.1E+01	6.5E-02	8.4E-06	1.7E+01	5.4E+03
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	3.2E+02	1.8E-05	4.4E-07	9.5E-07	2.2E-02	5.5E-06	1.5E+04	3.1E+00
Ethylbenzene	100-41-4	1.06E+02	3.22E-01	7.88E-03	9.60E+00	6.85E-02	8.46E-06	4.46E+02	1.69E+02
Ethylene Cyanohydrin	109-78-4	7.1E+01	3.1E-07	7.5E-09	8.0E-02	1.0E-01	1.2E-05	1.0E+00	1.0E+06
Ethylene Diamine	107-15-3	6.0E+01	7.1E-08	1.7E-09	1.2E+01	1.1E-01	1.2E-05	1.5E+01	1.0E+06
Ethylene Glycol	107-21-1	6.2E+01	2.5E-06	6.0E-08	9.2E-02	1.2E-01	1.4E-05	1.0E+00	1.0E+06
Ethylene Glycol Monobutyl Ether	111-76-2	1.2E+02	6.5E-05	1.6E-06	8.8E-01	6.3E-02	8.1E-06	2.8E+00	1.0E+06
Ethylene Oxide	75-21-8	4.4E+01	6.1E-03	1.5E-04	1.3E+03	1.3E-01	1.5E-05	3.2E+00	1.0E+06
Ethylene Thiourea	96-45-7	1.0E+02	5.6E-10	1.4E-11	2.0E-06	8.7E-02	1.0E-05	1.3E+01	2.0E+04
Ethyleneimine	151-56-4	4.3E+01	4.9E-04	1.2E-05	2.1E+02	1.3E-01	1.4E-05	9.0E+00	1.0E+06
Ethylphthalyl Ethyl Glycolate	84-72-0	2.8E+02	2.7E-07	6.6E-09	2.2E-04	4.4E-02	5.2E-06	1.0E+03	2.2E+02
Fenamiphos	22224-92-6	3.0E+02	4.9E-08	1.2E-09	1.0E-06	2.1E-02	5.4E-06	4.0E+02	3.3E+02
Fenprothrin	39515-41-8	3.5E+02	3.1E-04	7.6E-06	5.5E-06	3.8E-02	4.5E-06	2.2E+04	3.3E-01
Fenvalerate	51630-58-1	4.2E+02	1.4E-06	3.5E-08	1.5E-09	1.8E-02	4.4E-06	3.2E+05	2.4E-02
Fluometuron	2164-17-2	2.3E+02	1.1E-07	2.6E-09	9.4E-07	5.0E-02	5.9E-06	2.9E+02	1.1E+02
Fluoride	16984-48-8	3.8E+01							1.7E+00
Fluorine (Soluble Fluoride)	7782-41-4	3.8E+01							1.7E+00
Fluridone	59756-60-4	3.3E+02	3.3E-07	8.1E-09	9.8E-08	4.0E-02	4.7E-06	5.7E+04	1.2E+01
Flurprimidol	56425-91-3	3.1E+02	5.4E-08	1.3E-09	3.6E-07	4.1E-02	4.8E-06	2.2E+03	1.1E+02
Flusilazole	85509-19-9	3.2E+02	9.2E-08	2.3E-09	2.9E-07	4.1E-02	4.8E-06	8.1E+04	5.4E+01
Flutolanil	66332-96-5	3.2E+02	1.3E-07	3.2E-09	4.9E-08	4.0E-02	4.7E-06	2.6E+03	6.5E+00
Fluvalinate	69409-94-5	5.0E+02	5.9E-07	1.5E-08	1.0E-07	3.0E-02	3.5E-06	7.3E+05	5.0E-03
Folpet	133-07-3	3.0E+02	3.1E-06	7.7E-08	1.6E-07	4.3E-02	5.0E-06	1.8E+01	8.0E-01
Fomesafen	72178-02-0	4.4E+02	3.1E-11	7.5E-13	7.5E-07	1.9E-02	4.6E-06	1.5E+03	5.0E+01
Fonofos	944-22-9	2.5E+02	2.9E-04	7.0E-06	3.4E-04	2.4E-02	6.1E-06	8.6E+02	1.6E+01
Formaldehyde	50-00-0	3.0E+01	1.4E-05	3.4E-07	3.9E+03	1.7E-01	1.7E-05	1.0E+00	4.0E+05
Formic Acid	64-18-6	4.6E+01	6.8E-06	1.7E-07	4.3E+01	1.5E-01	1.7E-05	1.0E+00	1.0E+06
Fosetyl-AL	39148-24-8	3.5E+02	1.3E-12	3.2E-14	7.5E-11	3.8E-02	4.4E-06	6.5E+03	1.1E+05
Furans									

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm·m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
~Dibenzofuran	132-64-9	1.7E+02	8.7E-03	2.1E-04	2.5E-03	6.5E-02	7.4E-06	9.2E+03	3.1E+00
~Furan	110-00-9	6.8E+01	2.2E-01	5.4E-03	6.0E+02	1.0E-01	1.2E-05	8.0E+01	1.0E+04
~Tetrahydrofuran	109-99-9	7.21E+01	2.88E-03	7.05E-05	1.62E+02	9.94E-02	1.08E-05	1.08E+01	1.00E+06
Furazolidone	67-45-8	2.3E+02	1.3E-09	3.3E-11	2.6E-06	5.1E-02	6.0E-06	8.6E+02	4.0E+01
Furfural	98-01-1	9.6E+01	1.5E-04	3.8E-06	2.2E+00	8.5E-02	1.1E-05	6.1E+00	7.4E+04
Furium	531-82-8	2.5E+02	5.4E-14	1.3E-15	8.8E-09	4.7E-02	5.5E-06	5.8E+02	4.2E+03
Furmecyclox	60568-05-0	2.5E+02	2.8E-07	6.9E-09	8.4E-05	4.8E-02	5.6E-06	4.3E+02	3.0E-01
Glufosinate, Ammonium	77182-82-2	2.0E+02	1.8E-12	4.4E-14	9.1E-12	5.6E-02	6.5E-06	1.0E+01	1.4E+06
Glutaraldehyde	111-30-8	1.0E+02	1.3E-06	3.3E-08	6.0E-01	8.8E-02	1.0E-05	1.0E+00	2.2E+05
Glycidyl	765-34-4	7.2E+01	2.1E-05	5.1E-07	4.5E+01	1.1E-01	1.3E-05	1.0E+00	1.0E+06
Glyphosate	1071-83-6	1.7E+02	8.6E-11	2.1E-12	9.8E-08	6.2E-02	7.3E-06	2.1E+03	1.1E+04
Guanidine	113-00-8	5.9E+01	9.6E-10	2.3E-11	2.2E+00	1.4E-01	1.7E-05	1.2E+01	1.8E+03
Guanidine Chloride	50-01-1	9.6E+01	8.9E-17	2.2E-18	1.8E-06	9.2E-02	1.2E-05		1.0E+06
Haloxypop, Methyl	69806-40-2	3.8E+02	1.3E-05	3.2E-07	6.0E-06	3.6E-02	4.3E-06	5.5E+03	9.3E+00
Heptachlor	76-44-8	3.7E+02	1.2E-02	2.9E-04	4.0E-04	2.2E-02	5.7E-06	4.1E+04	1.8E-01
Heptachlor Epoxide	1024-57-3	3.9E+02	8.6E-04	2.1E-05	2.0E-05	2.4E-02	6.2E-06	1.0E+04	2.0E-01
Hexabromobenzene	87-82-1	5.5E+02	1.1E-03	2.8E-05	1.6E-08	2.5E-02	6.6E-06	2.8E+03	1.6E-04
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	6.4E+02			5.8E-06	2.5E-02	3.0E-06		9.0E-04
Hexachlorobenzene	118-74-1	2.8E+02	7.0E-02	1.7E-03	1.8E-05	2.9E-02	7.8E-06	6.2E+03	6.2E-03
Hexachlorobutadiene	87-68-3	2.6E+02	4.2E-01	1.0E-02	2.2E-01	2.7E-02	7.0E-06	8.5E+02	3.2E+00
Hexachlorocyclohexane, Alpha-	319-84-6	2.9E+02	2.7E-04	6.7E-06	3.5E-05	4.3E-02	5.1E-06	2.8E+03	2.0E+00
Hexachlorocyclohexane, Beta-	319-85-7	2.9E+02	1.8E-05	4.4E-07	3.6E-07	2.8E-02	7.4E-06	2.8E+03	2.4E-01
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.9E+02	2.1E-04	5.1E-06	4.2E-05	4.3E-02	5.1E-06	2.8E+03	7.3E+00
Hexachlorocyclohexane, Technical	608-73-1	2.9E+02	2.1E-04	5.1E-06	3.5E-05	4.3E-02	5.1E-06	2.8E+03	8.0E+00
Hexachlorocyclopentadiene	77-47-4	2.7E+02	1.1E+00	2.7E-02	6.0E-02	2.7E-02	7.2E-06	1.4E+03	1.8E+00
Hexachloroethane	67-72-1	2.4E+02	1.6E-01	3.9E-03	2.1E-01	3.2E-02	8.9E-06	2.0E+02	5.0E+01
Hexachlorophene	70-30-4	4.1E+02	2.2E-11	5.5E-13	1.0E-10	3.5E-02	4.0E-06	6.7E+05	1.4E+02
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.2E+02	8.2E-10	2.0E-11	4.1E-09	3.1E-02	8.5E-06	8.9E+01	6.0E+01
Hexamethylene Diisocyanate, 1,6-	822-06-0	1.7E+02	2.0E-03	4.8E-05	3.0E-02	4.0E-02	7.2E-06	4.8E+03	1.2E+02
Hexamethylphosphoramide	680-31-9	1.8E+02	8.2E-07	2.0E-08	4.6E-02	3.5E-02	6.9E-06	1.0E+01	1.0E+06
Hexane, N-	110-54-3	8.62E+01	7.36E+01	1.80E+00	1.51E+02	7.31E-02	8.17E-06	1.32E+02	9.50E+00
Hexanedioic Acid	124-04-9	1.5E+02	1.9E-10	4.7E-12	3.2E-07	5.8E-02	9.2E-06	2.4E+01	3.1E+04
Hexanone, 2-	591-78-6	1.00E+02	3.81E-03	9.32E-05	1.16E+01	7.04E-02	8.44E-06	1.50E+01	1.72E+04
Hexazinone	51235-04-2	2.5E+02	9.2E-11	2.3E-12	2.3E-07	2.5E-02	6.3E-06	1.3E+02	3.3E+04
Hexythiazox	78587-05-0	3.5E+02	9.7E-07	2.4E-08	2.6E-08	3.8E-02	4.4E-06	2.1E+03	5.0E-01
Hydramethylnon	67485-29-4	4.9E+02	9.0E-05	2.2E-06	2.0E-08	3.0E-02	3.6E-06	1.8E+08	6.0E-03
Hydrazine	302-01-2	3.2E+01	2.5E-05	6.1E-07	1.4E+01	1.7E-01	1.9E-05		1.0E+06
Hydrazine Sulfate	10034-93-2	1.3E+02							3.1E+04
Hydrogen Chloride	7647-01-0	3.5E+01	8.3E+07	2.0E+06	3.5E+04	1.9E-01	2.3E-05		6.7E+05
Hydrogen Fluoride	7664-39-3	2.0E+01	4.3E-03	1.0E-04	9.2E+02	2.2E-01	2.2E-05		1.0E+06
Hydrogen Sulfide	7783-06-4	3.4E+01	3.5E-01	8.6E-03	1.6E+04	1.9E-01	2.2E-05		3.7E+03
Hydroquinone	123-31-9	1.1E+02	1.9E-09	4.7E-11	2.4E-05	8.0E-02	1.1E-05	2.4E+02	7.2E+04

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Imazalil	35554-44-0	3.0E+02	1.1E-07	2.6E-09	1.2E-06	2.2E-02	5.7E-06	8.5E+03	1.8E+02
Imazaquin	81335-37-7	3.1E+02	2.8E-16	6.9E-18	1.0E-13	4.1E-02	4.8E-06	2.4E+03	9.0E+01
Imazethapyr	81335-77-5	2.9E+02	4.3E-15	1.0E-16	2.2E-11	4.3E-02	5.1E-06	3.4E+02	1.4E+03
Iodine	7553-56-2	2.5E+02			2.3E-01				3.3E+02
Iprodione	36734-19-7	3.3E+02	1.3E-07	3.1E-09	3.8E-09	4.0E-02	4.6E-06	5.3E+01	1.4E+01
Iron	7439-89-6	5.6E+01			0.0E+00				
Isobutyl Alcohol	78-83-1	7.4E+01	4.0E-04	9.8E-06	1.0E+01	9.0E-02	1.0E-05	2.9E+00	8.5E+04
Isophorone	78-59-1	1.4E+02	2.7E-04	6.6E-06	4.4E-01	5.3E-02	7.5E-06	6.5E+01	1.2E+04
Isopropalin	33820-53-0	3.1E+02	4.5E-03	1.1E-04	3.0E-05	2.1E-02	5.3E-06	1.1E+04	1.1E-01
Isopropanol	67-63-0	6.01E+01	3.31E-04	8.10E-06	4.54E+01	1.03E-01	1.12E-05	1.53E+00	1.00E+06
Isopropyl Methyl Phosphonic Acid	1832-54-8	1.4E+02	2.8E-07	6.9E-09	1.2E-02	7.1E-02	8.3E-06	7.7E+00	5.0E+04
Isoxaben	82558-50-7	3.3E+02	5.2E-08	1.3E-09	4.1E-09	4.0E-02	4.6E-06	1.3E+03	1.4E+00
JP-7	NA		4.1E-01	1.0E-02	1.1E+01				1.0E+01
Lactofen	77501-63-4	4.6E+02	1.9E-05	4.7E-07	7.0E-08	3.2E-02	3.7E-06	2.3E+04	1.0E-01
Lead Compounds									
~Lead Chromate	7758-97-6	3.2E+02							1.7E-01
~Lead Phosphate	7446-27-7	8.1E+02							0.0E+00
~Lead acetate	301-04-2	3.3E+02			7.2E-04	3.3E-02	9.5E-06	1.0E+00	1.6E+03
~Lead and Compounds	7439-92-1	2.1E+02			0.0E+00				
~Lead subacetate	1335-32-6	8.1E+02			3.0E-10	2.2E-02	2.6E-06	1.0E+01	6.3E+04
~Tetraethyl Lead	78-00-2	3.2E+02	2.3E+01	5.7E-01	2.6E-01	2.5E-02	6.4E-06	6.5E+02	2.9E-01
Lewisite	541-25-3	2.1E+02	8.9E-03	2.2E-04	5.8E-01	3.3E-02	9.1E-06	1.1E+02	5.0E+02
Linuron	330-55-2	2.5E+02	2.6E-07	6.3E-09	1.4E-06	4.8E-02	5.6E-06	3.4E+02	7.5E+01
Lithium	7439-93-2	6.9E+00							
MCPA	94-74-6	2.0E+02	5.4E-08	1.3E-09	5.9E-06	3.1E-02	8.2E-06	3.0E+01	6.3E+02
MCPB	94-81-5	2.3E+02	1.1E-07	2.7E-09	4.3E-07	5.1E-02	5.9E-06	9.8E+01	4.8E+01
MCPP	93-65-2	2.1E+02	7.4E-07	1.8E-08	7.5E-07	2.7E-02	7.0E-06	4.9E+01	6.2E+02
Malathion	121-75-5	3.3E+02	2.0E-07	4.9E-09	3.4E-06	2.1E-02	5.2E-06	3.1E+01	1.4E+02
Maleic Anhydride	108-31-6	9.8E+01	1.6E-04	3.9E-06	2.5E-01	8.8E-02	1.1E-05	1.0E+00	1.6E+05
Maleic Hydrazide	123-33-1	1.1E+02	1.1E-09	2.7E-11	2.8E-06	8.2E-02	9.5E-06	3.3E+00	4.5E+03
Malononitrile	109-77-3	6.6E+01	5.4E-06	1.3E-07	2.0E-01	1.2E-01	1.4E-05	3.3E+00	1.3E+05
Mancozeb	8018-01-7	5.4E+02	6.2E-10	1.5E-11	1.3E-10	2.0E-02	5.1E-06	6.1E+02	6.2E+00
Maneb	12427-38-2	3.0E+02	2.0E-07	4.9E-09	7.5E-08	4.3E-02	5.0E-06	6.1E+02	6.0E+00
Manganese (Diet)	7439-96-5	5.5E+01			0.0E+00				
Manganese (Non-diet)	7439-96-5	5.5E+01			0.0E+00				
Mephosfolan	950-10-7	2.7E+02	4.9E-09	1.2E-10	3.2E-05	4.6E-02	5.3E-06	6.4E+02	5.7E+01
Mepiquat Chloride	24307-26-4	1.5E+02	1.8E-10	4.3E-12	3.7E-07	6.7E-02	7.9E-06	6.6E+01	5.0E+05
Mercury Compounds									
~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.7E+02							6.9E+04
~Mercury (elemental)	7439-97-6	2.0E+02	3.5E-01	8.6E-03	2.0E-03	3.1E-02	6.3E-06		6.0E-02
~Methyl Mercury	22967-92-6	2.2E+02							

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
~Phenylmercuric Acetate	62-38-4	3.4E+02	2.3E-08	5.7E-10	6.0E-06	3.9E-02	4.6E-06	5.6E+01	4.4E+03
Merphos	150-50-5	3.0E+02	9.3E-04	2.3E-05	2.0E-05	2.0E-02	5.0E-06	4.9E+04	3.5E-03
Merphos Oxide	78-48-8	3.1E+02	1.2E-05	2.9E-07	5.3E-06	2.0E-02	5.0E-06	2.4E+03	2.3E+00
Metalaxyl	57837-19-1	2.8E+02	1.2E-07	3.0E-09	5.6E-06	4.4E-02	5.2E-06	3.9E+01	8.4E+03
Methacrylonitrile	126-98-7	6.7E+01	1.0E-02	2.5E-04	7.1E+01	9.6E-02	1.1E-05	1.3E+01	2.5E+04
Methamidophos	10265-92-6	1.4E+02	3.5E-08	8.7E-10	3.5E-05	6.0E-02	9.2E-06	5.4E+00	1.0E+06
Methanol	67-56-1	3.2E+01	1.9E-04	4.6E-06	1.3E+02	1.6E-01	1.7E-05	1.0E+00	1.0E+06
Methidathion	950-37-8	3.0E+02	2.9E-07	7.2E-09	3.4E-06	4.2E-02	4.9E-06	2.1E+01	1.9E+02
Methomyl	16752-77-5	1.6E+02	8.1E-10	2.0E-11	5.4E-06	4.8E-02	8.4E-06	1.0E+01	5.8E+04
Methoxy-5-nitroaniline, 2-	99-59-2	1.7E+02	5.1E-07	1.3E-08	3.2E-04	4.3E-02	7.8E-06	7.1E+01	1.2E+02
Methoxychlor	72-43-5	3.5E+02	8.3E-06	2.0E-07	2.6E-06	2.2E-02	5.6E-06	2.7E+04	1.0E-01
Methoxyethanol Acetate, 2-	110-49-6	1.2E+02	1.3E-05	3.1E-07	7.0E+00	6.6E-02	8.7E-06	2.5E+00	1.0E+06
Methoxyethanol, 2-	109-86-4	7.6E+01	1.4E-05	3.3E-07	9.5E+00	9.5E-02	1.1E-05	1.0E+00	1.0E+06
Methyl Acetate	79-20-9	7.4E+01	4.7E-03	1.2E-04	2.2E+02	9.6E-02	1.1E-05	3.1E+00	2.4E+05
Methyl Acrylate	96-33-3	8.6E+01	8.1E-03	2.0E-04	8.7E+01	8.6E-02	1.0E-05	5.8E+00	4.9E+04
Methyl Ethyl Ketone (2-Butanone)	78-93-3	7.2E+01	2.3E-03	5.7E-05	9.1E+01	9.1E-02	1.0E-05	4.5E+00	2.2E+05
Methyl Hydrazine	60-34-4	4.6E+01	1.2E-04	3.0E-06	5.0E+01	1.3E-01	1.4E-05	1.3E+01	1.0E+06
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.00E+02	5.64E-03	1.38E-04	1.99E+01	6.98E-02	8.35E-06	1.26E+01	1.90E+04
Methyl Isocyanate	624-83-9	5.7E+01	3.8E-02	9.3E-04	3.5E+02	1.2E-01	1.3E-05	4.0E+01	2.9E+04
Methyl Methacrylate	80-62-6	1.0E+02	1.3E-02	3.2E-04	3.9E+01	7.5E-02	9.2E-06	9.1E+00	1.5E+04
Methyl Parathion	298-00-0	2.6E+02	4.1E-06	1.0E-07	3.5E-06	2.5E-02	6.4E-06	7.3E+02	3.8E+01
Methyl Phosphonic Acid	993-13-5	9.6E+01	5.0E-10	1.2E-11	3.3E-04	9.1E-02	1.1E-05	1.4E+00	2.0E+04
Methyl Styrene (Mixed Isomers)	25013-15-4	3.5E+02	1.1E-01	2.6E-03	1.5E+00	1.7E-02	4.2E-06	7.2E+02	8.9E+01
Methyl methanesulfonate	66-27-3	1.1E+02	1.6E-04	4.0E-06	3.1E-01	7.9E-02	1.1E-05	4.3E+00	2.0E+05
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8.8E+01	2.4E-02	5.9E-04	2.5E+02	7.5E-02	8.6E-06	1.2E+01	5.1E+04
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	2.0E+02	2.6E-16	6.4E-18	4.1E-12	5.6E-02	6.6E-06	2.0E+02	1.0E+06
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	3.4E-07	8.3E-09	9.8E-04	6.7E-02	7.8E-06	1.8E+02	1.0E+04
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.5E+02	5.0E-11	1.2E-12	1.2E-04	6.8E-02	8.0E-06	7.2E+01	2.7E+05
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	8.6E-05	2.1E-06	2.9E-01	6.9E-02	8.1E-06	1.2E+02	8.3E+03
Methylarsonic acid	124-58-3	1.4E+02			1.6E-03	7.0E-02	8.2E-06	4.4E+01	2.6E+05
Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.6E+02				6.5E-02	7.6E-06		
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	2.2E+02				5.2E-02	6.1E-06		
Methylcholanthrene, 3-	56-49-5	2.7E+02	2.1E-04	5.2E-06	4.3E-08	2.4E-02	6.1E-06	9.6E+05	2.9E-03
Methylene Chloride	75-09-2	8.49E+01	1.33E-01	3.25E-03	4.35E+02	9.99E-02	1.25E-05	2.17E+01	1.30E+04
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.7E+02	1.7E-09	4.1E-11	2.9E-07	4.6E-02	5.4E-06	5.7E+03	1.4E+01
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	2.5E+02	4.4E-08	1.1E-09	1.8E-05	4.7E-02	5.5E-06	2.7E+03	4.1E+00
Methylenebisbenzenamine, 4,4'-	101-77-9	2.0E+02	2.2E-09	5.3E-11	2.0E-07	5.6E-02	6.5E-06	2.1E+03	1.0E+03
Methylenediphenyl Diisocyanate	101-68-8	2.5E+02	3.7E-05	9.0E-07	5.0E-06	2.4E-02	6.2E-06	2.8E+05	8.3E-01
Methylstyrene, Alpha-	98-83-9	1.2E+02	1.0E-01	2.6E-03	1.9E+00	6.3E-02	8.2E-06	7.0E+02	1.2E+02
Metolachlor	51218-45-2	2.8E+02	3.7E-07	9.0E-09	3.1E-05	2.2E-02	5.5E-06	4.9E+02	5.3E+02
Metribuzin	21087-64-9	2.1E+02	4.8E-09	1.2E-10	4.4E-07	2.7E-02	7.1E-06	5.3E+01	1.1E+03
Metsulfuron-methyl	74223-64-6	3.8E+02	5.4E-15	1.3E-16	2.5E-12	3.6E-02	4.2E-06	9.3E+01	9.5E+03

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Mineral oils	8012-95-1	1.7E+02	3.3E+02	8.2E+00	1.4E-01	3.6E-02	6.4E-06	4.8E+03	3.7E-03
Mirex	2385-85-5	5.5E+02	3.3E-02	8.1E-04	8.0E-07	2.2E-02	5.6E-06	3.6E+05	8.5E-02
Molinate	2212-67-1	1.9E+02	1.7E-04	4.1E-06	5.6E-03	3.2E-02	6.8E-06	1.8E+02	9.7E+02
Molybdenum	7439-98-7	9.6E+01			0.0E+00				
Monochloramine	10599-90-3	5.1E+01							
Monomethylaniline	100-61-8	1.1E+02	3.6E-04	8.9E-06	4.5E-01	7.2E-02	9.1E-06	8.2E+01	5.6E+03
Myclobutanil	88671-89-0	2.7E+02	1.7E-07	4.3E-09	1.6E-06	4.5E-02	5.3E-06	6.1E+03	1.4E+02
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	2.6E+02	8.4E-09	2.1E-10	6.4E-09	4.7E-02	5.4E-06	5.2E+04	7.4E+00
Naled	300-76-5	3.8E+02	2.7E-03	6.5E-05	2.0E-04	2.5E-02	6.4E-06	1.3E+02	1.5E+00
Naphtha, High Flash Aromatic (HFAN)	64742-95-6		1.8E-02	4.4E-04	8.5E-02				3.1E+01
Naphthylamine, 2-	91-59-8	1.4E+02	3.3E-06	8.1E-08	2.6E-04	6.4E-02	1.0E-05	2.5E+03	1.9E+02
Napropamide	15299-99-7	2.7E+02	3.4E-08	8.4E-10	1.7E-07	4.5E-02	5.3E-06	3.2E+03	7.3E+01
Nickel Acetate	373-02-4	1.8E+02			1.8E-05	4.6E-02	9.7E-06	1.0E+00	1.7E+05
Nickel Carbonate	3333-67-3	1.2E+02			3.6E-06	7.9E-02	9.2E-06		9.3E+01
Nickel Carbonyl	13463-39-3	1.7E+02	2.0E+01	5.0E-01	3.2E+02	4.3E-02	8.2E-06		1.8E+02
Nickel Hydroxide	12054-48-7	9.3E+01							
Nickel Oxide	1313-99-1	7.5E+01							
Nickel Refinery Dust	NA								
Nickel Soluble Salts	7440-02-0	5.9E+01			0.0E+00				
Nickel Subsulfide	12035-72-2	2.4E+02							
Nickelocene	1271-28-9	1.9E+02				5.8E-02	6.7E-06		
Nitrate	14797-55-8	6.2E+01							
Nitrate + Nitrite (as N)	NA								
Nitrite	14797-65-0	4.7E+01							
Nitroaniline, 2-	88-74-4	1.4E+02	2.4E-06	5.9E-08	2.8E-03	5.2E-02	7.4E-06	1.1E+02	1.5E+03
Nitroaniline, 4-	100-01-6	1.4E+02	5.2E-08	1.3E-09	3.2E-06	6.4E-02	9.8E-06	1.1E+02	7.3E+02
Nitrobenzene	98-95-3	1.2E+02	9.8E-04	2.4E-05	2.5E-01	6.8E-02	9.4E-06	2.3E+02	2.1E+03
Nitrocellulose	9004-70-0	3.9E+02	1.3E-21	3.3E-23	1.4E-17	3.6E-02	4.2E-06	1.0E+01	1.0E+06
Nitrofurantoin	67-20-9	2.4E+02	5.4E-11	1.3E-12	2.8E-10	4.9E-02	5.8E-06	1.2E+02	8.0E+01
Nitrofurazone	59-87-0	2.0E+02	1.3E-11	3.1E-13	4.3E-06	5.6E-02	6.5E-06	3.5E+02	2.1E+02
Nitroglycerin	55-63-0	2.3E+02	3.5E-06	8.7E-08	4.0E-04	2.9E-02	7.7E-06	1.2E+02	1.4E+03
Nitroguanidine	556-88-7	1.0E+02	1.8E-14	4.5E-16	1.4E-11	1.0E-01	1.4E-05	2.1E+01	4.4E+03
Nitromethane	75-52-5	6.1E+01	1.2E-03	2.9E-05	3.6E+01	1.2E-01	1.4E-05	1.0E+01	1.1E+05
Nitropropane, 2-	79-46-9	8.9E+01	4.9E-03	1.2E-04	1.7E+01	8.5E-02	1.0E-05	3.1E+01	1.7E+04
Nitroso-N-ethylurea, N-	759-73-9	1.2E+02	5.4E-09	1.3E-10	1.8E-02	7.9E-02	9.3E-06	2.1E+01	1.3E+04
Nitroso-N-methylurea, N-	684-93-5	1.0E+02	4.1E-09	9.9E-11	2.9E-02	8.6E-02	1.0E-05	1.1E+01	1.4E+04
Nitroso-di-N-butylamine, N-	924-16-3	1.6E+02	5.4E-04	1.3E-05	4.7E-02	4.2E-02	6.8E-06	9.1E+02	1.3E+03
Nitroso-di-N-propylamine, N-	621-64-7	1.3E+02	2.2E-04	5.4E-06	8.6E-02	5.6E-02	7.8E-06	2.8E+02	1.3E+04
Nitrosodiethanolamine, N-	1116-54-7	1.3E+02	2.0E-10	4.9E-12	5.0E-04	7.3E-02	8.5E-06	1.0E+00	1.0E+06
Nitrosodiethylamine, N-	55-18-5	1.0E+02	1.5E-04	3.6E-06	8.6E-01	7.4E-02	9.1E-06	8.3E+01	1.1E+05
Nitrosodimethylamine, N-	62-75-9	7.4E+01	7.4E-05	1.8E-06	2.7E+00	9.9E-02	1.2E-05	2.3E+01	1.0E+06

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Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Nitrosodiphenylamine, N-	86-30-6	2.0E+02	5.0E-05	1.2E-06	1.0E-01	5.6E-02	6.5E-06	2.6E+03	3.5E+01
Nitrosomethylethylamine, N-	10595-95-6	8.8E+01	5.9E-05	1.4E-06	1.1E+00	8.4E-02	1.0E-05	4.3E+01	3.0E+05
Nitrosomorpholine [N-]	59-89-2	1.2E+02	1.0E-06	2.5E-08	3.6E-02	8.0E-02	9.3E-06	2.3E+01	1.0E+06
Nitrosopiperidine [N-]	100-75-4	1.1E+02	3.5E-05	8.4E-07	9.2E-02	7.0E-02	9.2E-06	1.7E+02	7.7E+04
Nitrosopyrrolidine, N-	930-55-2	1.0E+02	2.0E-06	4.9E-08	6.0E-02	8.0E-02	1.0E-05	9.2E+01	1.0E+06
Nitrotoluene, m-	99-08-1	1.4E+02	3.8E-04	9.3E-06	2.1E-01	5.9E-02	8.7E-06	3.6E+02	5.0E+02
Nitrotoluene, o-	88-72-2	1.4E+02	5.1E-04	1.3E-05	1.9E-01	5.9E-02	8.7E-06	3.7E+02	6.5E+02
Nitrotoluene, p-	99-99-0	1.4E+02	2.3E-04	5.6E-06	1.6E-02	5.7E-02	8.4E-06	3.6E+02	4.4E+02
Nonane, n-	111-84-2	1.3E+02	1.4E+02	3.4E+00	4.5E+00	5.1E-02	6.8E-06	8.0E+02	2.2E-01
Norflurazon	27314-13-2	3.0E+02	1.4E-08	3.4E-10	2.9E-08	4.2E-02	4.9E-06	3.1E+03	3.4E+01
Octabromodiphenyl Ether	32536-52-0	8.0E+02	3.1E-06	7.5E-08	1.3E-02	2.2E-02	2.6E-06	9.9E+04	1.1E-08
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.0E+02	3.5E-08	8.7E-10	3.3E-14	4.3E-02	5.0E-06	5.3E+02	5.0E+00
Octamethylpyrophosphoramidate	152-16-9	2.9E+02	1.5E-08	3.8E-10	1.0E-03	2.2E-02	5.4E-06	2.0E+01	1.0E+06
Oryzalin	19044-88-3	3.5E+02	7.8E-08	1.9E-09	9.8E-09	3.9E-02	4.5E-06	8.3E+02	2.5E+00
Oxadiazon	19666-30-9	3.5E+02	3.0E-06	7.3E-08	1.1E-07	3.9E-02	4.5E-06	5.0E+03	7.0E-01
Oxamyl	23135-22-0	2.2E+02	9.7E-09	2.4E-10	2.3E-04	2.3E-02	5.9E-06	1.0E+01	2.8E+05
Oxyfluorfen	42874-03-3	3.6E+02	3.4E-05	8.2E-07	2.0E-07	2.1E-02	5.3E-06	4.0E+04	1.2E-01
Paclobutrazol	76738-62-0	2.9E+02	3.4E-09	8.3E-11	7.5E-09	2.2E-02	5.7E-06	9.2E+02	2.6E+01
Paraquat Dichloride	1910-42-5	2.6E+02	1.3E-11	3.2E-13	7.5E-08	4.7E-02	5.5E-06	6.8E+03	6.2E+05
Parathion	56-38-2	2.9E+02	1.2E-05	3.0E-07	6.7E-06	2.3E-02	5.8E-06	2.4E+03	1.1E+01
Pebulate	1114-71-2	2.0E+02	9.7E-03	2.4E-04	8.9E-02	2.4E-02	6.1E-06	3.0E+02	1.0E+02
Pendimethalin	40487-42-1	2.8E+02	3.5E-05	8.6E-07	1.5E-05	2.3E-02	5.7E-06	5.6E+03	3.3E-01
Pentabromodiphenyl Ether	32534-81-9	5.6E+02	4.4E-03	1.1E-04	3.1E-08	2.8E-02	3.2E-06	2.2E+04	2.4E-03
Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9	5.6E+02	4.8E-05	1.2E-06	3.1E-08	2.2E-02	5.6E-06	2.2E+04	7.9E-05
Pentachlorobenzene	608-93-5	2.5E+02	2.9E-02	7.0E-04	1.0E-03	2.9E-02	7.9E-06	3.7E+03	8.3E-01
Pentachloroethane	76-01-7	2.0E+02	7.9E-02	1.9E-03	3.5E+00	3.2E-02	8.6E-06	1.4E+02	4.9E+02
Pentachloronitrobenzene	82-68-8	3.0E+02	1.8E-03	4.4E-05	5.0E-05	2.6E-02	6.9E-06	6.0E+03	4.4E-01
Pentachlorophenol	87-86-5	2.7E+02	1.0E-06	2.5E-08	1.1E-04	3.0E-02	8.0E-06	5.9E+02	1.4E+01
Pentaerythritol tetranitrate (PETN)	78-11-5	3.2E+02	5.4E-08	1.3E-09	5.5E-09	2.6E-02	6.8E-06	6.5E+02	4.3E+01
Pentane, n-	109-66-0	7.2E+01	5.1E+01	1.3E+00	5.1E+02	8.2E-02	8.8E-06	7.2E+01	3.8E+01
Perchlorates									
~Ammonium Perchlorate	7790-98-9	1.2E+02							2.5E+05
~Lithium Perchlorate	7791-03-9	1.1E+02							5.9E+05
~Perchlorate and Perchlorate Salts	14797-73-0	1.2E+02							2.5E+05
~Potassium Perchlorate	7778-74-7	1.4E+02							1.5E+04
~Sodium Perchlorate	7601-89-0	1.2E+02							2.1E+06
Perfluorobutane Sulfonate	375-73-5	3.0E+02	5.9E-04	1.4E-05	5.2E-02	2.7E-02	7.2E-06	1.8E+02	1.1E+02
Permethrin	52645-53-1	3.9E+02	7.7E-05	1.9E-06	2.2E-08	1.9E-02	4.8E-06	1.2E+05	6.0E-03
Phenacetin	62-44-2	1.8E+02	8.7E-09	2.1E-10	6.9E-07	6.0E-02	7.0E-06	4.1E+01	7.7E+02
Phenmedipham	13684-63-4	3.0E+02	3.4E-11	8.4E-13	1.0E-11	4.2E-02	5.0E-06	2.6E+03	4.7E+00
Phenol	108-95-2	9.4E+01	1.4E-05	3.3E-07	3.5E-01	8.3E-02	1.0E-05	1.9E+02	8.3E+04

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Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.1E+02	5.8E-08	1.4E-09	2.1E-05	2.6E-02	6.6E-06	6.0E+01	1.9E+03
Phenothiazine	92-84-2	2.0E+02	1.1E-06	2.8E-08	8.9E-07	2.9E-02	7.5E-06	1.5E+03	1.6E+00
Phenylenediamine, m-	108-45-2	1.1E+02	5.1E-08	1.3E-09	2.1E-03	7.2E-02	9.2E-06	3.4E+01	2.4E+05
Phenylenediamine, o-	95-54-5	1.1E+02	2.9E-07	7.2E-09	2.1E-03	8.4E-02	9.8E-06	3.5E+01	4.0E+04
Phenylenediamine, p-	106-50-3	1.1E+02	2.8E-08	6.7E-10	5.0E-03	8.4E-02	9.8E-06	3.4E+01	3.7E+04
Phenylphenol, 2-	90-43-7	1.7E+02	4.3E-05	1.1E-06	2.0E-03	4.2E-02	7.8E-06	6.7E+03	7.0E+02
Phorate	298-02-2	2.6E+02	1.8E-04	4.4E-06	6.4E-04	2.3E-02	5.9E-06	4.6E+02	5.0E+01
Phosgene	75-44-5	9.9E+01	6.8E-01	1.7E-02	1.4E+03	8.9E-02	1.2E-05	1.0E+00	6.8E+03
Phosmet	732-11-6	3.2E+02	3.4E-07	8.4E-09	4.9E-07	4.1E-02	4.8E-06	1.0E+01	2.4E+01
Phosphates, Inorganic									
~Aluminum metaphosphate	13776-88-0	2.6E+02							
~Ammonium polyphosphate	68333-79-9								
~Calcium pyrophosphate	7790-76-3	2.5E+02							
~Diammonium phosphate	7783-28-0	1.3E+02							
~Dicalcium phosphate	7757-93-9	1.4E+02							
~Dimagnesium phosphate	7782-75-4	1.7E+02							
~Dipotassium phosphate	7758-11-4	1.7E+02							
~Disodium phosphate	7558-79-4	1.4E+02							
~Monoaluminum phosphate	13530-50-2	3.2E+02							
~Monoammonium phosphate	7722-76-1	1.2E+02							
~Monocalcium phosphate	7758-23-8	2.3E+02							
~Monomagnesium phosphate	7757-86-0	1.2E+02							
~Monopotassium phosphate	7778-77-0	1.4E+02							
~Monosodium phosphate	7558-80-7	1.2E+02							4.9E+05
~Polyphosphoric acid	8017-16-1	2.6E+02							
~Potassium tripolyphosphate	13845-36-8	4.5E+02							
~Sodium acid pyrophosphate	7758-16-9	2.2E+02							
~Sodium aluminum phosphate (acidic)	7785-88-8	1.4E+02							
~Sodium aluminum phosphate (anhydrous)	10279-59-1								
~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	9.5E+02							
~Sodium hexametaphosphate	10124-56-8	6.1E+02							
~Sodium polyphosphate	68915-31-1	3.6E+02							
~Sodium trimetaphosphate	7785-84-4	3.1E+02							
~Sodium tripolyphosphate	7758-29-4	3.7E+02							
~Tetrapotassium phosphate	7320-34-5	3.3E+02							
~Tetrasodium pyrophosphate	7722-88-5	2.7E+02							8.1E+04
~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	8.9E+02							
~Tricalcium phosphate	7758-87-4	3.1E+02							
~Trimagnesium phosphate	7757-87-1	2.6E+02							
~Tripotassium phosphate	7778-53-2	2.1E+02							
~Trisodium phosphate	7601-54-9	1.6E+02							

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Phosphine	7803-51-2	3.4E+01	1.0E+00	2.4E-02	2.9E+04	1.9E-01	2.2E-05		2.6E+05
Phosphoric Acid	7664-38-2	9.8E+01			3.0E-02				5.5E+06
Phosphorus, White	7723-14-0	1.2E+02	8.6E-02	2.1E-03	2.5E-02	2.2E-01	2.8E-05	1.1E+03	3.0E+00
Phthalates									
~Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+02	1.1E-05	2.7E-07	1.4E-07	1.7E-02	4.2E-06	1.2E+05	2.7E-01
~Butyl Benzyl Phthalate	85-68-7	3.1E+02	5.2E-05	1.3E-06	8.3E-06	2.1E-02	5.2E-06	7.2E+03	2.7E+00
~Butylphthalyl Butylglycolate	85-70-1	3.4E+02	8.4E-07	2.1E-08	7.1E-06	2.0E-02	4.9E-06	1.1E+04	8.8E+00
~Dibutyl Phthalate	84-74-2	2.8E+02	7.4E-05	1.8E-06	2.0E-05	2.1E-02	5.3E-06	1.2E+03	1.1E+01
~Diethyl Phthalate	84-66-2	2.2E+02	2.5E-05	6.1E-07	2.1E-03	2.6E-02	6.7E-06	1.0E+02	1.1E+03
~Dimethylterephthalate	120-61-6	1.9E+02	5.5E-03	1.3E-04	1.0E-02	2.9E-02	6.7E-06	3.1E+01	1.9E+01
~Octyl Phthalate, di-N-	117-84-0	3.9E+02	1.1E-04	2.6E-06	1.0E-07	3.6E-02	4.2E-06	1.4E+05	2.2E-02
~Phthalic Acid, P-	100-21-0	1.7E+02	1.6E-11	3.9E-13	9.2E-06	4.9E-02	9.0E-06	7.9E+01	1.5E+01
~Phthalic Anhydride	85-44-9	1.5E+02	6.7E-07	1.6E-08	5.2E-04	5.9E-02	9.8E-06	1.0E+01	6.2E+03
Picloram	1918-02-1	2.4E+02	2.2E-12	5.3E-14	7.2E-11	4.9E-02	5.7E-06	3.9E+01	4.3E+02
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	2.0E+02	4.0E-10	9.8E-12	4.2E-07	5.6E-02	6.5E-06	2.3E+02	1.4E+03
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	2.3E+02	7.0E-10	1.7E-11	7.5E-07	3.0E-02	8.2E-06	2.3E+03	1.3E+04
Pirimiphos, Methyl	29232-93-7	3.1E+02	2.9E-05	7.0E-07	1.5E-05	2.2E-02	5.4E-06	3.7E+02	8.6E+00
Polybrominated Biphenyls	59536-65-1								
Polychlorinated Biphenyls (PCBs)									
~Aroclor 1016	12674-11-2	5.5E+02	8.2E-03	2.0E-04	4.0E-04	1.7E-02	4.2E-06	4.8E+04	4.2E-01
~Aroclor 1221	11104-28-2	1.9E+02	9.3E-03	2.3E-04	6.7E-03	3.2E-02	7.2E-06	8.4E+03	1.5E+01
~Aroclor 1232	11141-16-5	1.9E+02	3.0E-02	7.4E-04	4.1E-03	3.3E-02	7.5E-06	8.4E+03	1.5E+00
~Aroclor 1242	53469-21-9	2.9E+02	1.4E-02	3.4E-04	8.6E-05	2.4E-02	6.1E-06	7.8E+04	2.8E-01
~Aroclor 1248	12672-29-6	6.2E+02	1.8E-02	4.4E-04	4.9E-04	1.6E-02	3.9E-06	7.7E+04	1.0E-01
~Aroclor 1254	11097-69-1	3.3E+02	1.2E-02	2.8E-04	7.7E-05	2.4E-02	6.1E-06	1.3E+05	4.3E-02
~Aroclor 1260	11096-82-5	4.0E+02	1.4E-02	3.4E-04	4.1E-05	2.2E-02	5.6E-06	3.5E+05	1.4E-02
~Aroclor 5460	11126-42-4	2.9E+02	5.1E-03	1.3E-04	8.5E-06	2.6E-02	6.8E-06	8.1E+04	5.3E-02
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	4.0E+02	2.1E-03	5.1E-05	1.3E-07	4.2E-02	5.7E-06	3.5E+05	7.5E-04
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.6E+02	2.8E-03	6.9E-05	5.8E-07	4.4E-02	5.9E-06	2.1E+05	2.2E-03
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.6E+02	6.6E-03	1.6E-04	5.8E-07	4.4E-02	5.9E-06	2.1E+05	1.6E-03
~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	3.6E+02	5.8E-03	1.4E-04	1.6E-06	4.4E-02	5.9E-06	2.1E+05	5.3E-03
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.6E+02	2.8E-03	6.9E-05	5.8E-07	4.4E-02	5.9E-06	2.1E+05	5.1E-04
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.3E+02	7.8E-03	1.9E-04	5.5E-06	4.7E-02	6.1E-06	1.3E+05	1.6E-02
~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	3.3E+02	1.2E-02	2.9E-04	9.0E-06	4.7E-02	6.1E-06	1.3E+05	1.3E-02
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.3E+02	1.2E-02	2.8E-04	6.5E-06	4.7E-02	6.1E-06	1.3E+05	3.4E-03
~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	3.3E+02	3.8E-03	9.2E-05	5.5E-06	4.7E-02	6.1E-06	1.3E+05	1.6E-02
~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.3E+02	7.8E-03	1.9E-04	2.2E-06	4.7E-02	6.1E-06	1.3E+05	7.3E-03
~Polychlorinated Biphenyls (high risk)	1336-36-3	2.9E+02	1.7E-02	4.2E-04	4.9E-04	2.4E-02	6.3E-06	7.8E+04	7.0E-01
~Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	1.7E-02	4.2E-04	4.9E-04	2.4E-02	6.3E-06	7.8E+04	7.0E-01
~Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.9E+02	1.7E-02	4.2E-04	4.9E-04	2.4E-02	6.3E-06	7.8E+04	7.0E-01
~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.9E+02	3.8E-04	9.4E-06	1.6E-05	4.9E-02	5.0E-06	7.8E+04	5.7E-04

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Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.9E+02	9.1E-03	2.2E-04	8.5E-06	4.9E-02	6.3E-06	7.8E+04	3.2E-02
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	5.1E+02	5.4E-10	1.3E-11	5.4E-13	3.0E-02	3.5E-06	1.0E+10	1.8E-06
Polynuclear Aromatic Hydrocarbons (PAHs)									
~Acenaphthene	83-32-9	1.5E+02	7.5E-03	1.8E-04	2.2E-03	5.1E-02	8.3E-06	5.0E+03	3.9E+00
~Anthracene	120-12-7	1.8E+02	2.3E-03	5.6E-05	6.5E-06	3.9E-02	7.9E-06	1.6E+04	4.3E-02
~Benz[a]anthracene	56-55-3	2.3E+02	4.9E-04	1.2E-05	2.1E-07	2.6E-02	6.7E-06	1.8E+05	9.4E-03
~Benzo(j)fluoranthene	205-82-3	2.5E+02	8.3E-06	2.0E-07	2.6E-08	4.8E-02	5.6E-06	6.0E+05	2.5E-03
~Benzo[a]pyrene	50-32-8	2.5E+02	1.9E-05	4.6E-07	5.5E-09	4.8E-02	5.6E-06	5.9E+05	1.6E-03
~Benzo[b]fluoranthene	205-99-2	2.5E+02	2.7E-05	6.6E-07	5.0E-07	4.8E-02	5.6E-06	6.0E+05	1.5E-03
~Benzo[k]fluoranthene	207-08-9	2.5E+02	2.4E-05	5.8E-07	9.7E-10	4.8E-02	5.6E-06	5.9E+05	8.0E-04
~Chloronaphthalene, Beta-	91-58-7	1.6E+02	1.3E-02	3.2E-04	1.2E-02	4.5E-02	7.7E-06	2.5E+03	1.2E+01
~Chrysene	218-01-9	2.3E+02	2.1E-04	5.2E-06	6.2E-09	2.6E-02	6.7E-06	1.8E+05	2.0E-03
~Dibenz[a,h]anthracene	53-70-3	2.8E+02	5.8E-06	1.4E-07	9.6E-10	4.5E-02	5.2E-06	1.9E+06	2.5E-03
~Dibenzo(a,e)pyrene	192-65-4	3.0E+02	5.8E-07	1.4E-08	7.0E-11	4.2E-02	4.9E-06	6.5E+06	8.0E-05
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	2.6E+02	1.5E-04	3.8E-06	6.8E-07	4.7E-02	5.5E-06	4.9E+05	6.1E-02
~Fluoranthene	206-44-0	2.0E+02	3.6E-04	8.9E-06	9.2E-06	2.8E-02	7.2E-06	5.5E+04	2.6E-01
~Fluorene	86-73-7	1.7E+02	3.9E-03	9.6E-05	6.0E-04	4.4E-02	7.9E-06	9.2E+03	1.7E+00
~Indeno[1,2,3-cd]pyrene	193-39-5	2.8E+02	1.4E-05	3.5E-07	1.3E-10	4.5E-02	5.2E-06	2.0E+06	1.9E-04
~Methylnaphthalene, 1-	90-12-0	1.4E+02	2.1E-02	5.1E-04	6.7E-02	5.3E-02	7.8E-06	2.5E+03	2.6E+01
~Methylnaphthalene, 2-	91-57-6	1.4E+02	2.1E-02	5.2E-04	5.5E-02	5.2E-02	7.8E-06	2.5E+03	2.5E+01
~Naphthalene	91-20-3	1.3E+02	1.8E-02	4.4E-04	8.5E-02	6.0E-02	8.4E-06	1.5E+03	3.1E+01
~Nitropyrene, 4-	57835-92-4	2.5E+02	1.0E-06	2.5E-08	5.5E-08	4.8E-02	5.6E-06	8.6E+04	6.8E-02
~Pyrene	129-00-0	2.0E+02	4.9E-04	1.2E-05	4.5E-06	2.8E-02	7.2E-06	5.4E+04	1.4E-01
Potassium Perfluorobutane Sulfonate	29420-49-3	3.4E+02			1.1E-08	3.9E-02	4.6E-06	1.8E+02	1.4E+00
Prochloraz	67747-09-5	3.8E+02	6.7E-07	1.6E-08	1.1E-06	3.6E-02	4.3E-06	2.4E+03	3.4E+01
Profluralin	26399-36-0	3.5E+02	1.2E-02	2.9E-04	6.3E-05	2.2E-02	5.5E-06	3.1E+04	1.0E-01
Prometon	1610-18-0	2.3E+02	3.7E-08	9.1E-10	2.3E-06	5.1E-02	6.0E-06	1.4E+02	7.5E+02
Prometryn	7287-19-6	2.4E+02	4.9E-07	1.2E-08	1.2E-06	2.4E-02	6.2E-06	6.6E+02	3.3E+01
Propachlor	1918-16-7	2.1E+02	1.5E-05	3.6E-07	2.3E-04	2.7E-02	7.0E-06	2.0E+02	5.8E+02
Propanil	709-98-8	2.2E+02	7.0E-08	1.7E-09	9.1E-07	2.7E-02	6.9E-06	1.8E+02	1.5E+02
Propargite	2312-35-8	3.5E+02	2.6E-05	6.4E-07	3.0E-07	1.9E-02	4.8E-06	3.7E+04	2.2E-01
Propargyl Alcohol	107-19-7	5.6E+01	4.7E-05	1.2E-06	1.6E+01	1.2E-01	1.3E-05	1.9E+00	1.0E+06
Propazine	139-40-2	2.3E+02	1.9E-07	4.6E-09	1.3E-07	2.5E-02	6.4E-06	3.4E+02	8.6E+00
Propham	122-42-9	1.8E+02	7.5E-06	1.8E-07	1.4E-04	3.6E-02	7.1E-06	2.2E+02	1.8E+02
Propiconazole	60207-90-1	3.4E+02	7.0E-08	1.7E-09	4.2E-07	2.1E-02	5.3E-06	1.6E+03	1.1E+02
Propionaldehyde	123-38-6	5.8E+01	3.0E-03	7.3E-05	3.2E+02	1.1E-01	1.2E-05	1.0E+00	3.1E+05
Propyl benzene	103-65-1	1.20E+02	4.29E-01	1.05E-02	3.42E+00	6.02E-02	7.83E-06	8.13E+02	5.22E+01
Propylene	115-07-1	4.21E+01	8.01E+00	1.96E-01	8.69E+03	1.10E-01	1.07E-05	2.17E+01	2.00E+02
Propylene Glycol	57-55-6	7.6E+01	5.3E-07	1.3E-08	1.3E-01	9.8E-02	1.2E-05	1.0E+00	1.0E+06
Propylene Glycol Dinitrate	6423-43-4	1.7E+02	3.9E-05	9.4E-07	3.8E-01	6.3E-02	7.3E-06	6.1E+01	3.3E+03
Propylene Glycol Monomethyl Ether	107-98-2	9.0E+01	3.8E-05	9.2E-07	1.3E+01	8.3E-02	1.0E-05	1.0E+00	1.0E+06
Propylene Oxide	75-56-9	5.8E+01	2.8E-03	7.0E-05	5.4E+02	1.1E-01	1.2E-05	5.2E+00	5.9E+05

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Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Propyzamide	23950-58-5	2.6E+02	4.0E-07	9.8E-09	4.4E-07	4.7E-02	5.5E-06	4.0E+02	1.5E+01
Pyridine	110-86-1	7.9E+01	4.5E-04	1.1E-05	2.1E+01	9.3E-02	1.1E-05	7.2E+01	1.0E+06
Quinalphos	13593-03-8	3.0E+02	1.9E-06	4.6E-08	2.6E-06	4.3E-02	5.0E-06	4.2E+03	2.2E+01
Quinoline	91-22-5	1.3E+02	6.8E-05	1.7E-06	6.0E-02	6.2E-02	8.7E-06	1.5E+03	6.1E+03
Quizalofop-ethyl	76578-14-8	3.7E+02	4.3E-07	1.1E-08	6.5E-09	3.7E-02	4.3E-06	7.7E+03	3.0E-01
Refractory Ceramic Fibers	NA								
Resmethrin	10453-86-8	3.4E+02	5.4E-06	1.3E-07	1.1E-08	3.9E-02	4.6E-06	3.1E+05	3.8E-02
Ronnel	299-84-3	3.2E+02	1.3E-03	3.2E-05	7.5E-05	2.3E-02	5.9E-06	4.5E+03	1.0E+00
Rotenone	83-79-4	3.9E+02	4.6E-12	1.1E-13	6.9E-10	3.5E-02	4.1E-06	2.6E+05	2.0E-01
Safrole	94-59-7	1.6E+02	3.7E-04	9.1E-06	6.2E-02	4.4E-02	7.6E-06	2.1E+02	1.2E+02
Selenious Acid	7783-00-8	1.3E+02							9.0E+05
Selenium	7782-49-2	7.9E+01			1.4E-10				
Selenium Sulfide	7446-34-6	1.1E+02							
Sethoxydim	74051-80-2	3.3E+02	8.8E-10	2.2E-11	1.6E-07	2.0E-02	4.8E-06	4.4E+03	2.5E+01
Silica (crystalline, respirable)	7631-86-9	6.0E+01							
Silver	7440-22-4	1.1E+02			0.0E+00				
Simazine	122-34-9	2.0E+02	3.9E-08	9.4E-10	2.2E-08	2.8E-02	7.4E-06	1.5E+02	6.2E+00
Sodium Acifluorfen	62476-59-9	3.8E+02	2.5E-09	6.1E-11	9.8E-09	3.6E-02	4.2E-06	3.9E+03	2.5E+05
Sodium Azide	26628-22-8	6.5E+01							4.1E+05
Sodium Dichromate	10588-01-9	2.6E+02							1.9E+06
Sodium Diethyldithiocarbamate	148-18-5	1.7E+02			8.2E-10	6.1E-02	7.2E-06	2.0E+02	3.6E+05
Sodium Fluoride	7681-49-4	4.2E+01			0.0E+00				4.2E+04
Sodium Fluoroacetate	62-74-8	1.0E+02	4.5E-05	1.1E-06	6.5E-07	8.8E-02	1.0E-05	1.4E+00	1.1E+06
Sodium Metavanadate	13718-26-8	1.2E+02							2.1E+05
Sodium Tungstate	13472-45-2	2.9E+02							7.4E+05
Sodium Tungstate Dihydrate	10213-10-2	3.3E+02							7.4E+05
Stirofos (Tetrachlorovinphos)	961-11-5	3.7E+02	7.5E-08	1.8E-09	4.2E-08	3.7E-02	4.3E-06	1.4E+03	1.1E+01
Strontium Chromate	7789-06-2	2.0E+02							1.1E+03
Strontium, Stable	7440-24-6	8.8E+01							
Strychnine	57-24-9	3.3E+02	3.1E-12	7.6E-14	2.9E-09	2.2E-02	5.6E-06	5.4E+03	1.6E+02
Styrene	100-42-5	1.04E+02	1.12E-01	2.75E-03	6.40E+00	7.11E-02	8.78E-06	4.46E+02	3.10E+02
Styrene-Acrylonitrile (SAN) Trimer	NA	2.1E+02				2.6E-02	6.5E-06		8.5E+01
Sulfolane	126-33-0	1.2E+02	2.0E-04	4.9E-06	4.1E-03	7.2E-02	9.9E-06	9.1E+00	1.0E+06
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	2.9E+02	5.6E-06	1.4E-07	8.1E-07	4.4E-02	5.1E-06	2.9E+03	2.4E+00
Sulfur Trioxide	7446-11-9	8.0E+01			2.6E+02	1.2E-01	1.6E-05		
Sulfuric Acid	7664-93-9	9.8E+01			5.9E-05				1.0E+06
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3.3E+02	7.8E-06	1.9E-07	2.2E-07	2.0E-02	5.0E-06	5.6E+03	5.9E-01
TCMTB	21564-17-0	2.4E+02	2.7E-10	6.5E-12	3.1E-07	4.9E-02	5.8E-06	3.4E+03	1.3E+02
Tebuthiuron	34014-18-1	2.3E+02	4.9E-09	1.2E-10	3.0E-07	5.1E-02	5.9E-06	4.2E+01	2.5E+03
Temephos	3383-96-8	4.7E+02	8.0E-08	2.0E-09	7.9E-08	1.8E-02	4.5E-06	9.5E+04	2.7E-01
Terbacil	5902-51-2	2.2E+02	4.9E-09	1.2E-10	4.7E-07	2.7E-02	7.2E-06	5.0E+01	7.1E+02

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Terbufos	13071-79-9	2.9E+02	9.8E-04	2.4E-05	3.2E-04	2.2E-02	5.4E-06	1.0E+03	5.1E+00
Terbutryn	886-50-0	2.4E+02	8.8E-07	2.2E-08	1.7E-06	2.4E-02	6.0E-06	6.1E+02	2.5E+01
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	4.9E+02	1.2E-04	3.0E-06	7.0E-08	3.1E-02	3.6E-06	1.3E+04	1.5E-03
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.2E+02	4.1E-02	1.0E-03	5.4E-03	3.2E-02	8.8E-06	2.2E+03	6.0E-01
Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+02	1.0E-01	2.5E-03	1.2E+01	4.8E-02	9.1E-06	8.6E+01	1.1E+03
Tetrachloroethane, 1,1,2,2-	79-34-5	1.7E+02	1.5E-02	3.7E-04	4.6E+00	4.9E-02	9.3E-06	9.5E+01	2.8E+03
Tetrachloroethylene	127-18-4	1.66E+02	7.24E-01	1.77E-02	1.85E+01	5.05E-02	9.46E-06	9.49E+01	2.06E+02
Tetrachlorophenol, 2,3,4,6-	58-90-2	2.3E+02	3.6E-04	8.8E-06	6.7E-04	5.0E-02	5.9E-06	2.8E+02	2.3E+01
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.3E+02	7.9E-03	1.9E-04	3.8E-02	2.8E-02	7.3E-06	1.6E+03	4.0E+00
Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+02	1.8E-04	4.5E-06	1.1E-04	2.1E-02	5.3E-06	2.7E+02	3.0E+01
Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+02	2.0E+00	5.0E-02	5.0E+03	8.2E-02	1.1E-05	8.6E+01	2.0E+03
Tetryl (Trinitrophenylmethyl nitramine)	479-45-8	2.9E+02	1.1E-07	2.7E-09	5.7E-08	2.6E-02	6.7E-06	4.6E+03	7.4E+01
Thallic Oxide	1314-32-5	4.6E+02							
Thallium (I) Nitrate	10102-45-1	2.7E+02							9.6E+04
Thallium (Soluble Salts)	7440-28-0	2.1E+02							
Thallium Acetate	563-68-8	2.6E+02			1.5E+01	3.9E-02	1.2E-05	1.5E+00	2.8E+04
Thallium Carbonate	6533-73-9	4.7E+02			5.8E+00	3.9E-02	1.2E-05	2.9E+00	5.2E+04
Thallium Chloride	7791-12-0	2.4E+02				5.2E-02	1.8E-05		2.9E+03
Thallium Selenite	12039-52-0	2.8E+02							
Thallium Sulfate	7446-18-6	5.0E+02							5.5E+04
Thifensulfuron-methyl	79277-27-3	3.9E+02	1.7E-12	4.1E-14	1.3E-10	3.6E-02	4.2E-06	5.1E+01	2.2E+03
Thiobencarb	28249-77-6	2.6E+02	1.1E-05	2.7E-07	2.2E-05	2.3E-02	5.9E-06	1.6E+03	2.8E+01
Thiodiglycol	111-48-8	1.2E+02	7.6E-08	1.9E-09	3.2E-03	6.8E-02	9.4E-06	1.0E+00	1.0E+06
Thiofanox	39196-18-4	2.2E+02	3.8E-07	9.4E-09	1.7E-04	5.2E-02	6.1E-06	7.2E+01	5.2E+03
Thiophanate, Methyl	23564-05-8	3.4E+02	4.9E-08	1.2E-09	7.1E-08	3.9E-02	4.5E-06	3.3E+02	2.7E+01
Thiram	137-26-8	2.4E+02	7.4E-06	1.8E-07	1.7E-05	2.6E-02	6.6E-06	6.1E+02	3.0E+01
Tin	7440-31-5	1.2E+02			0.0E+00				
Titanium Tetrachloride	7550-45-0	1.9E+02			1.0E+01	3.8E-02	9.1E-06		
Toluene	108-88-3	9.2E+01	2.7E-01	6.6E-03	2.8E+01	7.8E-02	9.2E-06	2.3E+02	5.3E+02
Toluene-2,4-diisocyanate	584-84-9	1.7E+02	4.5E-04	1.1E-05	8.0E-03	4.0E-02	7.8E-06	7.4E+03	3.8E+01
Toluene-2,5-diamine	95-70-5	1.2E+02	3.0E-07	7.4E-09	3.4E-03	7.7E-02	9.0E-06	5.5E+01	7.7E+04
Toluene-2,6-diisocyanate	91-08-7	1.7E+02	4.5E-04	1.1E-05	2.1E-02	6.1E-02	7.1E-06	7.6E+03	3.8E+01
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.1E+02	8.1E-05	2.0E-06	2.6E-01	7.2E-02	9.2E-06	1.2E+02	1.7E+04
Toluidine, p-	106-49-0	1.1E+02	8.3E-05	2.0E-06	2.9E-01	7.1E-02	9.0E-06	1.1E+02	6.5E+03
Total Petroleum Hydrocarbons (Aliphatic High)	NA	1.7E+02	3.3E+02	8.2E+00	1.4E-01	6.2E-02	7.2E-06	4.8E+03	3.7E-03
Total Petroleum Hydrocarbons (Aliphatic Low)	NA	8.6E+01	7.4E+01	1.8E+00	1.5E+02	7.3E-02	8.2E-06	1.3E+02	9.5E+00
Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	1.3E+02	1.4E+02	3.4E+00	4.5E+00	5.1E-02	6.8E-06	8.0E+02	2.2E-01
Total Petroleum Hydrocarbons (Aromatic High)	NA	2.0E+02	3.6E-04	8.9E-06	9.2E-06	2.8E-02	7.2E-06	5.5E+04	2.6E-01
Total Petroleum Hydrocarbons (Aromatic Low)	NA	7.8E+01	2.3E-01	5.6E-03	9.5E+01	9.0E-02	1.0E-05	1.5E+02	1.8E+03
Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.4E+02	2.0E-02	4.8E-04	7.0E-02	5.6E-02	8.1E-06	2.0E+03	2.8E+01
Toxaphene	8001-35-2	4.5E+02	2.5E-04	6.0E-06	6.7E-06	3.2E-02	3.8E-06	7.7E+04	5.5E-01
Tralomethrin	66841-25-6	6.7E+02	1.6E-08	3.9E-10	3.6E-11	2.5E-02	2.9E-06	1.9E+05	8.0E-02

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Tri-n-butyltin	688-73-3	2.9E+02	6.2E+01	1.5E+00	4.0E-02	2.1E-02	5.4E-06	8.1E+03	7.3E-03
Triacetin	102-76-1	2.2E+02	5.0E-07	1.2E-08	2.5E-03	2.6E-02	6.6E-06	4.1E+01	5.8E+04
Triadimefon	43121-43-3	2.9E+02	3.3E-09	8.1E-11	1.5E-08	2.2E-02	5.7E-06	3.0E+02	7.2E+01
Triallate	2303-17-5	3.0E+02	4.9E-04	1.2E-05	1.2E-04	2.2E-02	5.7E-06	1.0E+03	4.0E+00
Triasulfuron	82097-50-5	4.0E+02	1.3E-11	3.2E-13	5.5E-12	3.5E-02	4.1E-06	4.3E+02	3.2E+01
Tribenuron-methyl	101200-48-0	4.0E+02	4.2E-12	1.0E-13	3.9E-10	3.5E-02	4.1E-06	9.5E+01	5.0E+01
Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	1.4E-02	3.4E-04	5.5E-03	2.9E-02	7.9E-06	6.1E+02	4.9E+00
Tributyl Phosphate	126-73-8	2.7E+02	5.8E-05	1.4E-06	1.1E-03	2.1E-02	5.2E-06	2.4E+03	2.8E+02
Tributyltin Compounds	NA								
Tributyltin Oxide	56-35-9	6.0E+02	1.2E-05	3.0E-07	7.5E-06	1.5E-02	3.6E-06	2.6E+07	2.0E+01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	1.9E+02	2.2E+01	5.3E-01	3.6E+02	3.8E-02	8.6E-06	2.0E+02	1.7E+02
Trichloroacetic Acid	76-03-9	1.6E+02	5.5E-07	1.4E-08	6.0E-02	5.2E-02	9.5E-06	3.2E+00	5.5E+04
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.3E+02	2.9E-12	7.2E-14	6.1E-08	5.0E-02	5.9E-06	1.3E+03	2.1E+01
Trichloroaniline, 2,4,6-	634-93-5	2.0E+02	5.5E-05	1.3E-06	4.4E-03	5.6E-02	6.6E-06	4.4E+03	4.0E+01
Trichlorobenzene, 1,2,3-	87-61-6	1.8E+02	5.1E-02	1.3E-03	2.1E-01	4.0E-02	8.4E-06	1.4E+03	1.8E+01
Trichlorobenzene, 1,2,4-	120-82-1	1.8E+02	5.8E-02	1.4E-03	4.6E-01	4.0E-02	8.4E-06	1.4E+03	4.9E+01
Trichloroethane, 1,1,1-	71-55-6	1.3E+02	7.0E-01	1.7E-02	1.2E+02	6.5E-02	9.6E-06	4.4E+01	1.3E+03
Trichloroethane, 1,1,2-	79-00-5	1.3E+02	3.4E-02	8.2E-04	2.3E+01	6.7E-02	1.0E-05	6.1E+01	4.6E+03
Trichloroethylene	79-01-6	1.31E+02	4.03E-01	9.85E-03	6.90E+01	6.87E-02	1.02E-05	6.07E+01	1.28E+03
Trichlorofluoromethane	75-69-4	1.4E+02	4.0E+00	9.7E-02	8.0E+02	6.5E-02	1.0E-05	4.4E+01	1.1E+03
Trichlorophenol, 2,4,5-	95-95-4	2.0E+02	6.6E-05	1.6E-06	7.5E-03	3.1E-02	8.1E-06	1.6E+03	1.2E+03
Trichlorophenol, 2,4,6-	88-06-2	2.0E+02	1.1E-04	2.6E-06	8.0E-03	3.1E-02	8.1E-06	3.8E+02	8.0E+02
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	2.6E+02	3.5E-07	8.7E-09	3.8E-05	2.9E-02	7.8E-06	1.1E+02	2.8E+02
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	2.7E+02	3.7E-07	9.1E-09	1.0E-05	2.3E-02	5.9E-06	1.8E+02	7.1E+01
Trichloropropane, 1,1,2-	598-77-6	1.5E+02	1.3E-02	3.2E-04	3.1E+00	5.7E-02	9.2E-06	9.5E+01	1.9E+03
Trichloropropane, 1,2,3-	96-18-4	1.5E+02	1.4E-02	3.4E-04	3.7E+00	5.7E-02	9.2E-06	1.2E+02	1.8E+03
Trichloropropene, 1,2,3-	96-19-5	1.5E+02	7.2E-01	1.8E-02	4.4E+00	5.9E-02	9.4E-06	1.2E+02	3.3E+02
Tricresyl Phosphate (TCP)	1330-78-5	3.7E+02	3.3E-05	8.1E-07	6.0E-07	1.9E-02	4.8E-06	4.7E+04	3.6E-01
Tridiphane	58138-08-2	3.2E+02	1.7E-05	4.1E-07	3.9E-04	4.1E-02	4.7E-06	3.4E+03	1.1E+00
Triethylamine	121-44-8	1.0E+02	6.1E-03	1.5E-04	5.7E+01	6.6E-02	7.9E-06	5.1E+01	6.9E+04
Triethylene Glycol	112-27-6	1.5E+02	1.3E-09	3.2E-11	1.3E-03	5.1E-02	8.1E-06	1.0E+01	1.0E+06
Trifluoroethane, 1,1,1-	420-46-2	8.4E+01	3.1E+01	7.7E-01	9.5E+03	9.9E-02	1.2E-05	4.4E+01	7.6E+02
Trifluralin	1582-09-8	3.4E+02	4.2E-03	1.0E-04	4.6E-05	2.2E-02	5.6E-06	1.6E+04	1.8E-01
Trimethyl Phosphate	512-56-1	1.4E+02	2.9E-07	7.2E-09	8.5E-01	5.8E-02	8.8E-06	1.1E+01	5.0E+05
Trimethylbenzene, 1,2,3-	526-73-8	1.2E+02	1.8E-01	4.4E-03	1.7E+00	6.1E-02	8.0E-06	6.3E+02	7.5E+01
Trimethylbenzene, 1,2,4-	95-63-6	1.20E+02	2.52E-01	6.16E-03	2.10E+00	6.07E-02	7.92E-06	6.14E+02	5.70E+01
Trimethylbenzene, 1,3,5-	108-67-8	1.2E+02	3.6E-01	8.8E-03	2.5E+00	6.0E-02	7.8E-06	6.0E+02	4.8E+01
Trimethylpentene, 2,4,4-	25167-70-8	1.1E+02	3.0E+01	7.5E-01	7.1E+01	6.0E-02	7.3E-06	2.4E+02	4.0E+00
Trinitrobenzene, 1,3,5-	99-35-4	2.1E+02	2.7E-07	6.5E-09	6.4E-06	2.9E-02	7.7E-06	1.7E+03	2.8E+02
Trinitrotoluene, 2,4,6-	118-96-7	2.3E+02	8.5E-07	2.1E-08	8.0E-06	3.0E-02	7.9E-06	2.8E+03	1.2E+02
Triphenylphosphine Oxide	791-28-6	2.8E+02	2.2E-08	5.3E-10	2.6E-09	2.3E-02	5.8E-06	2.0E+03	6.3E+01
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	4.3E+02	1.1E-07	2.6E-09	7.4E-08	3.3E-02	3.9E-06	1.1E+04	7.0E+00

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Tris(1-chloro-2-propyl)phosphate	13674-84-5	3.3E+02	2.4E-06	6.0E-08	2.0E-05	4.0E-02	4.7E-06	1.6E+03	1.2E+03
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	8.9E-04	2.2E-05	1.9E-04	1.9E-02	4.9E-06	9.7E+03	8.0E+00
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	1.3E-04	3.3E-06	6.1E-02	2.4E-02	6.2E-06	3.9E+02	7.0E+03
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	3.2E-06	7.9E-08	8.3E-08	1.6E-02	3.9E-06	2.5E+06	6.0E-01
Tungsten	7440-33-7	1.8E+02			0.0E+00				
Uranium (Soluble Salts)	NA	2.4E+02			0.0E+00				
Urethane	51-79-6	8.9E+01	2.6E-06	6.4E-08	2.6E-01	8.5E-02	1.0E-05	1.2E+01	4.8E+05
Vanadium Pentoxide	1314-62-1	1.8E+02			0.0E+00				7.0E+02
Vanadium and Compounds	7440-62-2	5.1E+01							
Vernolate	1929-77-7	2.0E+02	1.3E-03	3.1E-05	1.0E-02	2.4E-02	6.1E-06	3.0E+02	9.0E+01
Vinclozolin	50471-44-8	2.9E+02	7.1E-07	1.7E-08	1.2E-07	2.5E-02	6.5E-06	2.8E+02	2.6E+00
Vinyl Acetate	108-05-4	8.6E+01	2.1E-02	5.1E-04	9.0E+01	8.5E-02	1.0E-05	5.6E+00	2.0E+04
Vinyl Bromide	593-60-2	1.1E+02	5.0E-01	1.2E-02	1.0E+03	8.6E-02	1.2E-05	2.2E+01	7.6E+03
Vinyl Chloride	75-01-4	6.2E+01	1.1E+00	2.8E-02	3.0E+03	1.1E-01	1.2E-05	2.2E+01	8.8E+03
Warfarin	81-81-2	3.1E+02	1.1E-07	2.8E-09	1.2E-07	4.2E-02	4.9E-06	4.3E+02	1.7E+01
Xylene, P-	106-42-3	1.06E+02	2.82E-01	6.90E-03	8.84E+00	6.82E-02	8.42E-06	3.75E+02	1.62E+02
Xylene, m-	108-38-3	1.06E+02	2.94E-01	7.18E-03	8.29E+00	6.84E-02	8.44E-06	3.75E+02	1.61E+02
Xylene, o-	95-47-6	1.06E+02	2.12E-01	5.18E-03	6.61E+00	6.89E-02	8.53E-06	3.83E+02	1.78E+02
Xylenes	1330-20-7	1.1E+02	2.7E-01	6.6E-03	8.0E+00	6.9E-02	8.5E-06	3.8E+02	1.1E+02
Zinc Phosphide	1314-84-7	2.6E+02							
Zinc and Compounds	7440-66-6	6.5E+01							
Zineb	12122-67-7	2.8E+02	1.1E-07	2.7E-09	7.5E-08	4.5E-02	5.2E-06	1.3E+03	1.0E+01
Zirconium	7440-67-7	9.1E+01			0.0E+00				

Reference: Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016
https://19january2017snapshot.epa.gov/sites/production/files/2016-10/params_sl_table_run_may2016.xls

**APPENDIX 2-B, TABLE 2
INDOOR AIR CALCULATIONS (RESIDENTIAL)**

Indoor Air Calculations
TACO J&E Equations

Village of Roxana Study Site
Roxana, IL

Equations: J&E1

$$RO_{indoor\ air} = \frac{TR \times AT_c \times 365 \frac{days}{yr}}{ED \times EF \times URF \times 1000 \frac{\mu g}{mg}}$$

J&E2

$$RO_{indoor\ air} = \frac{THQ \times AT_{nc} \times 365 \frac{days}{yr} \times RfC}{ED \times EF}$$

Where: AT = Averaging time for non-carcinogenic effects (year) RfC = Reference concentration (ug/m³)
 AT_c = Averaging time for carcinogenic effects (year) URF = Unit risk factor (ug/m³)⁻¹
 CF1 = Conversion factor (365 days/year) THQ = Target Hazard Quotient (unitless)
 CF2 = Conversion factor (1000 ug/mg) TR = Target Risk (unitless)
 ED = Exposure duration (years)
 EF = Exposure frequency (days/year)

Chemical	Carcinogenic or Non-Carcinogenic	TR unitless	THQ unitless	AT _c year	AT year	CF1 days/year	CF2 ug/mg	ED year	EF days/year	URF (ug/m ³) ⁻¹	RfC ug/m ³	TACO Tier 1 Resident Indoor Air Remediation Objective	
												Carcinogenic	Non-Carcinogenic
												mg/m ³	
Benzene	Carcinogenic	1.00E-06	1	70	30	365	1000	30	350	7.80E-06	3.00E-02	3.12E-04	3.13E-02
Carbon Disulfide	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		7.00E-01		7.30E-01
Cyclohexane	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		6.00E+00		6.26E+00
Ethylbenzene	Carcinogenic	1.00E-06	1	70	30	365	1000	30	350	2.50E-06	1.00E+00	9.73E-04	1.04E+00
Hexane	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		7.00E-01		7.30E-01
Hexanone, 2- (Methyl n-butyl ketone)	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		3.00E-02		3.13E-02
Isopropylbenzene (Cumene)	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		4.00E-01		4.17E-01
Naphthalene	Carcinogenic	1.00E-06	1	70	30	365	1000	30	350	3.40E-05	3.00E-03	7.16E-05	3.13E-03
Pentanone, 4-Methyl-2- (Methyl Isobutyl Ke	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		3.00E+00		3.13E+00
Propylbenzene, n-	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		1.00E+00		1.04E+00
Propylene	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		3.00E+00		3.13E+00
Styrene	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		1.00E+00		1.04E+00
Tetrahydrofuran	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		2.00E+00		2.09E+00
Toluene	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		5.00E+00		5.21E+00
Trimethylbenzene, 1,2,4-	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		7.00E-03		7.30E-03
Trimethylbenzene, 1,3,5-	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		1.00E-02		1.04E-02
Xylenes, m-	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		1.00E-01		1.04E-01
Xylenes, o-	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		1.00E-01		1.04E-01
Xylenes, p-	Non-carcinogenic	1.00E-06	1	70	30	365	1000	30	350		1.00E-01		1.04E-01

Toxicity data used from USEPA RSL website, last updated May 2016.

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**APPENDIX 2-B, TABLE 3
LITTLE, DAISEY, NAZAROFF MODEL INPUT PARAMETERS AND CALCULATIONS (CONSTRUCTION WORKER)**

Little, Daisey, Nazaroff Model

	CAS: Chemical	71-43-2 Benzene	75-15-0 Carbon Disulfide	110-82-7 Cyclo- hexane	100-41-4 Ethyl- benzene	110-54-3 Hexane	591-78-6 2-Hexanone	98-82-8 Isopropyl- benzene (Cumene)	91-20-3 Naphthalene	108-10-1 4-Methyl-2- pentanone	103-65-1 n-Propyl- benzene	115-07-1 Propylene	100-42-5 Styrene	109-99-9 Tetrahydro- furan		
USEPA Values	RO_CW	Industrial Air RO	mg/m3	3.28E-01	2.56E+01	6.57E+02	1.02E+00	7.30E+01	1.10E+00	3.29E+00	7.51E+01	2.92E+01	3.65E+01	1.10E+02	1.10E+02	7.30E+01
Chemical Properties	MW	Molecular Weight	g/mol	7.81E+01	7.61E+01	8.42E+01	1.06E+02	8.62E+01	1.00E+02	1.20E+02	1.28E+02	1.00E+02	1.20E+02	4.21E+01	1.04E+02	7.21E+01
	Da	Diffusivity in Air	cm2/sec	8.80E-02	1.04E-01	8.00E-02	7.50E-02	7.31E-02	7.04E-02	6.03E-02	5.90E-02	6.98E-02	6.02E-02	1.10E-01	7.10E-02	9.94E-02
	Dw	Diffusivity in Water	cm2/sec	1.02E-05	1.00E-05	9.11E-06	7.80E-06	8.17E-06	8.44E-06	7.86E-06	7.50E-06	8.35E-06	7.83E-06	1.07E-05	8.00E-06	1.08E-05
	H'	Henry's Law Constant	unitless	0.134	0.806	6.132	0.164	73.590	0.004	0.470	0.008	0.006	0.429	8.013	0.005	0.003
	H	"	atm-m3/mol	5.55E-03	1.44E-02	1.50E-01	7.88E-03	1.80E+00	9.32E-05	1.15E-02	1.97E-02	1.38E-04	1.05E-02	1.96E-01	2.75E-03	7.05E-05
	S	Water Solubility	mg/L	1,800	1,200	55	170	10	17,200	61	31	19,000	52	200	310	1,000,000
	Koc	Organic carbon partition	cm3/g	50	63	145.8	320	131.5	14.98	697.8	500	12.6	813.1	21.73	316	10.75
P	Vapor Pressure	mm Hg	95	360	96.86	9.6	151.3	11.6	4.5	0.085	19.86	3.42	8,690	6.1	162.2	
Soil Properties	T	Temperature	°C	13	13	13	13	13	13	13	13	13	13	13	13	
	"	"	°K	286	286	286	286	286	286	286	286	286	286	286	286	
	Et	Total porosity	unitless	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	
	Ew	Water-filled porosity	unitless	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
Ea	Air-filled porosity	unitless	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28		
Trench Dimensions	L	Length	m	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
	W	Width	m	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
	H	Ceiling height	m	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	
	A	Slab Footprint	m2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
	Vbldg	Internal volume	m3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	
Building Ventilation	AER	Air changes per hour	hr ⁻¹	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
	Qbldg	Air flow rate	m3/hr	20	20	20	20	20	20	20	20	20	20	20	20	
Millington-Quirk Relationship	De	effective diffusivity	cm ² /sec	0.0069	0.0081	0.0062	0.0059	0.0057	0.0055	0.0047	0.0046	0.0055	0.0047	0.0086	0.0056	0.0078
	De	effective diffusivity	m ² /hr	0.0025	0.0029	0.0022	0.0021	0.0021	0.0020	0.0017	0.0017	0.0020	0.0017	0.0031	0.0020	0.0028
	Da	diffusivity in air	cm ² /sec	0.088	0.104	0.080	0.075	0.073	0.070	0.060	0.059	0.070	0.060	0.110	0.071	0.099
	qa	air-filled porosity of soil	vol/vol	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
	qt	total porosity of soil	vol/vol	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
Calculated Tier 3 Soil Gas Attenuation Factors	Transport Distance (ft)		Benzene	Carbon Disulfide	Cyclo-hexane	Ethyl-benzene	Hexane	2-Hexanone	Isopropyl-benzene (Cumene)	Naphthalene	4-Methyl-2-pentanone	n-Propyl-benzene	Propylene	Styrene	Tetrahydro-furan	
	5	1.52	1.77E-04	2.10E-04	1.61E-04	1.51E-04	1.47E-04	1.42E-04	1.22E-04	1.19E-04	1.41E-04	1.21E-04	2.21E-04	1.43E-04	2.01E-04	
Calculated Tier 3 LDN Screening Values	Transport Distance (ft)		Benzene mg/m3	Carbon Disulfide mg/m3	Cyclo-hexane mg/m3	Ethyl-benzene mg/m3	Hexane mg/m3	2-Hexanone mg/m3	Isopropyl-benzene (Cumene) mg/m3	Naphthalene mg/m3	4-Methyl-2-pentanone mg/m3	n-Propyl-benzene mg/m3	Propylene mg/m3	Styrene mg/m3	Tetrahydro-furan mg/m3	
	5	1.52	1,800	120,000	4,100,000	6,700	500,000	7,700	27,000	630,000	210,000	300,000	500,000	770,000	360,000	
C_v^{sat} Values			420,000	1,500,000	440,000	59,000	700,000	63,000	30,000	620	110,000	22,000	20,000,000	34,000	630,000	

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**APPENDIX 2-B, TABLE 3
LITTLE, DAISEY, NAZAROFF MODEL INPUT PARAMETERS AND CALCULATIONS (CONSTRUCTION WORKER)**

Little, Daisey, Nazaroff Model

			CAS:	108-88-3	95-63-6	108-67-8	108-38-3	106-42-3	95-47-6	
			Chemical	Toluene	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes	
	Symbol	Definition	Units							Comments
USEPA Values	RO_CW	Industrial Air RO	mg/m3	1.83E+02	2.56E+00	3.65E-01	3.65E+00	3.65E+00	3.65E+00	
Chemical Properties	MW	Molecular Weight	g/mol	9.21E+01	1.20E+02	1.20E+02	1.06E+02	1.06E+02	1.06E+02	USEPA RSL Chemical Specific Parameters in Blue, all others provided in TACO, Appendix C, Table E at 13 deg C / at 25 deg C at 25 deg C
	Da	Diffusivity in Air	cm2/sec	7.78E-02	6.07E-02	6.02E-02	7.00E-02	7.69E-02	6.89E-02	
	Dw	Diffusivity in Water	cm2/sec	9.20E-06	7.92E-06	7.84E-06	7.80E-06	8.44E-06	8.53E-06	
	H'	Henry's Law Constant	unitless	0.271	0.252	0.359	0.152	0.159	0.107	
	H	"	atm-m3/mol	6.64E-03	6.16E-03	8.77E-03	7.18E-03	6.90E-03	5.18E-03	
	S	Water Solubility	mg/L	526	57	48	160	160	180	
	Koc	Organic carbon partition	cm3/g	233.9	614.3	602.1	398	316	316	
P	Vapor Pressure	mm Hg	28.4	2.1	2.48	8.5	8.9	8.9		
Soil Properties	T	Temperature	°C	13	13	13	13	13	13	TACO default value TACO default value TACO default value
	"	"	°K	286	286	286	286	286	286	
	Et	Total porosity	unitless	0.43	0.43	0.43	0.43	0.43	0.43	
	Ew	Water-filled porosity	unitless	0.15	0.15	0.15	0.15	0.15	0.15	
Ea	Air-filled porosity	unitless	0.28	0.28	0.28	0.28	0.28	0.28		
Trench Dimensions	L	Length	m	2.4	2.4	2.4	2.4	2.4	2.4	= 8 ft
	W	Width	m	0.9	0.9	0.9	0.9	0.9	0.9	= 3 ft
	H	Ceiling height	m	4.6	4.6	4.6	4.6	4.6	4.6	= 15 ft
	A	Slab Footprint	m2	2.2	2.2	2.2	2.2	2.2	2.2	= L x W
	Vbldg	Internal volume	m3	10.2	10.2	10.2	10.2	10.2	10.2	= L x W x H
Building Ventilation	AER	Air changes per hour	hr ⁻¹	2.00	2.00	2.00	2.00	2.00	2.00	TACO default value
	Qbldg	Air flow rate	m3/hr	20	20	20	20	20	20	=4564 ft3/hr
Millington-Quirk Relationship	De	effective diffusivity	cm ² /sec	0.0061	0.0047	0.0047	0.0055	0.0060	0.0054	Eq. 2 $D_e = D_i [(q_a)^{3.33} / (q_t)^2]$
	De	effective diffusivity	m ² /hr	0.0022	0.0017	0.0017	0.0020	0.0022	0.0019	
	Da	diffusivity in air	cm ² /sec	0.078	0.061	0.060	0.070	0.077	0.069	
	qa	air-filled porosity of soil	vol/vol	0.28	0.28	0.28	0.28	0.28	0.28	
	qt	total porosity of soil	vol/vol	0.43	0.43	0.43	0.43	0.43	0.43	
Calculated Tier 3 Soil Gas Attenuation Factors	Transport Distance			Toluene	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes	
	(ft)	(m)		--	--	--	--	--	--	
	5	1.52		1.57E-04	1.22E-04	1.21E-04	1.41E-04	1.55E-04	1.39E-04	
Calculated Tier 3 LDN Screening Values	Transport Distance			Toluene	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	m-Xylenes	p-Xylenes	o-Xylenes	
	(ft)	(m)		mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	
	5	1.52		1,200,000	21,000	3,000	26,000	24,000	26,000	Tier 3 Screening Criteria
C_v^{sat} Values				140,000	14,000	16,000	52,000	55,000	41,000	TACO Default Value or Calculated using J&E Equation 5

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Acephate	30560-19-1	1.8E+02	2.0E-11	5.0E-13	1.7E-06	3.7E-02	8.0E-06	1.0E+01	8.2E+05
Acetaldehyde	75-07-0	4.4E+01	2.7E-03	6.7E-05	9.0E+02	1.3E-01	1.4E-05	1.0E+00	1.0E+06
Acetochlor	34256-82-1	2.7E+02	9.1E-07	2.2E-08	2.8E-05	2.2E-02	5.6E-06	3.0E+02	2.2E+02
Acetone	67-64-1	5.8E+01	1.4E-03	3.5E-05	2.3E+02	1.1E-01	1.2E-05	2.4E+00	1.0E+06
Acetone Cyanohydrin	75-86-5	8.5E+01	8.1E-08	2.0E-09	3.4E-01	8.6E-02	1.0E-05	1.0E+00	1.0E+06
Acetonitrile	75-05-8	4.1E+01	1.4E-03	3.5E-05	8.9E+01	1.3E-01	1.4E-05	4.7E+00	1.0E+06
Acetophenone	98-86-2	1.2E+02	4.3E-04	1.0E-05	4.0E-01	6.5E-02	8.7E-06	5.2E+01	6.1E+03
Acetylaminofluorene, 2-	53-96-3	2.2E+02	7.8E-09	1.9E-10	9.4E-08	5.2E-02	6.0E-06	2.2E+03	5.5E+00
Acrolein	107-02-8	5.6E+01	5.0E-03	1.2E-04	2.7E+02	1.1E-01	1.2E-05	1.0E+00	2.1E+05
Acrylamide	79-06-1	7.1E+01	7.0E-08	1.7E-09	7.0E-03	1.1E-01	1.3E-05	5.7E+00	3.9E+05
Acrylic Acid	79-10-7	7.2E+01	1.5E-05	3.7E-07	4.0E+00	1.0E-01	1.2E-05	1.4E+00	1.0E+06
Acrylonitrile	107-13-1	5.3E+01	5.6E-03	1.4E-04	1.1E+02	1.1E-01	1.2E-05	8.5E+00	7.5E+04
Adiponitrile	111-69-3	1.1E+02	4.9E-08	1.2E-09	6.8E-04	7.1E-02	9.0E-06	2.0E+01	8.0E+04
Alachlor	15972-60-8	2.7E+02	3.4E-07	8.3E-09	2.2E-05	2.3E-02	5.7E-06	3.1E+02	2.4E+02
Aldicarb	116-06-3	1.9E+02	5.9E-08	1.4E-09	3.5E-05	3.2E-02	7.2E-06	2.5E+01	6.0E+03
Aldicarb Sulfone	1646-88-4	2.2E+02	1.4E-07	3.4E-09	9.0E-05	5.2E-02	6.1E-06	1.0E+01	1.0E+04
Aldicarb sulfoxide	1646-87-3	2.1E+02	4.0E-08	9.7E-10	1.0E-04	5.4E-02	6.4E-06	1.0E+01	2.8E+04
Aldrin	309-00-2	3.6E+02	1.8E-03	4.4E-05	1.2E-04	2.3E-02	5.8E-06	8.2E+04	1.7E-02
Allyl Alcohol	107-18-6	5.8E+01	2.0E-04	5.0E-06	2.6E+01	1.1E-01	1.2E-05	1.9E+00	1.0E+06
Allyl Chloride	107-05-1	7.7E+01	4.5E-01	1.1E-02	3.7E+02	9.4E-02	1.1E-05	4.0E+01	3.4E+03
Aluminum	7429-90-5	2.7E+01			0.0E+00				
Aluminum Phosphide	20859-73-8	5.8E+01							
Ametryn	834-12-8	2.3E+02	9.9E-08	2.4E-09	2.7E-06	5.1E-02	6.0E-06	4.3E+02	2.1E+02
Aminobiphenyl, 4-	92-67-1	1.7E+02	6.0E-06	1.5E-07	1.2E-04	6.2E-02	7.3E-06	2.5E+03	2.2E+02
Aminophenol, m-	591-27-5	1.1E+02	8.1E-09	2.0E-10	9.6E-03	8.3E-02	9.7E-06	9.0E+01	2.7E+04
Aminophenol, p-	123-30-8	1.1E+02	1.5E-08	3.6E-10	4.0E-05	8.3E-02	9.7E-06	9.0E+01	1.6E+04
Amitraz	33089-61-1	2.9E+02	4.0E-04	9.9E-06	2.0E-06	2.2E-02	5.4E-06	2.6E+05	1.0E+00
Ammonia	7664-41-7	1.7E+01	6.6E-04	1.6E-05	7.5E+03	2.3E-01	2.2E-05		4.8E+05
Ammonium Sulfamate	7773-06-0	1.1E+02			0.0E+00				1.3E+06
Amyl Alcohol, tert-	75-85-4	8.8E+01	5.6E-04	1.4E-05	1.7E+01	7.9E-02	9.1E-06	4.1E+00	1.1E+05
Aniline	62-53-3	9.3E+01	8.3E-05	2.0E-06	6.7E-01	8.3E-02	1.0E-05	7.0E+01	3.6E+04
Anthraquinone, 9,10-	84-65-1	2.1E+02	9.6E-07	2.4E-08	1.2E-07	5.4E-02	6.3E-06	5.0E+03	1.4E+00
Antimony (metallic)	7440-36-0	1.2E+02			0.0E+00				
Antimony Pentoxide	1314-60-9	3.2E+02							3.0E+03
Antimony Tetroxide	1332-81-6	3.1E+02							
Antimony Trioxide	1309-64-4	2.9E+02							
Arsenic, Inorganic	7440-38-2	7.8E+01							
Arsine	7784-42-1	7.8E+01							2.0E+05
Asulam	3337-71-1	2.3E+02	7.0E-11	1.7E-12	1.4E-06	5.1E-02	5.9E-06	2.8E+01	5.0E+03
Atrazine	1912-24-9	2.2E+02	9.6E-08	2.4E-09	2.9E-07	2.6E-02	6.8E-06	2.2E+02	3.5E+01
Auramine	492-80-8	2.7E+02	1.5E-07	3.6E-09	1.3E-06	4.6E-02	5.3E-06	4.5E+03	5.4E+01
Avermectin B1	65195-55-3	8.8E+02	5.4E-26	1.3E-27	1.5E-30	2.1E-02	2.4E-06	8.8E+05	3.5E-04

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Azinphos-methyl	86-50-0	3.2E+02	9.8E-07	2.4E-08	1.6E-06	2.3E-02	6.0E-06	5.2E+01	2.1E+01
Azobenzene	103-33-3	1.8E+02	5.5E-04	1.4E-05	3.6E-04	3.6E-02	7.5E-06	3.8E+03	6.4E+00
Azodicarbonamide	123-77-3	1.2E+02	3.4E-11	8.2E-13	1.9E-10	8.3E-02	1.2E-05	7.0E+01	3.5E+01
Barium	7440-39-3	1.4E+02							
Barium Chromate	10294-40-3	2.5E+02							2.6E+00
Benfluralin	1861-40-1	3.4E+02	1.2E-02	2.9E-04	6.5E-05	2.2E-02	5.5E-06	1.6E+04	1.0E-01
Benomyl	17804-35-2	2.9E+02	2.0E-10	4.9E-12	3.7E-09	4.3E-02	5.1E-06	3.4E+02	3.8E+00
Bensulfuron-methyl	83055-99-6	4.1E+02	1.5E-13	3.8E-15	2.1E-14	3.4E-02	4.0E-06	2.8E+01	1.2E+02
Bentazon	25057-89-0	2.4E+02	8.9E-08	2.2E-09	3.5E-06	4.9E-02	5.7E-06	1.0E+01	5.0E+02
Benzaldehyde	100-52-7	1.1E+02	1.1E-03	2.7E-05	1.3E+00	7.4E-02	9.5E-06	1.1E+01	7.0E+03
Benzene	71-43-2	7.81E+01	2.27E-01	5.55E-03	9.48E+01	8.95E-02	1.03E-05	1.46E+02	1.79E+03
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	2.2E+02	8.9E-22	2.2E-23	2.9E-14	5.2E-02	6.1E-06	3.8E+01	1.0E+06
Benzenethiol	108-98-5	1.1E+02	1.4E-02	3.4E-04	1.9E+00	7.3E-02	9.5E-06	2.3E+02	8.4E+02
Benzidine	92-87-5	1.8E+02	2.1E-09	5.2E-11	9.0E-07	3.5E-02	7.5E-06	1.2E+03	3.2E+02
Benzoic Acid	65-85-0	1.2E+02	1.6E-06	3.8E-08	7.0E-04	7.0E-02	9.8E-06	6.0E-01	3.4E+03
Benzotrichloride	98-07-7	2.0E+02	1.1E-02	2.6E-04	4.1E-01	3.1E-02	7.7E-06	1.0E+03	5.3E+01
Benzyl Alcohol	100-51-6	1.1E+02	1.4E-05	3.4E-07	9.4E-02	7.3E-02	9.4E-06	2.1E+01	4.3E+04
Benzyl Chloride	100-44-7	1.3E+02	1.7E-02	4.1E-04	1.2E+00	6.3E-02	8.8E-06	4.5E+02	5.3E+02
Beryllium and compounds	7440-41-7	1.1E+01			0.0E+00				
Bifenox	42576-02-3	3.4E+02	4.4E-06	1.1E-07	1.0E-07	2.0E-02	5.0E-06	3.7E+03	4.0E-01
Biphenrin	82657-04-3	4.2E+02	4.1E-05	1.0E-06	1.8E-07	1.8E-02	4.5E-06	2.3E+06	1.0E-03
Biphenyl, 1,1'-	92-52-4	1.5E+02	1.3E-02	3.1E-04	8.9E-03	4.7E-02	7.6E-06	5.1E+03	7.5E+00
Bis(2-chloro-1-methylethyl) ether	108-60-1	1.7E+02	3.0E-03	7.4E-05	5.6E-01	4.0E-02	7.4E-06	8.3E+01	1.7E+03
Bis(2-chloroethoxy)methane	111-91-1	1.7E+02	1.6E-04	3.9E-06	1.3E-01	6.1E-02	7.1E-06	1.4E+01	7.8E+03
Bis(2-chloroethyl)ether	111-44-4	1.4E+02	7.0E-04	1.7E-05	1.6E+00	5.7E-02	8.7E-06	3.2E+01	1.7E+04
Bis(chloromethyl)ether	542-88-1	1.1E+02	1.8E-01	4.4E-03	2.9E+01	7.6E-02	1.0E-05	9.7E+00	2.2E+04
Bisphenol A	80-05-7	2.3E+02	4.1E-10	1.0E-11	3.9E-07	2.5E-02	6.5E-06	3.8E+04	1.2E+02
Boron And Borates Only	7440-42-8	1.4E+01							
Boron Trichloride	10294-34-5	1.2E+02	7.5E-01	1.8E-02	1.0E+00	1.2E-01	2.2E-05		
Boron Trifluoride	7637-07-2	6.8E+01			3.7E+04	1.6E-01	2.2E-05		3.3E+06
Bromate	15541-45-4	8.0E+01							
Bromo-2-chloroethane, 1-	107-04-0	1.4E+02	3.7E-02	9.1E-04	3.3E+01	6.6E-02	1.1E-05	4.0E+01	6.9E+03
Bromobenzene	108-86-1	1.6E+02	1.0E-01	2.5E-03	4.2E+00	5.4E-02	9.3E-06	2.3E+02	4.5E+02
Bromochloromethane	74-97-5	1.3E+02	6.0E-02	1.5E-03	1.4E+02	7.9E-02	1.2E-05	2.2E+01	1.7E+04
Bromodichloromethane	75-27-4	1.6E+02	8.7E-02	2.1E-03	5.0E+01	5.6E-02	1.1E-05	3.2E+01	3.0E+03
Bromoform	75-25-2	2.5E+02	2.2E-02	5.4E-04	5.4E+00	3.6E-02	1.0E-05	3.2E+01	3.1E+03
Bromomethane	74-83-9	9.5E+01	3.0E-01	7.3E-03	1.6E+03	1.0E-01	1.4E-05	1.3E+01	1.5E+04
Bromophos	2104-96-3	3.7E+02	8.4E-03	2.1E-04	1.3E-04	2.3E-02	6.1E-06	2.0E+03	3.0E-01
Bromoxynil	1689-84-5	2.8E+02	5.4E-09	1.3E-10	4.7E-08	4.5E-02	5.2E-06	3.3E+02	1.3E+02
Bromoxynil Octanoate	1689-99-2	4.0E+02	1.3E-03	3.2E-05	4.8E-06	2.1E-02	5.4E-06	4.3E+03	8.0E-02
Butadiene, 1,3-	106-99-0	5.4E+01	3.0E+00	7.4E-02	2.1E+03	1.0E-01	1.0E-05	4.0E+01	7.4E+02

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Butanol, N-	71-36-3	7.4E+01	3.6E-04	8.8E-06	6.7E+00	9.0E-02	1.0E-05	3.5E+00	6.3E+04
Butyl alcohol, sec-	78-92-2	7.4E+01	3.7E-04	9.1E-06	1.8E+01	9.0E-02	1.0E-05	2.9E+00	1.8E+05
Butylate	2008-41-5	2.2E+02	3.5E-03	8.5E-05	1.3E-02	2.3E-02	5.8E-06	3.9E+02	4.5E+01
Butylated hydroxyanisole	25013-16-5	3.6E+02	4.8E-05	1.2E-06	2.5E-03	3.8E-02	4.4E-06	8.4E+02	2.1E+02
Butylated hydroxytoluene	128-37-0	2.2E+02	1.7E-04	4.1E-06	5.2E-03	2.3E-02	5.6E-06	1.5E+04	6.0E-01
Butylbenzene, n-	104-51-8	1.3E+02	6.5E-01	1.6E-02	1.1E+00	5.3E-02	7.3E-06	1.5E+03	1.2E+01
Butylbenzene, sec-	135-98-8	1.3E+02	7.2E-01	1.8E-02	1.8E+00	5.3E-02	7.3E-06	1.3E+03	1.8E+01
Butylbenzene, tert-	98-06-6	1.3E+02	5.4E-01	1.3E-02	2.2E+00	5.3E-02	7.4E-06	1.0E+03	3.0E+01
Cacodylic Acid	75-60-5	1.4E+02	7.4E-13	1.8E-14	1.0E-07	7.1E-02	8.3E-06	4.4E+01	2.0E+06
Cadmium (Diet)	7440-43-9	1.1E+02			0.0E+00				
Cadmium (Water)	7440-43-9	1.1E+02			0.0E+00				
Calcium Chromate	13765-19-0	1.6E+02							
Caprolactam	105-60-2	1.1E+02	1.0E-06	2.5E-08	1.6E-03	6.9E-02	9.0E-06	2.5E+01	7.7E+05
Captafol	2425-06-1	3.5E+02	2.0E-07	4.9E-09	1.5E-08	3.8E-02	4.5E-06	7.8E+02	1.4E+00
Captan	133-06-2	3.0E+02	2.9E-07	7.0E-09	9.0E-08	2.6E-02	6.9E-06	2.5E+02	5.1E+00
Carbaryl	63-25-2	2.0E+02	1.3E-07	3.3E-09	1.4E-06	2.7E-02	7.1E-06	3.5E+02	1.1E+02
Carbofuran	1563-66-2	2.2E+02	1.3E-07	3.1E-09	4.9E-06	2.6E-02	6.6E-06	9.5E+01	3.2E+02
Carbon Disulfide	75-15-0	7.6E+01	5.89E-01	1.44E-02	3.59E+02	1.06E-01	1.30E-05	2.17E+01	2.16E+03
Carbon Tetrachloride	56-23-5	1.5E+02	1.1E+00	2.8E-02	1.2E+02	5.7E-02	9.8E-06	4.4E+01	7.9E+02
Carbonyl Sulfide	463-58-1	6.0E+01	2.5E+01	6.1E-01	9.4E+03	1.2E-01	1.3E-05	1.0E+00	1.2E+03
Carbosulfan	55285-14-8	3.8E+02	2.1E-05	5.1E-07	3.1E-07	1.8E-02	4.4E-06	1.2E+04	3.0E-01
Carboxin	5234-68-4	2.4E+02	1.3E-08	3.2E-10	1.5E-07	5.0E-02	5.8E-06	1.7E+02	1.5E+02
Ceric oxide	1306-38-3	1.7E+02							
Chloral Hydrate	302-17-0	1.7E+02	2.3E-07	5.7E-09	1.5E+01	5.4E-02	1.0E-05	1.0E+00	7.9E+05
Chloramben	133-90-4	2.1E+02	1.6E-09	3.9E-11	1.0E-07	5.4E-02	6.4E-06	2.1E+01	7.0E+02
Chloranil	118-75-2	2.5E+02	1.3E-08	3.3E-10	2.3E-06	4.8E-02	5.7E-06	3.1E+02	2.5E+02
Chlordane	12789-03-6	4.1E+02	2.0E-03	4.9E-05	1.0E-05	2.1E-02	5.4E-06	6.8E+04	5.6E-02
Chlordecone (Kepone)	143-50-0	4.9E+02	2.2E-06	5.4E-08	2.3E-07	2.0E-02	4.9E-06	1.8E+04	2.7E+00
Chlorfenvinphos	470-90-6	3.6E+02	1.2E-06	2.9E-08	7.5E-06	3.8E-02	4.4E-06	1.3E+03	1.2E+02
Chlorimuron, Ethyl-	90982-32-4	4.1E+02	7.4E-14	1.8E-15	4.0E-12	3.4E-02	4.0E-06	7.2E+01	1.2E+03
Chlorine	7782-50-5	7.1E+01	4.8E-01	1.2E-02	5.9E+03	1.5E-01	2.2E-05		6.3E+03
Chlorine Dioxide	10049-04-4	6.7E+01	1.6E+00	4.0E-02	7.6E+02	1.6E-01	2.2E-05		
Chlorite (Sodium Salt)	7758-19-2	9.0E+01							6.4E+05
Chloro-1,1-difluoroethane, 1-	75-68-3	1.0E+02	2.4E+00	5.9E-02	2.5E+03	8.0E-02	1.0E-05	4.4E+01	1.4E+03
Chloro-1,3-butadiene, 2-	126-99-8	8.9E+01	2.3E+00	5.6E-02	2.2E+02	8.4E-02	1.0E-05	6.1E+01	8.7E+02
Chloro-2-methylaniline HCl, 4-	3165-93-3	1.8E+02	6.4E-05	1.6E-06	4.1E-02	6.0E-02	7.0E-06	3.5E+02	9.5E+02
Chloro-2-methylaniline, 4-	95-69-2	1.4E+02	8.1E-05	2.0E-06	4.1E-02	7.0E-02	8.2E-06	1.8E+02	9.5E+02
Chloroacetaldehyde, 2-	107-20-0	7.8E+01	9.8E-04	2.4E-05	6.4E+01	1.0E-01	1.2E-05	1.0E+00	1.1E+05
Chloroacetic Acid	79-11-8	9.4E+01	3.8E-07	9.3E-09	6.5E-02	9.4E-02	1.2E-05	1.4E+00	8.6E+05
Chloroacetophenone, 2-	532-27-4	1.5E+02	1.4E-04	3.5E-06	5.4E-03	5.2E-02	8.7E-06	9.9E+01	1.1E+03
Chloroaniline, p-	106-47-8	1.3E+02	4.7E-05	1.2E-06	2.7E-02	7.0E-02	1.0E-05	1.1E+02	3.9E+03

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Chlorobenzene	108-90-7	1.1E+02	1.3E-01	3.1E-03	1.2E+01	7.2E-02	9.5E-06	2.3E+02	5.0E+02
Chlorobenzilate	510-15-6	3.3E+02	3.0E-06	7.2E-08	2.2E-06	2.2E-02	5.5E-06	1.5E+03	1.3E+01
Chlorobenzoic Acid, p-	74-11-3	1.6E+02	3.3E-06	8.0E-08	2.3E-03	5.5E-02	9.5E-06	2.7E+01	7.2E+01
Chlorobenzotrifluoride, 4-	98-56-6	1.8E+02	1.4E+00	3.5E-02	7.6E+00	3.8E-02	8.0E-06	1.6E+03	2.9E+01
Chlorobutane, 1-	109-69-3	9.3E+01	6.8E-01	1.7E-02	1.0E+02	7.8E-02	9.3E-06	7.2E+01	1.1E+03
Chlorodifluoromethane	75-45-6	8.6E+01	1.7E+00	4.1E-02	7.3E+03	1.0E-01	1.3E-05	3.2E+01	2.8E+03
Chloroethanol, 2-	107-07-3	8.1E+01	3.1E-05	7.6E-07	7.2E+00	1.0E-01	1.2E-05	1.9E+00	1.0E+06
Chloroform	67-66-3	1.19E+02	1.50E-01	3.67E-03	1.97E+02	7.69E-02	1.09E-05	3.18E+01	7.95E+03
Chloromethane	74-87-3	5.05E+01	3.61E-01	8.82E-03	4.30E+03	1.24E-01	1.36E-05	1.32E+01	5.32E+03
Chloromethyl Methyl Ether	107-30-2	8.1E+01	1.2E-02	3.0E-04	3.0E+01	9.5E-02	1.1E-05	5.3E+00	6.9E+04
Chloronitrobenzene, o-	88-73-3	1.6E+02	3.8E-04	9.3E-06	1.8E-02	5.1E-02	8.8E-06	3.7E+02	4.4E+02
Chloronitrobenzene, p-	100-00-5	1.6E+02	2.0E-04	4.9E-06	2.2E-02	5.0E-02	8.5E-06	3.6E+02	2.3E+02
Chlorophenol, 2-	95-57-8	1.3E+02	4.6E-04	1.1E-05	2.5E+00	6.6E-02	9.5E-06	3.9E+02	1.1E+04
Chloropicrin	76-06-2	1.6E+02	8.4E-02	2.1E-03	2.4E+01	5.2E-02	9.6E-06	4.4E+01	1.6E+03
Chlorothalonil	1897-45-6	2.7E+02	8.2E-05	2.0E-06	5.7E-07	2.8E-02	7.3E-06	1.0E+03	8.1E-01
Chlorotoluene, o-	95-49-8	1.3E+02	1.5E-01	3.6E-03	3.4E+00	6.3E-02	8.7E-06	3.8E+02	3.7E+02
Chlorotoluene, p-	106-43-4	1.3E+02	1.8E-01	4.4E-03	2.7E+00	6.3E-02	8.7E-06	3.8E+02	1.1E+02
Chlorozotocin	54749-90-5	2.7E+02	1.5E-20	3.7E-22	4.0E-14	4.6E-02	5.4E-06	1.0E+01	1.8E+03
Chlorpropham	101-21-3	2.1E+02	2.3E-05	5.7E-07	1.8E-04	2.6E-02	6.7E-06	3.5E+02	8.9E+01
Chlorpyrifos	2921-88-2	3.5E+02	1.2E-04	2.9E-06	2.0E-05	3.8E-02	4.5E-06	7.3E+03	1.1E+00
Chlorpyrifos Methyl	5598-13-0	3.2E+02	1.5E-04	3.8E-06	4.2E-05	4.0E-02	4.7E-06	2.2E+03	4.8E+00
Chlorsulfuron	64902-72-3	3.6E+02	1.4E-14	3.4E-16	2.3E-11	3.8E-02	4.4E-06	3.2E+02	3.1E+04
Chlorthal-dimethyl	1861-32-1	3.3E+02	8.9E-05	2.2E-06	2.5E-06	4.0E-02	4.6E-06	5.1E+02	5.0E-01
Chlorthiophos	60238-56-4	3.6E+02	4.9E-05	1.2E-06	4.0E-01	3.7E-02	4.4E-06	1.3E+04	3.0E-01
Chromium(III), Insoluble Salts	16065-83-1	5.2E+01							
Chromium(VI)	18540-29-9	5.2E+01							1.7E+06
Chromium, Total	7440-47-3	5.2E+01							
Clofentezine	74115-24-5	3.0E+02	1.6E-08	3.9E-10	9.8E-10	4.2E-02	4.9E-06	3.0E+04	1.0E+00
Cobalt	7440-48-4	5.9E+01			0.0E+00				
Coke Oven Emissions	8007-45-2		4.5E-01	1.1E-02	9.5E+01	1.0E-01	1.2E-05	1.6E+04	
Copper	7440-50-8	6.4E+01			0.0E+00				
Cresol, m-	108-39-4	1.1E+02	3.5E-05	8.6E-07	1.1E-01	7.3E-02	9.3E-06	3.0E+02	2.3E+04
Cresol, o-	95-48-7	1.1E+02	4.9E-05	1.2E-06	3.0E-01	7.3E-02	9.3E-06	3.1E+02	2.6E+04
Cresol, p-	106-44-5	1.1E+02	4.1E-05	1.0E-06	1.1E-01	7.2E-02	9.2E-06	3.0E+02	2.2E+04
Cresol, p-chloro-m-	59-50-7	1.4E+02	1.0E-04	2.5E-06	5.0E-02	7.0E-02	8.1E-06	4.9E+02	3.8E+03
Cresols	1319-77-3	3.2E+02	2.5E-05	6.2E-07	1.7E-01	4.0E-02	4.7E-06	3.1E+02	9.1E+03
Crotonaldehyde, trans-	123-73-9	7.0E+01	7.9E-04	1.9E-05	3.0E+01	9.6E-02	1.1E-05	1.8E+00	1.5E+05
Cumene	98-82-8	1.2E+02	4.7E-01	1.2E-02	4.5E+00	6.0E-02	7.9E-06	7.0E+02	6.1E+01
Cupferron	135-20-6	1.6E+02	1.5E-07	3.6E-09	6.3E-05	6.6E-02	7.7E-06	7.6E+02	6.1E+05
Cyanazine	21725-46-2	2.4E+02	1.1E-10	2.6E-12	1.4E-07	4.9E-02	5.7E-06	1.3E+02	1.7E+02
Cyanides									

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
~Calcium Cyanide	592-01-8	9.2E+01							
~Copper Cyanide	544-92-3	9.0E+01							
~Cyanide (CN-)	57-12-5	2.6E+01	4.2E-03	1.0E-04	3.1E+02	2.1E-01	2.5E-05		9.5E+04
~Cyanogen	460-19-5	5.2E+01	2.2E-01	5.4E-03	4.3E+03	1.2E-01	1.4E-05		8.0E+03
~Cyanogen Bromide	506-68-3	1.1E+02	1.0E+00	2.5E-02	1.2E+02	9.8E-02	1.4E-05		
~Cyanogen Chloride	506-77-4	6.1E+01	7.9E-02	1.9E-03	1.2E+03	1.2E-01	1.4E-05		6.0E+04
~Hydrogen Cyanide	74-90-8	2.7E+01	5.4E-03	1.3E-04	7.4E+02	1.7E-01	1.7E-05		1.0E+06
~Potassium Cyanide	151-50-8	6.5E+01			0.0E+00				7.2E+05
~Potassium Silver Cyanide	506-61-6	2.0E+02							
~Silver Cyanide	506-64-9	1.3E+02							2.3E+01
~Sodium Cyanide	143-33-9	4.9E+01			0.0E+00				5.8E+05
~Thiocyanates	NA								
~Thiocyanic Acid	463-56-9	5.9E+01			4.7E+00	1.2E-01	1.4E-05		
~Zinc Cyanide	557-21-1	1.2E+02							4.7E+00
Cyclohexane	110-82-7	8.42E+01	6.13E+00	1.50E-01	9.69E+01	8.00E-02	9.11E-06	1.46E+02	5.50E+01
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	5.1E+02	3.9E-05	9.6E-07	3.5E-06	3.0E-02	3.5E-06	2.8E+03	5.5E-02
Cyclohexanone	108-94-1	9.8E+01	3.7E-04	9.0E-06	4.3E+00	7.7E-02	9.4E-06	1.7E+01	2.5E+04
Cyclohexene	110-83-8	8.2E+01	1.9E+00	4.6E-02	8.9E+01	8.3E-02	9.5E-06	1.5E+02	2.1E+02
Cyclohexylamine	108-91-8	9.9E+01	1.7E-04	4.2E-06	1.0E+01	7.1E-02	8.5E-06	3.2E+01	1.0E+06
Cyfluthrin	68359-37-5	4.3E+02	1.2E-06	2.9E-08	1.5E-10	3.3E-02	3.9E-06	1.3E+05	3.0E-03
Cyhalothrin	68085-85-8	4.5E+02	6.1E-05	1.5E-06	1.5E-09	3.2E-02	3.8E-06	3.4E+05	5.0E-03
Cypermethrin	52315-07-8	4.2E+02	1.7E-05	4.2E-07	3.1E-09	1.9E-02	4.7E-06	8.0E+04	4.0E-03
Cyromazine	66215-27-8	1.7E+02	2.3E-12	5.7E-14	3.4E-09	6.3E-02	7.3E-06	2.9E+01	1.3E+04
DDD	72-54-8	3.2E+02	2.7E-04	6.6E-06	1.4E-06	4.1E-02	4.7E-06	1.2E+05	9.0E-02
DDE, p,p'-	72-55-9	3.2E+02	1.7E-03	4.2E-05	6.0E-06	2.3E-02	5.9E-06	1.2E+05	4.0E-02
DDT	50-29-3	3.5E+02	3.4E-04	8.3E-06	1.6E-07	3.8E-02	4.4E-06	1.7E+05	5.5E-03
Dalapon	75-99-0	1.4E+02	2.3E-06	5.7E-08	1.5E-01	6.0E-02	9.4E-06	3.2E+00	5.0E+05
Daminozide	1596-84-5	1.6E+02	1.7E-08	4.2E-10	2.0E-04	6.4E-02	7.5E-06	1.0E+01	1.0E+05
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.6E+02	4.9E-07	1.2E-08	4.7E-12	1.9E-02	4.8E-06	2.8E+05	1.0E-04
Demeton	8065-48-3	5.2E+02	1.6E-04	3.8E-06	3.4E-04	1.6E-02	3.8E-06		6.7E+02
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	1.8E-05	4.3E-07	8.5E-07	1.7E-02	4.2E-06	3.6E+04	7.8E-01
Diallate	2303-16-4	2.7E+02	1.6E-04	3.8E-06	1.5E-04	4.5E-02	5.3E-06	6.4E+02	1.4E+01
Diazinon	333-41-5	3.0E+02	4.6E-06	1.1E-07	9.0E-05	2.1E-02	5.2E-06	3.0E+03	4.0E+01
Dibenzothiophene	132-65-0	1.8E+02	1.4E-03	3.4E-05	2.1E-04	3.6E-02	7.6E-06	9.2E+03	1.5E+00
Dibromo-3-chloropropane, 1,2-	96-12-8	2.4E+02	6.0E-03	1.5E-04	5.8E-01	3.2E-02	8.9E-06	1.2E+02	1.2E+03
Dibromobenzene, 1,3-	108-36-1	2.4E+02	5.1E-02	1.2E-03	2.7E-01	3.1E-02	8.5E-06	3.8E+02	6.8E+01
Dibromobenzene, 1,4-	106-37-6	2.4E+02	3.7E-02	8.9E-04	5.8E-02	3.3E-02	9.3E-06	3.8E+02	2.0E+01
Dibromochloromethane	124-48-1	2.1E+02	3.2E-02	7.8E-04	5.5E+00	3.7E-02	1.1E-05	3.2E+01	2.7E+03
Dibromoethane, 1,2-	106-93-4	1.9E+02	2.7E-02	6.5E-04	1.1E+01	4.3E-02	1.0E-05	4.0E+01	3.9E+03
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	3.4E-02	8.2E-04	4.4E+01	5.5E-02	1.2E-05	2.2E+01	1.2E+04
Dibutyltin Compounds	NA								

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm·m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Dicamba	1918-00-9	2.2E+02	8.9E-08	2.2E-09	1.3E-05	2.9E-02	7.8E-06	2.9E+01	8.3E+03
Dichloro-2-butene, 1,4-	764-41-0	1.3E+02	3.5E-01	8.5E-03	3.0E+00	6.7E-02	9.3E-06	1.3E+02	5.8E+02
Dichloro-2-butene, cis-1,4-	1476-11-5	1.3E+02	2.7E-02	6.6E-04	4.1E+00	6.7E-02	9.3E-06	1.3E+02	5.8E+02
Dichloro-2-butene, trans-1,4-	110-57-6	1.3E+02	2.7E-02	6.6E-04	3.4E+00	6.6E-02	9.3E-06	1.3E+02	8.5E+02
Dichloroacetic Acid	79-43-6	1.3E+02	3.4E-07	8.4E-09	1.8E-01	7.2E-02	1.1E-05	2.3E+00	1.0E+06
Dichlorobenzene, 1,2-	95-50-1	1.5E+02	7.8E-02	1.9E-03	1.4E+00	5.6E-02	8.9E-06	3.8E+02	1.6E+02
Dichlorobenzene, 1,4-	106-46-7	1.5E+02	9.9E-02	2.4E-03	1.7E+00	5.5E-02	8.7E-06	3.8E+02	8.1E+01
Dichlorobenzidine, 3,3'-	91-94-1	2.5E+02	1.2E-09	2.8E-11	2.6E-07	4.7E-02	5.5E-06	3.2E+03	3.1E+00
Dichlorobenzophenone, 4,4'-	90-98-2	2.5E+02	4.4E-05	1.1E-06	6.4E-06	2.6E-02	6.9E-06	2.9E+03	8.3E-01
Dichlorodifluoromethane	75-71-8	1.21E+02	1.40E+01	3.43E-01	4.85E+03	7.60E-02	1.08E-05	4.39E+01	2.80E+02
Dichloroethane, 1,1-	75-34-3	9.9E+01	2.3E-01	5.6E-03	2.3E+02	8.4E-02	1.1E-05	3.2E+01	5.0E+03
Dichloroethane, 1,2-	107-06-2	9.9E+01	4.8E-02	1.2E-03	7.9E+01	8.6E-02	1.1E-05	4.0E+01	8.6E+03
Dichloroethylene, 1,1-	75-35-4	9.7E+01	1.1E+00	2.6E-02	6.0E+02	8.6E-02	1.1E-05	3.2E+01	2.4E+03
Dichloroethylene, 1,2-cis-	156-59-2	9.7E+01	1.7E-01	4.1E-03	2.0E+02	8.8E-02	1.1E-05	4.0E+01	6.4E+03
Dichloroethylene, 1,2-trans-	156-60-5	9.7E+01	3.8E-01	9.4E-03	3.3E+02	8.8E-02	1.1E-05	4.0E+01	4.5E+03
Dichlorophenol, 2,4-	120-83-2	1.6E+02	1.8E-04	4.3E-06	9.0E-02	4.9E-02	8.7E-06	1.5E+02	5.6E+03
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	2.2E+02	1.4E-06	3.5E-08	8.3E-05	2.8E-02	7.3E-06	3.0E+01	6.8E+02
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	2.5E+02	9.4E-08	2.3E-09	1.1E-05	2.6E-02	6.7E-06	3.7E+02	4.6E+01
Dichloropropane, 1,2-	78-87-5	1.1E+02	1.2E-01	2.8E-03	5.3E+01	7.3E-02	9.7E-06	6.1E+01	2.8E+03
Dichloropropane, 1,3-	142-28-9	1.1E+02	4.0E-02	9.8E-04	1.8E+01	7.4E-02	9.8E-06	7.2E+01	2.8E+03
Dichloropropanol, 2,3-	616-23-9	1.3E+02	1.5E-07	3.6E-09	1.8E-01	6.8E-02	9.9E-06	5.6E+00	6.4E+04
Dichloropropene, 1,3-	542-75-6	1.1E+02	1.5E-01	3.6E-03	3.4E+01	7.6E-02	1.0E-05	7.2E+01	2.8E+03
Dichlorvos	62-73-7	2.2E+02	2.4E-05	5.7E-07	1.6E-02	2.8E-02	7.3E-06	5.4E+01	8.0E+03
Dicrotophos	141-66-2	2.4E+02	2.1E-09	5.0E-11	1.6E-04	2.5E-02	6.4E-06	1.7E+01	1.0E+06
Dicyclopentadiene	77-73-6	1.3E+02	2.6E+00	6.3E-02	2.3E+00	5.6E-02	7.8E-06	1.5E+03	2.6E+01
Dieldrin	60-57-1	3.8E+02	4.1E-04	1.0E-05	5.9E-06	2.3E-02	6.0E-06	2.0E+04	2.0E-01
Diesel Engine Exhaust	NA								
Diethanolamine	111-42-2	1.1E+02	1.6E-09	3.9E-11	2.8E-04	7.7E-02	9.8E-06	1.0E+00	1.0E+06
Diethylene Glycol Monobutyl Ether	112-34-5	1.6E+02	2.9E-07	7.2E-09	2.2E-02	4.1E-02	7.0E-06	1.0E+01	1.0E+06
Diethylene Glycol Monoethyl Ether	111-90-0	1.3E+02	9.1E-07	2.2E-08	1.3E-01	5.6E-02	8.0E-06	1.0E+00	1.0E+06
Diethylformamide	617-84-5	1.0E+02	5.3E-06	1.3E-07	1.2E+00	7.3E-02	9.0E-06	2.1E+00	1.0E+06
Diethylstilbestrol	56-53-1	2.7E+02	2.4E-10	5.8E-12	1.4E-08	4.6E-02	5.3E-06	2.7E+05	1.2E+01
Difenzoquat	43222-48-6	3.6E+02			4.1E-12	3.8E-02	4.4E-06	7.8E+04	8.2E+05
Diflubenzuron	35367-38-5	3.1E+02	1.9E-07	4.6E-09	9.0E-10	4.1E-02	4.8E-06	4.6E+02	8.0E-02
Difluoroethane, 1,1-	75-37-6	6.6E+01	8.3E-01	2.0E-02	4.6E+03	1.0E-01	1.2E-05	3.2E+01	3.2E+03
Dihydrosafrole	94-58-6	1.6E+02	5.0E-04	1.2E-05	5.6E-02	4.3E-02	7.4E-06	2.1E+02	5.7E+01
Diisopropyl Ether	108-20-3	1.0E+02	1.0E-01	2.6E-03	1.5E+02	6.5E-02	7.8E-06	2.3E+01	8.8E+03
Diisopropyl Methylphosphonate	1445-75-6	1.8E+02	1.8E-03	4.4E-05	2.3E-01	3.4E-02	6.6E-06	4.2E+01	1.5E+03
Dimethipin	55290-64-7	2.1E+02	9.4E-10	2.3E-11	3.8E-07	5.4E-02	6.3E-06	1.0E+01	4.6E+03
Dimethoate	60-51-5	2.3E+02	9.9E-09	2.4E-10	1.9E-05	2.6E-02	6.7E-06	1.3E+01	2.3E+04
Dimethoxybenzidine, 3,3'-	119-90-4	2.4E+02	1.9E-09	4.7E-11	1.3E-07	4.9E-02	5.7E-06	5.1E+02	6.0E+01

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	Dia (cm ² /s)	Diw (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Dimethyl methylphosphonate	756-79-6	1.2E+02	5.6E-06	1.4E-07	8.3E-01	6.7E-02	9.2E-06	5.4E+00	1.0E+06
Dimethylamino azobenzene [p-]	60-11-7	2.3E+02	1.6E-08	4.0E-10	7.0E-08	5.1E-02	6.0E-06	2.0E+03	2.3E-01
Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+02	9.5E-05	2.3E-06	1.8E-01	7.8E-02	9.1E-06	3.5E+02	3.7E+03
Dimethylaniline, 2,4-	95-68-1	1.2E+02	1.0E-04	2.5E-06	1.3E-01	6.3E-02	8.4E-06	1.8E+02	6.1E+03
Dimethylaniline, N,N-	121-69-7	1.2E+02	2.3E-03	5.7E-05	7.0E-01	6.3E-02	8.3E-06	7.9E+01	1.5E+03
Dimethylbenzidine, 3,3'-	119-93-7	2.1E+02	2.6E-09	6.3E-11	6.9E-07	5.3E-02	6.2E-06	3.2E+03	1.3E+03
Dimethylformamide	68-12-2	7.3E+01	3.0E-06	7.4E-08	3.9E+00	9.7E-02	1.1E-05	1.0E+00	1.0E+06
Dimethylhydrazine, 1,1-	57-14-7	6.0E+01	5.3E-04	1.3E-05	1.6E+02	1.0E-01	1.1E-05	1.2E+01	1.0E+06
Dimethylhydrazine, 1,2-	540-73-8	6.0E+01	2.8E-06	7.0E-08	7.0E+01	1.1E-01	1.2E-05	1.5E+01	1.0E+06
Dimethylphenol, 2,4-	105-67-9	1.2E+02	3.9E-05	9.5E-07	1.0E-01	6.2E-02	8.3E-06	4.9E+02	7.9E+03
Dimethylphenol, 2,6-	576-26-1	1.2E+02	2.7E-04	6.7E-06	1.7E-01	7.7E-02	9.0E-06	5.0E+02	6.1E+03
Dimethylphenol, 3,4-	95-65-8	1.2E+02	1.7E-05	4.2E-07	3.6E-02	6.3E-02	8.4E-06	4.9E+02	4.8E+03
Dimethylvinylchloride	513-37-1	9.1E+01	4.8E-02	1.2E-03	2.1E+02	8.1E-02	9.7E-06	6.1E+01	1.0E+03
Dinitro-o-cresol, 4,6-	534-52-1	2.0E+02	5.7E-05	1.4E-06	1.2E-04	5.6E-02	6.5E-06	7.5E+02	2.0E+02
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	2.7E+02	2.3E-06	5.5E-08	4.2E-08	4.6E-02	5.4E-06	1.7E+04	1.5E+01
Dinitrobenzene, 1,2-	528-29-0	1.7E+02	2.2E-06	5.3E-08	4.6E-05	4.5E-02	8.3E-06	3.6E+02	1.3E+02
Dinitrobenzene, 1,3-	99-65-0	1.7E+02	2.0E-06	4.9E-08	9.0E-04	4.8E-02	9.2E-06	3.5E+02	5.3E+02
Dinitrobenzene, 1,4-	100-25-4	1.7E+02	3.4E-06	8.4E-08	2.6E-05	4.9E-02	9.4E-06	3.5E+02	6.9E+01
Dinitrophenol, 2,4-	51-28-5	1.8E+02	3.5E-06	8.6E-08	3.9E-04	4.1E-02	9.1E-06	4.6E+02	2.8E+03
Dinitrotoluene Mixture, 2,4/2,6-	NA	1.8E+02	1.6E-05	4.0E-07	2.2E-03	5.9E-02	6.9E-06	5.9E+02	2.7E+02
Dinitrotoluene, 2,4-	121-14-2	1.8E+02	2.2E-06	5.4E-08	1.5E-04	3.8E-02	7.9E-06	5.8E+02	2.0E+02
Dinitrotoluene, 2,6-	606-20-2	1.8E+02	3.1E-05	7.5E-07	5.7E-04	3.7E-02	7.8E-06	5.9E+02	1.8E+02
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	2.0E+02	1.3E-09	3.3E-11	1.1E-05	5.6E-02	6.6E-06	2.8E+02	1.2E+03
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	2.0E+02	1.3E-09	3.3E-11	1.1E-05	5.6E-02	6.6E-06	2.8E+02	1.2E+03
Dinitrotoluene, Technical grade	25321-14-6	5.5E+02	3.8E-06	9.3E-08	4.0E-04	2.8E-02	3.3E-06	5.9E+02	2.7E+02
Dinoseb	88-85-7	2.4E+02	1.9E-05	4.6E-07	7.5E-05	2.5E-02	6.5E-06	4.3E+03	5.2E+01
Dioxane, 1,4-	123-91-1	8.8E+01	2.0E-04	4.8E-06	3.8E+01	8.7E-02	1.1E-05	2.6E+00	1.0E+06
Dioxins									
~Hexachlorodibenzo-p-dioxin, Mixture	NA	3.9E+02	2.3E-04	5.7E-06	4.4E-11	4.3E-02	4.2E-06	7.0E+05	4.0E-06
~TCDD, 2,3,7,8-	1746-01-6	3.2E+02	2.0E-03	5.0E-05	1.5E-09	4.7E-02	6.8E-06	2.5E+05	2.0E-04
Diphenamid	957-51-7	2.4E+02	1.5E-09	3.6E-11	3.0E-08	2.4E-02	6.2E-06	4.8E+03	2.6E+02
Diphenyl Sulfone	127-63-9	2.2E+02	1.0E-05	2.5E-07	1.5E-05	2.7E-02	6.9E-06	1.1E+03	3.1E+02
Diphenylamine	122-39-4	1.7E+02	1.1E-04	2.7E-06	6.7E-04	4.2E-02	7.6E-06	8.3E+02	5.3E+01
Diphenylhydrazine, 1,2-	122-66-7	1.8E+02	2.0E-05	4.8E-07	4.4E-04	3.4E-02	7.2E-06	1.5E+03	2.2E+02
Diquat	85-00-7	3.4E+02	5.8E-12	1.4E-13	1.8E-06	2.1E-02	5.2E-06	9.3E+03	7.1E+05
Direct Black 38	1937-37-7	7.8E+02	3.4E-38	8.2E-40	1.5E-36	2.2E-02	2.6E-06	2.4E+08	3.0E+03
Direct Blue 6	2602-46-2	9.3E+02	3.7E-42	9.1E-44	9.5E-39	2.0E-02	2.3E-06	7.9E+08	1.4E-04
Direct Brown 95	16071-86-6	7.6E+02			1.4E-41	2.3E-02	2.7E-06	7.0E+06	1.0E+06
Disulfoton	298-04-4	2.7E+02	8.8E-05	2.2E-06	9.8E-05	2.3E-02	5.7E-06	8.4E+02	1.6E+01
Dithiane, 1,4-	505-29-3	1.2E+02	1.7E-03	4.2E-05	8.0E-02	6.8E-02	9.3E-06	1.5E+02	3.0E+03
Diuron	330-54-1	2.3E+02	2.1E-08	5.0E-10	6.9E-08	5.0E-02	5.9E-06	1.1E+02	4.2E+01

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Dodine	2439-10-3	2.9E+02	3.7E-09	9.0E-11	1.5E-07	4.4E-02	5.1E-06	2.5E+03	6.3E+02
EPTC	759-94-4	1.9E+02	6.5E-04	1.6E-05	2.4E-02	2.9E-02	6.4E-06	1.6E+02	3.8E+02
Endosulfan	115-29-7	4.1E+02	2.7E-03	6.5E-05	1.7E-07	2.2E-02	5.8E-06	6.8E+03	3.3E-01
Endothall	145-73-3	1.9E+02	1.6E-14	3.9E-16	1.6E-10	3.7E-02	8.2E-06	1.9E+01	1.0E+05
Endrin	72-20-8	3.8E+02	2.6E-04	6.4E-06	3.0E-06	3.6E-02	4.2E-06	2.0E+04	2.5E-01
Epichlorohydrin	106-89-8	9.3E+01	1.2E-03	3.0E-05	1.6E+01	8.9E-02	1.1E-05	9.9E+00	6.6E+04
Epoxybutane, 1,2-	106-88-7	7.2E+01	7.4E-03	1.8E-04	1.8E+02	9.3E-02	1.0E-05	9.9E+00	9.5E+04
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	1.2E+02	6.7E-10	1.7E-11	2.5E-01	7.8E-02	9.1E-06	1.0E+00	1.0E+06
Ethephon	16672-87-0	1.4E+02	2.3E-10	5.7E-12	9.8E-08	5.5E-02	8.6E-06	5.0E+00	1.0E+06
Ethion	563-12-2	3.8E+02	1.6E-05	3.8E-07	1.5E-06	1.9E-02	4.8E-06	8.8E+02	2.0E+00
Ethoxyethanol Acetate, 2-	111-15-9	1.3E+02	1.3E-04	3.2E-06	2.0E+00	5.7E-02	8.0E-06	4.5E+00	1.9E+05
Ethoxyethanol, 2-	110-80-5	9.0E+01	1.9E-05	4.7E-07	5.3E+00	8.2E-02	9.7E-06	1.0E+00	1.0E+06
Ethyl Acetate	141-78-6	8.8E+01	5.5E-03	1.3E-04	9.3E+01	8.2E-02	9.7E-06	5.6E+00	8.0E+04
Ethyl Acrylate	140-88-5	1.0E+02	1.4E-02	3.4E-04	3.9E+01	7.5E-02	9.1E-06	1.1E+01	1.5E+04
Ethyl Chloride (Chloroethane)	75-00-3	6.5E+01	4.5E-01	1.1E-02	1.0E+03	1.0E-01	1.2E-05	2.2E+01	6.7E+03
Ethyl Ether	60-29-7	7.4E+01	5.0E-02	1.2E-03	5.4E+02	8.5E-02	9.4E-06	9.7E+00	6.0E+04
Ethyl Methacrylate	97-63-2	1.1E+02	2.3E-02	5.7E-04	2.1E+01	6.5E-02	8.4E-06	1.7E+01	5.4E+03
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	3.2E+02	1.8E-05	4.4E-07	9.5E-07	2.2E-02	5.5E-06	1.5E+04	3.1E+00
Ethylbenzene	100-41-4	1.06E+02	3.22E-01	7.88E-03	9.60E+00	6.85E-02	8.46E-06	4.46E+02	1.69E+02
Ethylene Cyanohydrin	109-78-4	7.1E+01	3.1E-07	7.5E-09	8.0E-02	1.0E-01	1.2E-05	1.0E+00	1.0E+06
Ethylene Diamine	107-15-3	6.0E+01	7.1E-08	1.7E-09	1.2E+01	1.1E-01	1.2E-05	1.5E+01	1.0E+06
Ethylene Glycol	107-21-1	6.2E+01	2.5E-06	6.0E-08	9.2E-02	1.2E-01	1.4E-05	1.0E+00	1.0E+06
Ethylene Glycol Monobutyl Ether	111-76-2	1.2E+02	6.5E-05	1.6E-06	8.8E-01	6.3E-02	8.1E-06	2.8E+00	1.0E+06
Ethylene Oxide	75-21-8	4.4E+01	6.1E-03	1.5E-04	1.3E+03	1.3E-01	1.5E-05	3.2E+00	1.0E+06
Ethylene Thiourea	96-45-7	1.0E+02	5.6E-10	1.4E-11	2.0E-06	8.7E-02	1.0E-05	1.3E+01	2.0E+04
Ethyleneimine	151-56-4	4.3E+01	4.9E-04	1.2E-05	2.1E+02	1.3E-01	1.4E-05	9.0E+00	1.0E+06
Ethylphthalyl Ethyl Glycolate	84-72-0	2.8E+02	2.7E-07	6.6E-09	2.2E-04	4.4E-02	5.2E-06	1.0E+03	2.2E+02
Fenamiphos	22224-92-6	3.0E+02	4.9E-08	1.2E-09	1.0E-06	2.1E-02	5.4E-06	4.0E+02	3.3E+02
Fenpropathrin	39515-41-8	3.5E+02	3.1E-04	7.6E-06	5.5E-06	3.8E-02	4.5E-06	2.2E+04	3.3E-01
Fenvalerate	51630-58-1	4.2E+02	1.4E-06	3.5E-08	1.5E-09	1.8E-02	4.4E-06	3.2E+05	2.4E-02
Fluometuron	2164-17-2	2.3E+02	1.1E-07	2.6E-09	9.4E-07	5.0E-02	5.9E-06	2.9E+02	1.1E+02
Fluoride	16984-48-8	3.8E+01							1.7E+00
Fluorine (Soluble Fluoride)	7782-41-4	3.8E+01							1.7E+00
Fluridone	59756-60-4	3.3E+02	3.3E-07	8.1E-09	9.8E-08	4.0E-02	4.7E-06	5.7E+04	1.2E+01
Flurprimidol	56425-91-3	3.1E+02	5.4E-08	1.3E-09	3.6E-07	4.1E-02	4.8E-06	2.2E+03	1.1E+02
Flusilazole	85509-19-9	3.2E+02	9.2E-08	2.3E-09	2.9E-07	4.1E-02	4.8E-06	8.1E+04	5.4E+01
Flutolanil	66332-96-5	3.2E+02	1.3E-07	3.2E-09	4.9E-08	4.0E-02	4.7E-06	2.6E+03	6.5E+00
Fluvalinate	69409-94-5	5.0E+02	5.9E-07	1.5E-08	1.0E-07	3.0E-02	3.5E-06	7.3E+05	5.0E-03
Folpet	133-07-3	3.0E+02	3.1E-06	7.7E-08	1.6E-07	4.3E-02	5.0E-06	1.8E+01	8.0E-01
Fomesafen	72178-02-0	4.4E+02	3.1E-11	7.5E-13	7.5E-07	1.9E-02	4.6E-06	1.5E+03	5.0E+01
Fonofos	944-22-9	2.5E+02	2.9E-04	7.0E-06	3.4E-04	2.4E-02	6.1E-06	8.6E+02	1.6E+01
Formaldehyde	50-00-0	3.0E+01	1.4E-05	3.4E-07	3.9E+03	1.7E-01	1.7E-05	1.0E+00	4.0E+05

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Formic Acid	64-18-6	4.6E+01	6.8E-06	1.7E-07	4.3E+01	1.5E-01	1.7E-05	1.0E+00	1.0E+06
Fosetyl-AL	39148-24-8	3.5E+02	1.3E-12	3.2E-14	7.5E-11	3.8E-02	4.4E-06	6.5E+03	1.1E+05
Furans									
~Dibenzofuran	132-64-9	1.7E+02	8.7E-03	2.1E-04	2.5E-03	6.5E-02	7.4E-06	9.2E+03	3.1E+00
~Furan	110-00-9	6.8E+01	2.2E-01	5.4E-03	6.0E+02	1.0E-01	1.2E-05	8.0E+01	1.0E+04
~Tetrahydrofuran	109-99-9	7.21E+01	2.88E-03	7.05E-05	1.62E+02	9.94E-02	1.08E-05	1.08E+01	1.00E+06
Furazolidone	67-45-8	2.3E+02	1.3E-09	3.3E-11	2.6E-06	5.1E-02	6.0E-06	8.6E+02	4.0E+01
Furfural	98-01-1	9.6E+01	1.5E-04	3.8E-06	2.2E+00	8.5E-02	1.1E-05	6.1E+00	7.4E+04
Furium	531-82-8	2.5E+02	5.4E-14	1.3E-15	8.8E-09	4.7E-02	5.5E-06	5.8E+02	4.2E+03
Furmecyclox	60568-05-0	2.5E+02	2.8E-07	6.9E-09	8.4E-05	4.8E-02	5.6E-06	4.3E+02	3.0E-01
Glufosinate, Ammonium	77182-82-2	2.0E+02	1.8E-12	4.4E-14	9.1E-12	5.6E-02	6.5E-06	1.0E+01	1.4E+06
Glutaraldehyde	111-30-8	1.0E+02	1.3E-06	3.3E-08	6.0E-01	8.8E-02	1.0E-05	1.0E+00	2.2E+05
Glycidyl	765-34-4	7.2E+01	2.1E-05	5.1E-07	4.5E+01	1.1E-01	1.3E-05	1.0E+00	1.0E+06
Glyphosate	1071-83-6	1.7E+02	8.6E-11	2.1E-12	9.8E-08	6.2E-02	7.3E-06	2.1E+03	1.1E+04
Guanidine	113-00-8	5.9E+01	9.6E-10	2.3E-11	2.2E+00	1.4E-01	1.7E-05	1.2E+01	1.8E+03
Guanidine Chloride	50-01-1	9.6E+01	8.9E-17	2.2E-18	1.8E-06	9.2E-02	1.2E-05		1.0E+06
Haloxypop, Methyl	69806-40-2	3.8E+02	1.3E-05	3.2E-07	6.0E-06	3.6E-02	4.3E-06	5.5E+03	9.3E+00
Heptachlor	76-44-8	3.7E+02	1.2E-02	2.9E-04	4.0E-04	2.2E-02	5.7E-06	4.1E+04	1.8E-01
Heptachlor Epoxide	1024-57-3	3.9E+02	8.6E-04	2.1E-05	2.0E-05	2.4E-02	6.2E-06	1.0E+04	2.0E-01
Hexabromobenzene	87-82-1	5.5E+02	1.1E-03	2.8E-05	1.6E-08	2.5E-02	6.6E-06	2.8E+03	1.6E-04
Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	6.4E+02			5.8E-06	2.5E-02	3.0E-06		9.0E-04
Hexachlorobenzene	118-74-1	2.8E+02	7.0E-02	1.7E-03	1.8E-05	2.9E-02	7.8E-06	6.2E+03	6.2E-03
Hexachlorobutadiene	87-68-3	2.6E+02	4.2E-01	1.0E-02	2.2E-01	2.7E-02	7.0E-06	8.5E+02	3.2E+00
Hexachlorocyclohexane, Alpha-	319-84-6	2.9E+02	2.7E-04	6.7E-06	3.5E-05	4.3E-02	5.1E-06	2.8E+03	2.0E+00
Hexachlorocyclohexane, Beta-	319-85-7	2.9E+02	1.8E-05	4.4E-07	3.6E-07	2.8E-02	7.4E-06	2.8E+03	2.4E-01
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.9E+02	2.1E-04	5.1E-06	4.2E-05	4.3E-02	5.1E-06	2.8E+03	7.3E+00
Hexachlorocyclohexane, Technical	608-73-1	2.9E+02	2.1E-04	5.1E-06	3.5E-05	4.3E-02	5.1E-06	2.8E+03	8.0E+00
Hexachlorocyclopentadiene	77-47-4	2.7E+02	1.1E+00	2.7E-02	6.0E-02	2.7E-02	7.2E-06	1.4E+03	1.8E+00
Hexachloroethane	67-72-1	2.4E+02	1.6E-01	3.9E-03	2.1E-01	3.2E-02	8.9E-06	2.0E+02	5.0E+01
Hexachlorophene	70-30-4	4.1E+02	2.2E-11	5.5E-13	1.0E-10	3.5E-02	4.0E-06	6.7E+05	1.4E+02
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.2E+02	8.2E-10	2.0E-11	4.1E-09	3.1E-02	8.5E-06	8.9E+01	6.0E+01
Hexamethylene Diisocyanate, 1,6-	822-06-0	1.7E+02	2.0E-03	4.8E-05	3.0E-02	4.0E-02	7.2E-06	4.8E+03	1.2E+02
Hexamethylphosphoramide	680-31-9	1.8E+02	8.2E-07	2.0E-08	4.6E-02	3.5E-02	6.9E-06	1.0E+01	1.0E+06
Hexane, N-	110-54-3	8.62E+01	7.36E+01	1.80E+00	1.51E+02	7.31E-02	8.17E-06	1.32E+02	9.50E+00
Hexanedioic Acid	124-04-9	1.5E+02	1.9E-10	4.7E-12	3.2E-07	5.8E-02	9.2E-06	2.4E+01	3.1E+04
Hexanone, 2-	591-78-6	1.00E+02	3.81E-03	9.32E-05	1.16E+01	7.04E-02	8.44E-06	1.50E+01	1.72E+04
Hexazinone	51235-04-2	2.5E+02	9.2E-11	2.3E-12	2.3E-07	2.5E-02	6.3E-06	1.3E+02	3.3E+04
Hexythiazox	78587-05-0	3.5E+02	9.7E-07	2.4E-08	2.6E-08	3.8E-02	4.4E-06	2.1E+03	5.0E-01
Hydramethylnon	67485-29-4	4.9E+02	9.0E-05	2.2E-06	2.0E-08	3.0E-02	3.6E-06	1.8E+08	6.0E-03
Hydrazine	302-01-2	3.2E+01	2.5E-05	6.1E-07	1.4E+01	1.7E-01	1.9E-05		1.0E+06
Hydrazine Sulfate	10034-93-2	1.3E+02							3.1E+04
Hydrogen Chloride	7647-01-0	3.5E+01	8.3E+07	2.0E+06	3.5E+04	1.9E-01	2.3E-05		6.7E+05

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Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Hydrogen Fluoride	7664-39-3	2.0E+01	4.3E-03	1.0E-04	9.2E+02	2.2E-01	2.2E-05		1.0E+06
Hydrogen Sulfide	7783-06-4	3.4E+01	3.5E-01	8.6E-03	1.6E+04	1.9E-01	2.2E-05		3.7E+03
Hydroquinone	123-31-9	1.1E+02	1.9E-09	4.7E-11	2.4E-05	8.0E-02	1.1E-05	2.4E+02	7.2E+04
Imazalil	35554-44-0	3.0E+02	1.1E-07	2.6E-09	1.2E-06	2.2E-02	5.7E-06	8.5E+03	1.8E+02
Imazaquin	81335-37-7	3.1E+02	2.8E-16	6.9E-18	1.0E-13	4.1E-02	4.8E-06	2.4E+03	9.0E+01
Imazethapyr	81335-77-5	2.9E+02	4.3E-15	1.0E-16	2.2E-11	4.3E-02	5.1E-06	3.4E+02	1.4E+03
Iodine	7553-56-2	2.5E+02			2.3E-01				3.3E+02
Iprodione	36734-19-7	3.3E+02	1.3E-07	3.1E-09	3.8E-09	4.0E-02	4.6E-06	5.3E+01	1.4E+01
Iron	7439-89-6	5.6E+01			0.0E+00				
Isobutyl Alcohol	78-83-1	7.4E+01	4.0E-04	9.8E-06	1.0E+01	9.0E-02	1.0E-05	2.9E+00	8.5E+04
Isophorone	78-59-1	1.4E+02	2.7E-04	6.6E-06	4.4E-01	5.3E-02	7.5E-06	6.5E+01	1.2E+04
Isopropalin	33820-53-0	3.1E+02	4.5E-03	1.1E-04	3.0E-05	2.1E-02	5.3E-06	1.1E+04	1.1E-01
Isopropanol	67-63-0	6.01E+01	3.31E-04	8.10E-06	4.54E+01	1.03E-01	1.12E-05	1.53E+00	1.00E+06
Isopropyl Methyl Phosphonic Acid	1832-54-8	1.4E+02	2.8E-07	6.9E-09	1.2E-02	7.1E-02	8.3E-06	7.7E+00	5.0E+04
Isoxaben	82558-50-7	3.3E+02	5.2E-08	1.3E-09	4.1E-09	4.0E-02	4.6E-06	1.3E+03	1.4E+00
JP-7	NA		4.1E-01	1.0E-02	1.1E+01				1.0E+01
Lactofen	77501-63-4	4.6E+02	1.9E-05	4.7E-07	7.0E-08	3.2E-02	3.7E-06	2.3E+04	1.0E-01
Lead Compounds									
~Lead Chromate	7758-97-6	3.2E+02							1.7E-01
~Lead Phosphate	7446-27-7	8.1E+02							0.0E+00
~Lead acetate	301-04-2	3.3E+02			7.2E-04	3.3E-02	9.5E-06	1.0E+00	1.6E+03
~Lead and Compounds	7439-92-1	2.1E+02			0.0E+00				
~Lead subacetate	1335-32-6	8.1E+02			3.0E-10	2.2E-02	2.6E-06	1.0E+01	6.3E+04
~Tetraethyl Lead	78-00-2	3.2E+02	2.3E+01	5.7E-01	2.6E-01	2.5E-02	6.4E-06	6.5E+02	2.9E-01
Lewisite	541-25-3	2.1E+02	8.9E-03	2.2E-04	5.8E-01	3.3E-02	9.1E-06	1.1E+02	5.0E+02
Linuron	330-55-2	2.5E+02	2.6E-07	6.3E-09	1.4E-06	4.8E-02	5.6E-06	3.4E+02	7.5E+01
Lithium	7439-93-2	6.9E+00							
MCPA	94-74-6	2.0E+02	5.4E-08	1.3E-09	5.9E-06	3.1E-02	8.2E-06	3.0E+01	6.3E+02
MCPB	94-81-5	2.3E+02	1.1E-07	2.7E-09	4.3E-07	5.1E-02	5.9E-06	9.8E+01	4.8E+01
MCPP	93-65-2	2.1E+02	7.4E-07	1.8E-08	7.5E-07	2.7E-02	7.0E-06	4.9E+01	6.2E+02
Malathion	121-75-5	3.3E+02	2.0E-07	4.9E-09	3.4E-06	2.1E-02	5.2E-06	3.1E+01	1.4E+02
Maleic Anhydride	108-31-6	9.8E+01	1.6E-04	3.9E-06	2.5E-01	8.8E-02	1.1E-05	1.0E+00	1.6E+05
Maleic Hydrazide	123-33-1	1.1E+02	1.1E-09	2.7E-11	2.8E-06	8.2E-02	9.5E-06	3.3E+00	4.5E+03
Malononitrile	109-77-3	6.6E+01	5.4E-06	1.3E-07	2.0E-01	1.2E-01	1.4E-05	3.3E+00	1.3E+05
Mancozeb	8018-01-7	5.4E+02	6.2E-10	1.5E-11	1.3E-10	2.0E-02	5.1E-06	6.1E+02	6.2E+00
Maneb	12427-38-2	3.0E+02	2.0E-07	4.9E-09	7.5E-08	4.3E-02	5.0E-06	6.1E+02	6.0E+00
Manganese (Diet)	7439-96-5	5.5E+01			0.0E+00				
Manganese (Non-diet)	7439-96-5	5.5E+01			0.0E+00				
Mephosfolan	950-10-7	2.7E+02	4.9E-09	1.2E-10	3.2E-05	4.6E-02	5.3E-06	6.4E+02	5.7E+01
Mepiquat Chloride	24307-26-4	1.5E+02	1.8E-10	4.3E-12	3.7E-07	6.7E-02	7.9E-06	6.6E+01	5.0E+05
Mercury Compounds									

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.7E+02							6.9E+04
~Mercury (elemental)	7439-97-6	2.0E+02	3.5E-01	8.6E-03	2.0E-03	3.1E-02	6.3E-06		6.0E-02
~Methyl Mercury	22967-92-6	2.2E+02							
~Phenylmercuric Acetate	62-38-4	3.4E+02	2.3E-08	5.7E-10	6.0E-06	3.9E-02	4.6E-06	5.6E+01	4.4E+03
Merphos	150-50-5	3.0E+02	9.3E-04	2.3E-05	2.0E-05	2.0E-02	5.0E-06	4.9E+04	3.5E-03
Merphos Oxide	78-48-8	3.1E+02	1.2E-05	2.9E-07	5.3E-06	2.0E-02	5.0E-06	2.4E+03	2.3E+00
Metalaxyl	57837-19-1	2.8E+02	1.2E-07	3.0E-09	5.6E-06	4.4E-02	5.2E-06	3.9E+01	8.4E+03
Methacrylonitrile	126-98-7	6.7E+01	1.0E-02	2.5E-04	7.1E+01	9.6E-02	1.1E-05	1.3E+01	2.5E+04
Methamidophos	10265-92-6	1.4E+02	3.5E-08	8.7E-10	3.5E-05	6.0E-02	9.2E-06	5.4E+00	1.0E+06
Methanol	67-56-1	3.2E+01	1.9E-04	4.6E-06	1.3E+02	1.6E-01	1.7E-05	1.0E+00	1.0E+06
Methidathion	950-37-8	3.0E+02	2.9E-07	7.2E-09	3.4E-06	4.2E-02	4.9E-06	2.1E+01	1.9E+02
Methomyl	16752-77-5	1.6E+02	8.1E-10	2.0E-11	5.4E-06	4.8E-02	8.4E-06	1.0E+01	5.8E+04
Methoxy-5-nitroaniline, 2-	99-59-2	1.7E+02	5.1E-07	1.3E-08	3.2E-04	4.3E-02	7.8E-06	7.1E+01	1.2E+02
Methoxychlor	72-43-5	3.5E+02	8.3E-06	2.0E-07	2.6E-06	2.2E-02	5.6E-06	2.7E+04	1.0E-01
Methoxyethanol Acetate, 2-	110-49-6	1.2E+02	1.3E-05	3.1E-07	7.0E+00	6.6E-02	8.7E-06	2.5E+00	1.0E+06
Methoxyethanol, 2-	109-86-4	7.6E+01	1.4E-05	3.3E-07	9.5E+00	9.5E-02	1.1E-05	1.0E+00	1.0E+06
Methyl Acetate	79-20-9	7.4E+01	4.7E-03	1.2E-04	2.2E+02	9.6E-02	1.1E-05	3.1E+00	2.4E+05
Methyl Acrylate	96-33-3	8.6E+01	8.1E-03	2.0E-04	8.7E+01	8.6E-02	1.0E-05	5.8E+00	4.9E+04
Methyl Ethyl Ketone (2-Butanone)	78-93-3	7.2E+01	2.3E-03	5.7E-05	9.1E+01	9.1E-02	1.0E-05	4.5E+00	2.2E+05
Methyl Hydrazine	60-34-4	4.6E+01	1.2E-04	3.0E-06	5.0E+01	1.3E-01	1.4E-05	1.3E+01	1.0E+06
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.00E+02	5.64E-03	1.38E-04	1.99E+01	6.98E-02	8.35E-06	1.26E+01	1.90E+04
Methyl Isocyanate	624-83-9	5.7E+01	3.8E-02	9.3E-04	3.5E+02	1.2E-01	1.3E-05	4.0E+01	2.9E+04
Methyl Methacrylate	80-62-6	1.0E+02	1.3E-02	3.2E-04	3.9E+01	7.5E-02	9.2E-06	9.1E+00	1.5E+04
Methyl Parathion	298-00-0	2.6E+02	4.1E-06	1.0E-07	3.5E-06	2.5E-02	6.4E-06	7.3E+02	3.8E+01
Methyl Phosphonic Acid	993-13-5	9.6E+01	5.0E-10	1.2E-11	3.3E-04	9.1E-02	1.1E-05	1.4E+00	2.0E+04
Methyl Styrene (Mixed Isomers)	25013-15-4	3.5E+02	1.1E-01	2.6E-03	1.5E+00	1.7E-02	4.2E-06	7.2E+02	8.9E+01
Methyl methanesulfonate	66-27-3	1.1E+02	1.6E-04	4.0E-06	3.1E-01	7.9E-02	1.1E-05	4.3E+00	2.0E+05
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8.8E+01	2.4E-02	5.9E-04	2.5E+02	7.5E-02	8.6E-06	1.2E+01	5.1E+04
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	2.0E+02	2.6E-16	6.4E-18	4.1E-12	5.6E-02	6.6E-06	2.0E+02	1.0E+06
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	3.4E-07	8.3E-09	9.8E-04	6.7E-02	7.8E-06	1.8E+02	1.0E+04
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.5E+02	5.0E-11	1.2E-12	1.2E-04	6.8E-02	8.0E-06	7.2E+01	2.7E+05
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	8.6E-05	2.1E-06	2.9E-01	6.9E-02	8.1E-06	1.2E+02	8.3E+03
Methylarsonic acid	124-58-3	1.4E+02			1.6E-03	7.0E-02	8.2E-06	4.4E+01	2.6E+05
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	1.6E+02				6.5E-02	7.6E-06		
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	2.2E+02				5.2E-02	6.1E-06		
Methylcholanthrene, 3-	56-49-5	2.7E+02	2.1E-04	5.2E-06	4.3E-08	2.4E-02	6.1E-06	9.6E+05	2.9E-03
Methylene Chloride	75-09-2	8.49E+01	1.33E-01	3.25E-03	4.35E+02	9.99E-02	1.25E-05	2.17E+01	1.30E+04
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.7E+02	1.7E-09	4.1E-11	2.9E-07	4.6E-02	5.4E-06	5.7E+03	1.4E+01
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	2.5E+02	4.4E-08	1.1E-09	1.8E-05	4.7E-02	5.5E-06	2.7E+03	4.1E+00
Methylenebisbenzenamine, 4,4'-	101-77-9	2.0E+02	2.2E-09	5.3E-11	2.0E-07	5.6E-02	6.5E-06	2.1E+03	1.0E+03
Methylenediphenyl Diisocyanate	101-68-8	2.5E+02	3.7E-05	9.0E-07	5.0E-06	2.4E-02	6.2E-06	2.8E+05	8.3E-01
Methylstyrene, Alpha-	98-83-9	1.2E+02	1.0E-01	2.6E-03	1.9E+00	6.3E-02	8.2E-06	7.0E+02	1.2E+02

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant	Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility	
		Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)			VP
Metolachlor	51218-45-2	2.8E+02	3.7E-07	9.0E-09	3.1E-05	2.2E-02	5.5E-06	4.9E+02	5.3E+02
Metribuzin	21087-64-9	2.1E+02	4.8E-09	1.2E-10	4.4E-07	2.7E-02	7.1E-06	5.3E+01	1.1E+03
Metsulfuron-methyl	74223-64-6	3.8E+02	5.4E-15	1.3E-16	2.5E-12	3.6E-02	4.2E-06	9.3E+01	9.5E+03
Mineral oils	8012-95-1	1.7E+02	3.3E+02	8.2E+00	1.4E-01	3.6E-02	6.4E-06	4.8E+03	3.7E-03
Mirex	2385-85-5	5.5E+02	3.3E-02	8.1E-04	8.0E-07	2.2E-02	5.6E-06	3.6E+05	8.5E-02
Molinate	2212-67-1	1.9E+02	1.7E-04	4.1E-06	5.6E-03	3.2E-02	6.8E-06	1.8E+02	9.7E+02
Molybdenum	7439-98-7	9.6E+01			0.0E+00				
Monochloramine	10599-90-3	5.1E+01							
Monomethylaniline	100-61-8	1.1E+02	3.6E-04	8.9E-06	4.5E-01	7.2E-02	9.1E-06	8.2E+01	5.6E+03
Myclobutanil	88671-89-0	2.7E+02	1.7E-07	4.3E-09	1.6E-06	4.5E-02	5.3E-06	6.1E+03	1.4E+02
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	2.6E+02	8.4E-09	2.1E-10	6.4E-09	4.7E-02	5.4E-06	5.2E+04	7.4E+00
Naled	300-76-5	3.8E+02	2.7E-03	6.5E-05	2.0E-04	2.5E-02	6.4E-06	1.3E+02	1.5E+00
Naphtha, High Flash Aromatic (HFAN)	64742-95-6		1.8E-02	4.4E-04	8.5E-02				3.1E+01
Naphthylamine, 2-	91-59-8	1.4E+02	3.3E-06	8.1E-08	2.6E-04	6.4E-02	1.0E-05	2.5E+03	1.9E+02
Napropamide	15299-99-7	2.7E+02	3.4E-08	8.4E-10	1.7E-07	4.5E-02	5.3E-06	3.2E+03	7.3E+01
Nickel Acetate	373-02-4	1.8E+02			1.8E-05	4.6E-02	9.7E-06	1.0E+00	1.7E+05
Nickel Carbonate	3333-67-3	1.2E+02			3.6E-06	7.9E-02	9.2E-06		9.3E+01
Nickel Carbonyl	13463-39-3	1.7E+02	2.0E+01	5.0E-01	3.2E+02	4.3E-02	8.2E-06		1.8E+02
Nickel Hydroxide	12054-48-7	9.3E+01							
Nickel Oxide	1313-99-1	7.5E+01							
Nickel Refinery Dust	NA								
Nickel Soluble Salts	7440-02-0	5.9E+01			0.0E+00				
Nickel Subulfide	12035-72-2	2.4E+02							
Nickelocene	1271-28-9	1.9E+02				5.8E-02	6.7E-06		
Nitrate	14797-55-8	6.2E+01							
Nitrate + Nitrite (as N)	NA								
Nitrite	14797-65-0	4.7E+01							
Nitroaniline, 2-	88-74-4	1.4E+02	2.4E-06	5.9E-08	2.8E-03	5.2E-02	7.4E-06	1.1E+02	1.5E+03
Nitroaniline, 4-	100-01-6	1.4E+02	5.2E-08	1.3E-09	3.2E-06	6.4E-02	9.8E-06	1.1E+02	7.3E+02
Nitrobenzene	98-95-3	1.2E+02	9.8E-04	2.4E-05	2.5E-01	6.8E-02	9.4E-06	2.3E+02	2.1E+03
Nitrocellulose	9004-70-0	3.9E+02	1.3E-21	3.3E-23	1.4E-17	3.6E-02	4.2E-06	1.0E+01	1.0E+06
Nitrofurantoin	67-20-9	2.4E+02	5.4E-11	1.3E-12	2.8E-10	4.9E-02	5.8E-06	1.2E+02	8.0E+01
Nitrofurazone	59-87-0	2.0E+02	1.3E-11	3.1E-13	4.3E-06	5.6E-02	6.5E-06	3.5E+02	2.1E+02
Nitroglycerin	55-63-0	2.3E+02	3.5E-06	8.7E-08	4.0E-04	2.9E-02	7.7E-06	1.2E+02	1.4E+03
Nitroguanidine	556-88-7	1.0E+02	1.8E-14	4.5E-16	1.4E-11	1.0E-01	1.4E-05	2.1E+01	4.4E+03
Nitromethane	75-52-5	6.1E+01	1.2E-03	2.9E-05	3.6E+01	1.2E-01	1.4E-05	1.0E+01	1.1E+05
Nitropropane, 2-	79-46-9	8.9E+01	4.9E-03	1.2E-04	1.7E+01	8.5E-02	1.0E-05	3.1E+01	1.7E+04
Nitroso-N-ethylurea, N-	759-73-9	1.2E+02	5.4E-09	1.3E-10	1.8E-02	7.9E-02	9.3E-06	2.1E+01	1.3E+04
Nitroso-N-methylurea, N-	684-93-5	1.0E+02	4.1E-09	9.9E-11	2.9E-02	8.6E-02	1.0E-05	1.1E+01	1.4E+04
Nitroso-di-N-butylamine, N-	924-16-3	1.6E+02	5.4E-04	1.3E-05	4.7E-02	4.2E-02	6.8E-06	9.1E+02	1.3E+03
Nitroso-di-N-propylamine, N-	621-64-7	1.3E+02	2.2E-04	5.4E-06	8.6E-02	5.6E-02	7.8E-06	2.8E+02	1.3E+04

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant	CAS No.	Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
			H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)		
Nitrosodiethanolamine, N-	1116-54-7	1.3E+02	2.0E-10	4.9E-12	5.0E-04	7.3E-02	8.5E-06	1.0E+00	1.0E+06
Nitrosodiethylamine, N-	55-18-5	1.0E+02	1.5E-04	3.6E-06	8.6E-01	7.4E-02	9.1E-06	8.3E+01	1.1E+05
Nitrosodimethylamine, N-	62-75-9	7.4E+01	7.4E-05	1.8E-06	2.7E+00	9.9E-02	1.2E-05	2.3E+01	1.0E+06
Nitrosodiphenylamine, N-	86-30-6	2.0E+02	5.0E-05	1.2E-06	1.0E-01	5.6E-02	6.5E-06	2.6E+03	3.5E+01
Nitrosomethylethylamine, N-	10595-95-6	8.8E+01	5.9E-05	1.4E-06	1.1E+00	8.4E-02	1.0E-05	4.3E+01	3.0E+05
Nitrosomorpholine [N-]	59-89-2	1.2E+02	1.0E-06	2.5E-08	3.6E-02	8.0E-02	9.3E-06	2.3E+01	1.0E+06
Nitrosopiperidine [N-]	100-75-4	1.1E+02	3.5E-05	8.4E-07	9.2E-02	7.0E-02	9.2E-06	1.7E+02	7.7E+04
Nitrosopyrrolidine, N-	930-55-2	1.0E+02	2.0E-06	4.9E-08	6.0E-02	8.0E-02	1.0E-05	9.2E+01	1.0E+06
Nitrotoluene, m-	99-08-1	1.4E+02	3.8E-04	9.3E-06	2.1E-01	5.9E-02	8.7E-06	3.6E+02	5.0E+02
Nitrotoluene, o-	88-72-2	1.4E+02	5.1E-04	1.3E-05	1.9E-01	5.9E-02	8.7E-06	3.7E+02	6.5E+02
Nitrotoluene, p-	99-99-0	1.4E+02	2.3E-04	5.6E-06	1.6E-02	5.7E-02	8.4E-06	3.6E+02	4.4E+02
Nonane, n-	111-84-2	1.3E+02	1.4E+02	3.4E+00	4.5E+00	5.1E-02	6.8E-06	8.0E+02	2.2E-01
Norflurazon	27314-13-2	3.0E+02	1.4E-08	3.4E-10	2.9E-08	4.2E-02	4.9E-06	3.1E+03	3.4E+01
Octabromodiphenyl Ether	32536-52-0	8.0E+02	3.1E-06	7.5E-08	1.3E-02	2.2E-02	2.6E-06	9.9E+04	1.1E-08
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.0E+02	3.5E-08	8.7E-10	3.3E-14	4.3E-02	5.0E-06	5.3E+02	5.0E+00
Octamethylpyrophosphoramidate	152-16-9	2.9E+02	1.5E-08	3.8E-10	1.0E-03	2.2E-02	5.4E-06	2.0E+01	1.0E+06
Oryzalin	19044-88-3	3.5E+02	7.8E-08	1.9E-09	9.8E-09	3.9E-02	4.5E-06	8.3E+02	2.5E+00
Oxadiazon	19666-30-9	3.5E+02	3.0E-06	7.3E-08	1.1E-07	3.9E-02	4.5E-06	5.0E+03	7.0E-01
Oxamyl	23135-22-0	2.2E+02	9.7E-09	2.4E-10	2.3E-04	2.3E-02	5.9E-06	1.0E+01	2.8E+05
Oxyfluorfen	42874-03-3	3.6E+02	3.4E-05	8.2E-07	2.0E-07	2.1E-02	5.3E-06	4.0E+04	1.2E-01
Paclobutrazol	76738-62-0	2.9E+02	3.4E-09	8.3E-11	7.5E-09	2.2E-02	5.7E-06	9.2E+02	2.6E+01
Paraquat Dichloride	1910-42-5	2.6E+02	1.3E-11	3.2E-13	7.5E-08	4.7E-02	5.5E-06	6.8E+03	6.2E+05
Parathion	56-38-2	2.9E+02	1.2E-05	3.0E-07	6.7E-06	2.3E-02	5.8E-06	2.4E+03	1.1E+01
Pebulate	1114-71-2	2.0E+02	9.7E-03	2.4E-04	8.9E-02	2.4E-02	6.1E-06	3.0E+02	1.0E+02
Pendimethalin	40487-42-1	2.8E+02	3.5E-05	8.6E-07	1.5E-05	2.3E-02	5.7E-06	5.6E+03	3.3E-01
Pentabromodiphenyl Ether	32534-81-9	5.6E+02	4.4E-03	1.1E-04	3.1E-08	2.8E-02	3.2E-06	2.2E+04	2.4E-03
Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9	5.6E+02	4.8E-05	1.2E-06	3.1E-08	2.2E-02	5.6E-06	2.2E+04	7.9E-05
Pentachlorobenzene	608-93-5	2.5E+02	2.9E-02	7.0E-04	1.0E-03	2.9E-02	7.9E-06	3.7E+03	8.3E-01
Pentachloroethane	76-01-7	2.0E+02	7.9E-02	1.9E-03	3.5E+00	3.2E-02	8.6E-06	1.4E+02	4.9E+02
Pentachloronitrobenzene	82-68-8	3.0E+02	1.8E-03	4.4E-05	5.0E-05	2.6E-02	6.9E-06	6.0E+03	4.4E-01
Pentachlorophenol	87-86-5	2.7E+02	1.0E-06	2.5E-08	1.1E-04	3.0E-02	8.0E-06	5.9E+02	1.4E+01
Pentaerythritol tetranitrate (PETN)	78-11-5	3.2E+02	5.4E-08	1.3E-09	5.5E-09	2.6E-02	6.8E-06	6.5E+02	4.3E+01
Pentane, n-	109-66-0	7.2E+01	5.1E+01	1.3E+00	5.1E+02	8.2E-02	8.8E-06	7.2E+01	3.8E+01
Perchlorates									
~Ammonium Perchlorate	7790-98-9	1.2E+02							2.5E+05
~Lithium Perchlorate	7791-03-9	1.1E+02							5.9E+05
~Perchlorate and Perchlorate Salts	14797-73-0	1.2E+02							2.5E+05
~Potassium Perchlorate	7778-74-7	1.4E+02							1.5E+04
~Sodium Perchlorate	7601-89-0	1.2E+02							2.1E+06
Perfluorobutane Sulfonate	375-73-5	3.0E+02	5.9E-04	1.4E-05	5.2E-02	2.7E-02	7.2E-06	1.8E+02	1.1E+02
Permethrin	52645-53-1	3.9E+02	7.7E-05	1.9E-06	2.2E-08	1.9E-02	4.8E-06	1.2E+05	6.0E-03

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _w (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Phenacetin	62-44-2	1.8E+02	8.7E-09	2.1E-10	6.9E-07	6.0E-02	7.0E-06	4.1E+01	7.7E+02
Phenmedipham	13684-63-4	3.0E+02	3.4E-11	8.4E-13	1.0E-11	4.2E-02	5.0E-06	2.6E+03	4.7E+00
Phenol	108-95-2	9.4E+01	1.4E-05	3.3E-07	3.5E-01	8.3E-02	1.0E-05	1.9E+02	8.3E+04
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.1E+02	5.8E-08	1.4E-09	2.1E-05	2.6E-02	6.6E-06	6.0E+01	1.9E+03
Phenothiazine	92-84-2	2.0E+02	1.1E-06	2.8E-08	8.9E-07	2.9E-02	7.5E-06	1.5E+03	1.6E+00
Phenylenediamine, m-	108-45-2	1.1E+02	5.1E-08	1.3E-09	2.1E-03	7.2E-02	9.2E-06	3.4E+01	2.4E+05
Phenylenediamine, o-	95-54-5	1.1E+02	2.9E-07	7.2E-09	2.1E-03	8.4E-02	9.8E-06	3.5E+01	4.0E+04
Phenylenediamine, p-	106-50-3	1.1E+02	2.8E-08	6.7E-10	5.0E-03	8.4E-02	9.8E-06	3.4E+01	3.7E+04
Phenylphenol, 2-	90-43-7	1.7E+02	4.3E-05	1.1E-06	2.0E-03	4.2E-02	7.8E-06	6.7E+03	7.0E+02
Phorate	298-02-2	2.6E+02	1.8E-04	4.4E-06	6.4E-04	2.3E-02	5.9E-06	4.6E+02	5.0E+01
Phosgene	75-44-5	9.9E+01	6.8E-01	1.7E-02	1.4E+03	8.9E-02	1.2E-05	1.0E+00	6.8E+03
Phosmet	732-11-6	3.2E+02	3.4E-07	8.4E-09	4.9E-07	4.1E-02	4.8E-06	1.0E+01	2.4E+01
Phosphates, Inorganic									
~Aluminum metaphosphate	13776-88-0	2.6E+02							
~Ammonium polyphosphate	68333-79-9								
~Calcium pyrophosphate	7790-76-3	2.5E+02							
~Diammonium phosphate	7783-28-0	1.3E+02							
~Dicalcium phosphate	7757-93-9	1.4E+02							
~Dimagnesium phosphate	7782-75-4	1.7E+02							
~Dipotassium phosphate	7758-11-4	1.7E+02							
~Disodium phosphate	7558-79-4	1.4E+02							
~Monoaluminum phosphate	13530-50-2	3.2E+02							
~Monoammonium phosphate	7722-76-1	1.2E+02							
~Monocalcium phosphate	7758-23-8	2.3E+02							
~Monomagnesium phosphate	7757-86-0	1.2E+02							
~Monopotassium phosphate	7778-77-0	1.4E+02							
~Monosodium phosphate	7558-80-7	1.2E+02							4.9E+05
~Polyphosphoric acid	8017-16-1	2.6E+02							
~Potassium tripolyphosphate	13845-36-8	4.5E+02							
~Sodium acid pyrophosphate	7758-16-9	2.2E+02							
~Sodium aluminum phosphate (acidic)	7785-88-8	1.4E+02							
~Sodium aluminum phosphate (anhydrous)	10279-59-1								
~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	9.5E+02							
~Sodium hexametaphosphate	10124-56-8	6.1E+02							
~Sodium polyphosphate	68915-31-1	3.6E+02							
~Sodium trimetaphosphate	7785-84-4	3.1E+02							
~Sodium tripolyphosphate	7758-29-4	3.7E+02							
~Tetrapotassium phosphate	7320-34-5	3.3E+02							
~Tetrasodium pyrophosphate	7722-88-5	2.7E+02							8.1E+04
~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	8.9E+02							
~Tricalcium phosphate	7758-87-4	3.1E+02							

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant	CAS No.	Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
			H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)		
Analyte		MW					K _{oc} (L/kg)	S (mg/L)	
~Trimagnesium phosphate	7757-87-1	2.6E+02							
~Tripotassium phosphate	7778-53-2	2.1E+02							
~Trisodium phosphate	7601-54-9	1.6E+02							
Phosphine	7803-51-2	3.4E+01	1.0E+00	2.4E-02	2.9E+04	1.9E-01	2.2E-05	2.6E+05	
Phosphoric Acid	7664-38-2	9.8E+01			3.0E-02			5.5E+06	
Phosphorus, White	7723-14-0	1.2E+02	8.6E-02	2.1E-03	2.5E-02	2.2E-01	2.8E-05	1.1E+03	
Phthalates									
~Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+02	1.1E-05	2.7E-07	1.4E-07	1.7E-02	4.2E-06	1.2E+05	2.7E-01
~Butyl Benzyl Phthalate	85-68-7	3.1E+02	5.2E-05	1.3E-06	8.3E-06	2.1E-02	5.2E-06	7.2E+03	2.7E+00
~Butylphthalyl Butylglycolate	85-70-1	3.4E+02	8.4E-07	2.1E-08	7.1E-06	2.0E-02	4.9E-06	1.1E+04	8.8E+00
~Dibutyl Phthalate	84-74-2	2.8E+02	7.4E-05	1.8E-06	2.0E-05	2.1E-02	5.3E-06	1.2E+03	1.1E+01
~Diethyl Phthalate	84-66-2	2.2E+02	2.5E-05	6.1E-07	2.1E-03	2.6E-02	6.7E-06	1.0E+02	1.1E+03
~Dimethylterephthalate	120-61-6	1.9E+02	5.5E-03	1.3E-04	1.0E-02	2.9E-02	6.7E-06	3.1E+01	1.9E+01
~Octyl Phthalate, di-N-	117-84-0	3.9E+02	1.1E-04	2.6E-06	1.0E-07	3.6E-02	4.2E-06	1.4E+05	2.2E-02
~Phthalic Acid, P-	100-21-0	1.7E+02	1.6E-11	3.9E-13	9.2E-06	4.9E-02	9.0E-06	7.9E+01	1.5E+01
~Phthalic Anhydride	85-44-9	1.5E+02	6.7E-07	1.6E-08	5.2E-04	5.9E-02	9.8E-06	1.0E+01	6.2E+03
Picloram	1918-02-1	2.4E+02	2.2E-12	5.3E-14	7.2E-11	4.9E-02	5.7E-06	3.9E+01	4.3E+02
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	2.0E+02	4.0E-10	9.8E-12	4.2E-07	5.6E-02	6.5E-06	2.3E+02	1.4E+03
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	2.3E+02	7.0E-10	1.7E-11	7.5E-07	3.0E-02	8.2E-06	2.3E+03	1.3E+04
Pirimiphos, Methyl	29232-93-7	3.1E+02	2.9E-05	7.0E-07	1.5E-05	2.2E-02	5.4E-06	3.7E+02	8.6E+00
Polybrominated Biphenyls	59536-65-1								
Polychlorinated Biphenyls (PCBs)									
~Aroclor 1016	12674-11-2	5.5E+02	8.2E-03	2.0E-04	4.0E-04	1.7E-02	4.2E-06	4.8E+04	4.2E-01
~Aroclor 1221	11104-28-2	1.9E+02	9.3E-03	2.3E-04	6.7E-03	3.2E-02	7.2E-06	8.4E+03	1.5E+01
~Aroclor 1232	11141-16-5	1.9E+02	3.0E-02	7.4E-04	4.1E-03	3.3E-02	7.5E-06	8.4E+03	1.5E+00
~Aroclor 1242	53469-21-9	2.9E+02	1.4E-02	3.4E-04	8.6E-05	2.4E-02	6.1E-06	7.8E+04	2.8E-01
~Aroclor 1248	12672-29-6	6.2E+02	1.8E-02	4.4E-04	4.9E-04	1.6E-02	3.9E-06	7.7E+04	1.0E-01
~Aroclor 1254	11097-69-1	3.3E+02	1.2E-02	2.8E-04	7.7E-05	2.4E-02	6.1E-06	1.3E+05	4.3E-02
~Aroclor 1260	11096-82-5	4.0E+02	1.4E-02	3.4E-04	4.1E-05	2.2E-02	5.6E-06	3.5E+05	1.4E-02
~Aroclor 5460	11126-42-4	2.9E+02	5.1E-03	1.3E-04	8.5E-06	2.6E-02	6.8E-06	8.1E+04	5.3E-02
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	4.0E+02	2.1E-03	5.1E-05	1.3E-07	4.2E-02	5.7E-06	3.5E+05	7.5E-04
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.6E+02	2.8E-03	6.9E-05	5.8E-07	4.4E-02	5.9E-06	2.1E+05	2.2E-03
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	3.6E+02	6.6E-03	1.6E-04	5.8E-07	4.4E-02	5.9E-06	2.1E+05	1.6E-03
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	3.6E+02	5.8E-03	1.4E-04	1.6E-06	4.4E-02	5.9E-06	2.1E+05	5.3E-03
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.6E+02	2.8E-03	6.9E-05	5.8E-07	4.4E-02	5.9E-06	2.1E+05	5.1E-04
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.3E+02	7.8E-03	1.9E-04	5.5E-06	4.7E-02	6.1E-06	1.3E+05	1.6E-02
~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	3.3E+02	1.2E-02	2.9E-04	9.0E-06	4.7E-02	6.1E-06	1.3E+05	1.3E-02
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.3E+02	1.2E-02	2.8E-04	6.5E-06	4.7E-02	6.1E-06	1.3E+05	3.4E-03
~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	3.3E+02	3.8E-03	9.2E-05	5.5E-06	4.7E-02	6.1E-06	1.3E+05	1.6E-02
~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.3E+02	7.8E-03	1.9E-04	2.2E-06	4.7E-02	6.1E-06	1.3E+05	7.3E-03
~Polychlorinated Biphenyls (high risk)	1336-36-3	2.9E+02	1.7E-02	4.2E-04	4.9E-04	2.4E-02	6.3E-06	7.8E+04	7.0E-01

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant	Molecular Weight	Volatility Parameters				Diffusivity in Air and Water		Partition Coefficients	Water Solubility
		CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	Dia (cm ² /s)		
~Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	1.7E-02	4.2E-04	4.9E-04	2.4E-02	6.3E-06	7.8E+04	7.0E-01
~Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.9E+02	1.7E-02	4.2E-04	4.9E-04	2.4E-02	6.3E-06	7.8E+04	7.0E-01
~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.9E+02	3.8E-04	9.4E-06	1.6E-05	4.9E-02	5.0E-06	7.8E+04	5.7E-04
~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.9E+02	9.1E-03	2.2E-04	8.5E-06	4.9E-02	6.3E-06	7.8E+04	3.2E-02
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	5.1E+02	5.4E-10	1.3E-11	5.4E-13	3.0E-02	3.5E-06	1.0E+10	1.8E-06
Polynuclear Aromatic Hydrocarbons (PAHs)									
~Acenaphthene	83-32-9	1.5E+02	7.5E-03	1.8E-04	2.2E-03	5.1E-02	8.3E-06	5.0E+03	3.9E+00
~Anthracene	120-12-7	1.8E+02	2.3E-03	5.6E-05	6.5E-06	3.9E-02	7.9E-06	1.6E+04	4.3E-02
~Benz[a]anthracene	56-55-3	2.3E+02	4.9E-04	1.2E-05	2.1E-07	2.6E-02	6.7E-06	1.8E+05	9.4E-03
~Benzo(j)fluoranthene	205-82-3	2.5E+02	8.3E-06	2.0E-07	2.6E-08	4.8E-02	5.6E-06	6.0E+05	2.5E-03
~Benzo[a]pyrene	50-32-8	2.5E+02	1.9E-05	4.6E-07	5.5E-09	4.8E-02	5.6E-06	5.9E+05	1.6E-03
~Benzo[b]fluoranthene	205-99-2	2.5E+02	2.7E-05	6.6E-07	5.0E-07	4.8E-02	5.6E-06	6.0E+05	1.5E-03
~Benzo[k]fluoranthene	207-08-9	2.5E+02	2.4E-05	5.8E-07	9.7E-10	4.8E-02	5.6E-06	5.9E+05	8.0E-04
~Chloronaphthalene, Beta-	91-58-7	1.6E+02	1.3E-02	3.2E-04	1.2E-02	4.5E-02	7.7E-06	2.5E+03	1.2E+01
~Chrysene	218-01-9	2.3E+02	2.1E-04	5.2E-06	6.2E-09	2.6E-02	6.7E-06	1.8E+05	2.0E-03
~Dibenz[a,h]anthracene	53-70-3	2.8E+02	5.8E-06	1.4E-07	9.6E-10	4.5E-02	5.2E-06	1.9E+06	2.5E-03
~Dibenzo(a,e)pyrene	192-65-4	3.0E+02	5.8E-07	1.4E-08	7.0E-11	4.2E-02	4.9E-06	6.5E+06	8.0E-05
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	2.6E+02	1.5E-04	3.8E-06	6.8E-07	4.7E-02	5.5E-06	4.9E+05	6.1E-02
~Fluoranthene	206-44-0	2.0E+02	3.6E-04	8.9E-06	9.2E-06	2.8E-02	7.2E-06	5.5E+04	2.6E-01
~Fluorene	86-73-7	1.7E+02	3.9E-03	9.6E-05	6.0E-04	4.4E-02	7.9E-06	9.2E+03	1.7E+00
~Indeno[1,2,3-cd]pyrene	193-39-5	2.8E+02	1.4E-05	3.5E-07	1.3E-10	4.5E-02	5.2E-06	2.0E+06	1.9E-04
~Methylnaphthalene, 1-	90-12-0	1.4E+02	2.1E-02	5.1E-04	6.7E-02	5.3E-02	7.8E-06	2.5E+03	2.6E+01
~Methylnaphthalene, 2-	91-57-6	1.4E+02	2.1E-02	5.2E-04	5.5E-02	5.2E-02	7.8E-06	2.5E+03	2.5E+01
~Naphthalene	91-20-3	1.3E+02	1.8E-02	4.4E-04	8.5E-02	6.0E-02	8.4E-06	1.5E+03	3.1E+01
~Nitropyrene, 4-	57835-92-4	2.5E+02	1.0E-06	2.5E-08	5.5E-08	4.8E-02	5.6E-06	8.6E+04	6.8E-02
~Pyrene	129-00-0	2.0E+02	4.9E-04	1.2E-05	4.5E-06	2.8E-02	7.2E-06	5.4E+04	1.4E-01
Potassium Perfluorobutane Sulfonate	29420-49-3	3.4E+02			1.1E-08	3.9E-02	4.6E-06	1.8E+02	1.4E+00
Prochloraz	67747-09-5	3.8E+02	6.7E-07	1.6E-08	1.1E-06	3.6E-02	4.3E-06	2.4E+03	3.4E+01
Propyluracil	26399-36-0	3.5E+02	1.2E-02	2.9E-04	6.3E-05	2.2E-02	5.5E-06	3.1E+04	1.0E-01
Prometon	1610-18-0	2.3E+02	3.7E-08	9.1E-10	2.3E-06	5.1E-02	6.0E-06	1.4E+02	7.5E+02
Prometryn	7287-19-6	2.4E+02	4.9E-07	1.2E-08	1.2E-06	2.4E-02	6.2E-06	6.6E+02	3.3E+01
Propachlor	1918-16-7	2.1E+02	1.5E-05	3.6E-07	2.3E-04	2.7E-02	7.0E-06	2.0E+02	5.8E+02
Propanil	709-98-8	2.2E+02	7.0E-08	1.7E-09	9.1E-07	2.7E-02	6.9E-06	1.8E+02	1.5E+02
Propargite	2312-35-8	3.5E+02	2.6E-05	6.4E-07	3.0E-07	1.9E-02	4.8E-06	3.7E+04	2.2E-01
Propargyl Alcohol	107-19-7	5.6E+01	4.7E-05	1.2E-06	1.6E+01	1.2E-01	1.3E-05	1.9E+00	1.0E+06
Propazine	139-40-2	2.3E+02	1.9E-07	4.6E-09	1.3E-07	2.5E-02	6.4E-06	3.4E+02	8.6E+00
Propham	122-42-9	1.8E+02	7.5E-06	1.8E-07	1.4E-04	3.6E-02	7.1E-06	2.2E+02	1.8E+02
Propiconazole	60207-90-1	3.4E+02	7.0E-08	1.7E-09	4.2E-07	2.1E-02	5.3E-06	1.6E+03	1.1E+02
Propionaldehyde	123-38-6	5.8E+01	3.0E-03	7.3E-05	3.2E+02	1.1E-01	1.2E-05	1.0E+00	3.1E+05
Propyl benzene	103-65-1	1.20E+02	4.29E-01	1.05E-02	3.42E+00	6.02E-02	7.83E-06	8.13E+02	5.22E+01
Propylene	115-07-1	4.21E+01	8.01E+00	1.96E-01	8.69E+03	1.10E-01	1.07E-05	2.17E+01	2.00E+02
Propylene Glycol	57-55-6	7.6E+01	5.3E-07	1.3E-08	1.3E-01	9.8E-02	1.2E-05	1.0E+00	1.0E+06

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Propylene Glycol Dinitrate	6423-43-4	1.7E+02	3.9E-05	9.4E-07	3.8E-01	6.3E-02	7.3E-06	6.1E+01	3.3E+03
Propylene Glycol Monomethyl Ether	107-98-2	9.0E+01	3.8E-05	9.2E-07	1.3E+01	8.3E-02	1.0E-05	1.0E+00	1.0E+06
Propylene Oxide	75-56-9	5.8E+01	2.8E-03	7.0E-05	5.4E+02	1.1E-01	1.2E-05	5.2E+00	5.9E+05
Propylamide	23950-58-5	2.6E+02	4.0E-07	9.8E-09	4.4E-07	4.7E-02	5.5E-06	4.0E+02	1.5E+01
Pyridine	110-86-1	7.9E+01	4.5E-04	1.1E-05	2.1E+01	9.3E-02	1.1E-05	7.2E+01	1.0E+06
Quinalphos	13593-03-8	3.0E+02	1.9E-06	4.6E-08	2.6E-06	4.3E-02	5.0E-06	4.2E+03	2.2E+01
Quinoline	91-22-5	1.3E+02	6.8E-05	1.7E-06	6.0E-02	6.2E-02	8.7E-06	1.5E+03	6.1E+03
Quizalofop-ethyl	76578-14-8	3.7E+02	4.3E-07	1.1E-08	6.5E-09	3.7E-02	4.3E-06	7.7E+03	3.0E-01
Refractory Ceramic Fibers	NA								
Resmethrin	10453-86-8	3.4E+02	5.4E-06	1.3E-07	1.1E-08	3.9E-02	4.6E-06	3.1E+05	3.8E-02
Ronnel	299-84-3	3.2E+02	1.3E-03	3.2E-05	7.5E-05	2.3E-02	5.9E-06	4.5E+03	1.0E+00
Rotenone	83-79-4	3.9E+02	4.6E-12	1.1E-13	6.9E-10	3.5E-02	4.1E-06	2.6E+05	2.0E-01
Safrole	94-59-7	1.6E+02	3.7E-04	9.1E-06	6.2E-02	4.4E-02	7.6E-06	2.1E+02	1.2E+02
Selenious Acid	7783-00-8	1.3E+02							9.0E+05
Selenium	7782-49-2	7.9E+01			1.4E-10				
Selenium Sulfide	7446-34-6	1.1E+02							
Sethoxydim	74051-80-2	3.3E+02	8.8E-10	2.2E-11	1.6E-07	2.0E-02	4.8E-06	4.4E+03	2.5E+01
Silica (crystalline, respirable)	7631-86-9	6.0E+01							
Silver	7440-22-4	1.1E+02			0.0E+00				
Simazine	122-34-9	2.0E+02	3.9E-08	9.4E-10	2.2E-08	2.8E-02	7.4E-06	1.5E+02	6.2E+00
Sodium Acifluorfen	62476-59-9	3.8E+02	2.5E-09	6.1E-11	9.8E-09	3.6E-02	4.2E-06	3.9E+03	2.5E+05
Sodium Azide	26628-22-8	6.5E+01							4.1E+05
Sodium Dichromate	10588-01-9	2.6E+02							1.9E+06
Sodium Diethyldithiocarbamate	148-18-5	1.7E+02			8.2E-10	6.1E-02	7.2E-06	2.0E+02	3.6E+05
Sodium Fluoride	7681-49-4	4.2E+01			0.0E+00				4.2E+04
Sodium Fluoroacetate	62-74-8	1.0E+02	4.5E-05	1.1E-06	6.5E-07	8.8E-02	1.0E-05	1.4E+00	1.1E+06
Sodium Metavanadate	13718-26-8	1.2E+02							2.1E+05
Sodium Tungstate	13472-45-2	2.9E+02							7.4E+05
Sodium Tungstate Dihydrate	10213-10-2	3.3E+02							7.4E+05
Stirofos (Tetrachlorovinphos)	961-11-5	3.7E+02	7.5E-08	1.8E-09	4.2E-08	3.7E-02	4.3E-06	1.4E+03	1.1E+01
Strontium Chromate	7789-06-2	2.0E+02							1.1E+03
Strontium, Stable	7440-24-6	8.8E+01							
Strychnine	57-24-9	3.3E+02	3.1E-12	7.6E-14	2.9E-09	2.2E-02	5.6E-06	5.4E+03	1.6E+02
Styrene	100-42-5	1.04E+02	1.12E-01	2.75E-03	6.40E+00	7.11E-02	8.78E-06	4.46E+02	3.10E+02
Styrene-Acrylonitrile (SAN) Trimer	NA	2.1E+02				2.6E-02	6.5E-06		8.5E+01
Sulfolane	126-33-0	1.2E+02	2.0E-04	4.9E-06	4.1E-03	7.2E-02	9.9E-06	9.1E+00	1.0E+06
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	2.9E+02	5.6E-06	1.4E-07	8.1E-07	4.4E-02	5.1E-06	2.9E+03	2.4E+00
Sulfur Trioxide	7446-11-9	8.0E+01			2.6E+02	1.2E-01	1.6E-05		
Sulfuric Acid	7664-93-9	9.8E+01			5.9E-05				1.0E+06
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3.3E+02	7.8E-06	1.9E-07	2.2E-07	2.0E-02	5.0E-06	5.6E+03	5.9E-01
TCMTB	21564-17-0	2.4E+02	2.7E-10	6.5E-12	3.1E-07	4.9E-02	5.8E-06	3.4E+03	1.3E+02

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm·m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Tebuthiuron	34014-18-1	2.3E+02	4.9E-09	1.2E-10	3.0E-07	5.1E-02	5.9E-06	4.2E+01	2.5E+03
Temephos	3383-96-8	4.7E+02	8.0E-08	2.0E-09	7.9E-08	1.8E-02	4.5E-06	9.5E+04	2.7E-01
Terbacil	5902-51-2	2.2E+02	4.9E-09	1.2E-10	4.7E-07	2.7E-02	7.2E-06	5.0E+01	7.1E+02
Terbufos	13071-79-9	2.9E+02	9.8E-04	2.4E-05	3.2E-04	2.2E-02	5.4E-06	1.0E+03	5.1E+00
Terbutryn	886-50-0	2.4E+02	8.8E-07	2.2E-08	1.7E-06	2.4E-02	6.0E-06	6.1E+02	2.5E+01
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	4.9E+02	1.2E-04	3.0E-06	7.0E-08	3.1E-02	3.6E-06	1.3E+04	1.5E-03
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.2E+02	4.1E-02	1.0E-03	5.4E-03	3.2E-02	8.8E-06	2.2E+03	6.0E-01
Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+02	1.0E-01	2.5E-03	1.2E+01	4.8E-02	9.1E-06	8.6E+01	1.1E+03
Tetrachloroethane, 1,1,2,2-	79-34-5	1.7E+02	1.5E-02	3.7E-04	4.6E+00	4.9E-02	9.3E-06	9.5E+01	2.8E+03
Tetrachloroethylene	127-18-4	1.66E+02	7.24E-01	1.77E-02	1.85E+01	5.05E-02	9.46E-06	9.49E+01	2.06E+02
Tetrachlorophenol, 2,3,4,6-	58-90-2	2.3E+02	3.6E-04	8.8E-06	6.7E-04	5.0E-02	5.9E-06	2.8E+02	2.3E+01
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.3E+02	7.9E-03	1.9E-04	3.8E-02	2.8E-02	7.3E-06	1.6E+03	4.0E+00
Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+02	1.8E-04	4.5E-06	1.1E-04	2.1E-02	5.3E-06	2.7E+02	3.0E+01
Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+02	2.0E+00	5.0E-02	5.0E+03	8.2E-02	1.1E-05	8.6E+01	2.0E+03
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	2.9E+02	1.1E-07	2.7E-09	5.7E-08	2.6E-02	6.7E-06	4.6E+03	7.4E+01
Thallic Oxide	1314-32-5	4.6E+02							
Thallium (I) Nitrate	10102-45-1	2.7E+02							9.6E+04
Thallium (Soluble Salts)	7440-28-0	2.1E+02							
Thallium Acetate	563-68-8	2.6E+02			1.5E+01	3.9E-02	1.2E-05	1.5E+00	2.8E+04
Thallium Carbonate	6533-73-9	4.7E+02			5.8E+00	3.9E-02	1.2E-05	2.9E+00	5.2E+04
Thallium Chloride	7791-12-0	2.4E+02				5.2E-02	1.8E-05		2.9E+03
Thallium Selenite	12039-52-0	2.8E+02							
Thallium Sulfate	7446-18-6	5.0E+02							5.5E+04
Thifensulfuron-methyl	79277-27-3	3.9E+02	1.7E-12	4.1E-14	1.3E-10	3.6E-02	4.2E-06	5.1E+01	2.2E+03
Thiobencarb	28249-77-6	2.6E+02	1.1E-05	2.7E-07	2.2E-05	2.3E-02	5.9E-06	1.6E+03	2.8E+01
Thiodiglycol	111-48-8	1.2E+02	7.6E-08	1.9E-09	3.2E-03	6.8E-02	9.4E-06	1.0E+00	1.0E+06
Thiofanox	39196-18-4	2.2E+02	3.8E-07	9.4E-09	1.7E-04	5.2E-02	6.1E-06	7.2E+01	5.2E+03
Thiophanate, Methyl	23564-05-8	3.4E+02	4.9E-08	1.2E-09	7.1E-08	3.9E-02	4.5E-06	3.3E+02	2.7E+01
Thiram	137-26-8	2.4E+02	7.4E-06	1.8E-07	1.7E-05	2.6E-02	6.6E-06	6.1E+02	3.0E+01
Tin	7440-31-5	1.2E+02			0.0E+00				
Titanium Tetrachloride	7550-45-0	1.9E+02			1.0E+01	3.8E-02	9.1E-06		
Toluene	108-88-3	9.2E+01	2.7E-01	6.6E-03	2.8E+01	7.8E-02	9.2E-06	2.3E+02	5.3E+02
Toluene-2,4-diisocyanate	584-84-9	1.7E+02	4.5E-04	1.1E-05	8.0E-03	4.0E-02	7.8E-06	7.4E+03	3.8E+01
Toluene-2,5-diamine	95-70-5	1.2E+02	3.0E-07	7.4E-09	3.4E-03	7.7E-02	9.0E-06	5.5E+01	7.7E+04
Toluene-2,6-diisocyanate	91-08-7	1.7E+02	4.5E-04	1.1E-05	2.1E-02	6.1E-02	7.1E-06	7.6E+03	3.8E+01
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.1E+02	8.1E-05	2.0E-06	2.6E-01	7.2E-02	9.2E-06	1.2E+02	1.7E+04
Toluidine, p-	106-49-0	1.1E+02	8.3E-05	2.0E-06	2.9E-01	7.1E-02	9.0E-06	1.1E+02	6.5E+03
Total Petroleum Hydrocarbons (Aliphatic High)	NA	1.7E+02	3.3E+02	8.2E+00	1.4E-01	6.2E-02	7.2E-06	4.8E+03	3.7E-03
Total Petroleum Hydrocarbons (Aliphatic Low)	NA	8.6E+01	7.4E+01	1.8E+00	1.5E+02	7.3E-02	8.2E-06	1.3E+02	9.5E+00
Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	1.3E+02	1.4E+02	3.4E+00	4.5E+00	5.1E-02	6.8E-06	8.0E+02	2.2E-01
Total Petroleum Hydrocarbons (Aromatic High)	NA	2.0E+02	3.6E-04	8.9E-06	9.2E-06	2.8E-02	7.2E-06	5.5E+04	2.6E-01
Total Petroleum Hydrocarbons (Aromatic Low)	NA	7.8E+01	2.3E-01	5.6E-03	9.5E+01	9.0E-02	1.0E-05	1.5E+02	1.8E+03

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H ^v (unitless)	HLC (atm·m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.4E+02	2.0E-02	4.8E-04	7.0E-02	5.6E-02	8.1E-06	2.0E+03	2.8E+01
Toxaphene	8001-35-2	4.5E+02	2.5E-04	6.0E-06	6.7E-06	3.2E-02	3.8E-06	7.7E+04	5.5E-01
Tralomethrin	66841-25-6	6.7E+02	1.6E-08	3.9E-10	3.6E-11	2.5E-02	2.9E-06	1.9E+05	8.0E-02
Tri-n-butyltin	688-73-3	2.9E+02	6.2E+01	1.5E+00	4.0E-02	2.1E-02	5.4E-06	8.1E+03	7.3E-03
Triacetin	102-76-1	2.2E+02	5.0E-07	1.2E-08	2.5E-03	2.6E-02	6.6E-06	4.1E+01	5.8E+04
Triadimefon	43121-43-3	2.9E+02	3.3E-09	8.1E-11	1.5E-08	2.2E-02	5.7E-06	3.0E+02	7.2E+01
Triallate	2303-17-5	3.0E+02	4.9E-04	1.2E-05	1.2E-04	2.2E-02	5.7E-06	1.0E+03	4.0E+00
Triasulfuron	82097-50-5	4.0E+02	1.3E-11	3.2E-13	5.5E-12	3.5E-02	4.1E-06	4.3E+02	3.2E+01
Tribenuron-methyl	101200-48-0	4.0E+02	4.2E-12	1.0E-13	3.9E-10	3.5E-02	4.1E-06	9.5E+01	5.0E+01
Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	1.4E-02	3.4E-04	5.5E-03	2.9E-02	7.9E-06	6.1E+02	4.9E+00
Tributyl Phosphate	126-73-8	2.7E+02	5.8E-05	1.4E-06	1.1E-03	2.1E-02	5.2E-06	2.4E+03	2.8E+02
Tributyltin Compounds	NA								
Tributyltin Oxide	56-35-9	6.0E+02	1.2E-05	3.0E-07	7.5E-06	1.5E-02	3.6E-06	2.6E+07	2.0E+01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	1.9E+02	2.2E+01	5.3E-01	3.6E+02	3.8E-02	8.6E-06	2.0E+02	1.7E+02
Trichloroacetic Acid	76-03-9	1.6E+02	5.5E-07	1.4E-08	6.0E-02	5.2E-02	9.5E-06	3.2E+00	5.5E+04
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.3E+02	2.9E-12	7.2E-14	6.1E-08	5.0E-02	5.9E-06	1.3E+03	2.1E+01
Trichloroaniline, 2,4,6-	634-93-5	2.0E+02	5.5E-05	1.3E-06	4.4E-03	5.6E-02	6.6E-06	4.4E+03	4.0E+01
Trichlorobenzene, 1,2,3-	87-61-6	1.8E+02	5.1E-02	1.3E-03	2.1E-01	4.0E-02	8.4E-06	1.4E+03	1.8E+01
Trichlorobenzene, 1,2,4-	120-82-1	1.8E+02	5.8E-02	1.4E-03	4.6E-01	4.0E-02	8.4E-06	1.4E+03	4.9E+01
Trichloroethane, 1,1,1-	71-55-6	1.3E+02	7.0E-01	1.7E-02	1.2E+02	6.5E-02	9.6E-06	4.4E+01	1.3E+03
Trichloroethane, 1,1,2-	79-00-5	1.3E+02	3.4E-02	8.2E-04	2.3E+01	6.7E-02	1.0E-05	6.1E+01	4.6E+03
Trichloroethylene	79-01-6	1.31E+02	4.03E-01	9.85E-03	6.90E+01	6.87E-02	1.02E-05	6.07E+01	1.28E+03
Trichlorofluoromethane	75-69-4	1.4E+02	4.0E+00	9.7E-02	8.0E+02	6.5E-02	1.0E-05	4.4E+01	1.1E+03
Trichlorophenol, 2,4,5-	95-95-4	2.0E+02	6.6E-05	1.6E-06	7.5E-03	3.1E-02	8.1E-06	1.6E+03	1.2E+03
Trichlorophenol, 2,4,6-	88-06-2	2.0E+02	1.1E-04	2.6E-06	8.0E-03	3.1E-02	8.1E-06	3.8E+02	8.0E+02
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	2.6E+02	3.5E-07	8.7E-09	3.8E-05	2.9E-02	7.8E-06	1.1E+02	2.8E+02
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	2.7E+02	3.7E-07	9.1E-09	1.0E-05	2.3E-02	5.9E-06	1.8E+02	7.1E+01
Trichloropropane, 1,1,2-	598-77-6	1.5E+02	1.3E-02	3.2E-04	3.1E+00	5.7E-02	9.2E-06	9.5E+01	1.9E+03
Trichloropropane, 1,2,3-	96-18-4	1.5E+02	1.4E-02	3.4E-04	3.7E+00	5.7E-02	9.2E-06	1.2E+02	1.8E+03
Trichloropropene, 1,2,3-	96-19-5	1.5E+02	7.2E-01	1.8E-02	4.4E+00	5.9E-02	9.4E-06	1.2E+02	3.3E+02
Tricresyl Phosphate (TCP)	1330-78-5	3.7E+02	3.3E-05	8.1E-07	6.0E-07	1.9E-02	4.8E-06	4.7E+04	3.6E-01
Tridiphane	58138-08-2	3.2E+02	1.7E-05	4.1E-07	3.9E-04	4.1E-02	4.7E-06	3.4E+03	1.1E+00
Triethylamine	121-44-8	1.0E+02	6.1E-03	1.5E-04	5.7E+01	6.6E-02	7.9E-06	5.1E+01	6.9E+04
Triethylene Glycol	112-27-6	1.5E+02	1.3E-09	3.2E-11	1.3E-03	5.1E-02	8.1E-06	1.0E+01	1.0E+06
Trifluoroethane, 1,1,1-	420-46-2	8.4E+01	3.1E+01	7.7E-01	9.5E+03	9.9E-02	1.2E-05	4.4E+01	7.6E+02
Trifluralin	1582-09-8	3.4E+02	4.2E-03	1.0E-04	4.6E-05	2.2E-02	5.6E-06	1.6E+04	1.8E-01
Trimethyl Phosphate	512-56-1	1.4E+02	2.9E-07	7.2E-09	8.5E-01	5.8E-02	8.8E-06	1.1E+01	5.0E+05
Trimethylbenzene, 1,2,3-	526-73-8	1.2E+02	1.8E-01	4.4E-03	1.7E+00	6.1E-02	8.0E-06	6.3E+02	7.5E+01
Trimethylbenzene, 1,2,4-	95-63-6	1.20E+02	2.52E-01	6.16E-03	2.10E+00	6.07E-02	7.92E-06	6.14E+02	5.70E+01
Trimethylbenzene, 1,3,5-	108-67-8	1.2E+02	3.6E-01	8.8E-03	2.5E+00	6.0E-02	7.8E-06	6.0E+02	4.8E+01
Trimethylpentene, 2,4,4-	25167-70-8	1.1E+02	3.0E+01	7.5E-01	7.1E+01	6.0E-02	7.3E-06	2.4E+02	4.0E+00
Trinitrobenzene, 1,3,5-	99-35-4	2.1E+02	2.7E-07	6.5E-09	6.4E-06	2.9E-02	7.7E-06	1.7E+03	2.8E+02

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016

Contaminant		Molecular Weight	Volatility Parameters			Diffusivity in Air and Water		Partition Coefficients	Water Solubility
Analyte	CAS No.	MW	H [*] (unitless)	HLC (atm-m ³ /mole)	VP	D _{ia} (cm ² /s)	D _{iw} (cm ² /s)	K _{oc} (L/kg)	S (mg/L)
Trinitrotoluene, 2,4,6-	118-96-7	2.3E+02	8.5E-07	2.1E-08	8.0E-06	3.0E-02	7.9E-06	2.8E+03	1.2E+02
Triphenylphosphine Oxide	791-28-6	2.8E+02	2.2E-08	5.3E-10	2.6E-09	2.3E-02	5.8E-06	2.0E+03	6.3E+01
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	4.3E+02	1.1E-07	2.6E-09	7.4E-08	3.3E-02	3.9E-06	1.1E+04	7.0E+00
Tris(1-chloro-2-propyl)phosphate	13674-84-5	3.3E+02	2.4E-06	6.0E-08	2.0E-05	4.0E-02	4.7E-06	1.6E+03	1.2E+03
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	8.9E-04	2.2E-05	1.9E-04	1.9E-02	4.9E-06	9.7E+03	8.0E+00
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	1.3E-04	3.3E-06	6.1E-02	2.4E-02	6.2E-06	3.9E+02	7.0E+03
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	3.2E-06	7.9E-08	8.3E-08	1.6E-02	3.9E-06	2.5E+06	6.0E-01
Tungsten	7440-33-7	1.8E+02			0.0E+00				
Uranium (Soluble Salts)	NA	2.4E+02			0.0E+00				
Urethane	51-79-6	8.9E+01	2.6E-06	6.4E-08	2.6E-01	8.5E-02	1.0E-05	1.2E+01	4.8E+05
Vanadium Pentoxide	1314-62-1	1.8E+02			0.0E+00				7.0E+02
Vanadium and Compounds	7440-62-2	5.1E+01							
Vernolate	1929-77-7	2.0E+02	1.3E-03	3.1E-05	1.0E-02	2.4E-02	6.1E-06	3.0E+02	9.0E+01
Vinclozolin	50471-44-8	2.9E+02	7.1E-07	1.7E-08	1.2E-07	2.5E-02	6.5E-06	2.8E+02	2.6E+00
Vinyl Acetate	108-05-4	8.6E+01	2.1E-02	5.1E-04	9.0E+01	8.5E-02	1.0E-05	5.6E+00	2.0E+04
Vinyl Bromide	593-60-2	1.1E+02	5.0E-01	1.2E-02	1.0E+03	8.6E-02	1.2E-05	2.2E+01	7.6E+03
Vinyl Chloride	75-01-4	6.2E+01	1.1E+00	2.8E-02	3.0E+03	1.1E-01	1.2E-05	2.2E+01	8.8E+03
Warfarin	81-81-2	3.1E+02	1.1E-07	2.8E-09	1.2E-07	4.2E-02	4.9E-06	4.3E+02	1.7E+01
Xylene, P-	106-42-3	1.06E+02	2.82E-01	6.90E-03	8.84E+00	6.82E-02	8.42E-06	3.75E+02	1.62E+02
Xylene, m-	108-38-3	1.06E+02	2.94E-01	7.18E-03	8.29E+00	6.84E-02	8.44E-06	3.75E+02	1.61E+02
Xylene, o-	95-47-6	1.06E+02	2.12E-01	5.18E-03	6.61E+00	6.89E-02	8.53E-06	3.83E+02	1.78E+02
Xylenes	1330-20-7	1.1E+02	2.7E-01	6.6E-03	8.0E+00	6.9E-02	8.5E-06	3.8E+02	1.1E+02
Zinc Phosphide	1314-84-7	2.6E+02							
Zinc and Compounds	7440-66-6	6.5E+01							
Zineb	12122-67-7	2.8E+02	1.1E-07	2.7E-09	7.5E-08	4.5E-02	5.2E-06	1.3E+03	1.0E+01
Zirconium	7440-67-7	9.1E+01			0.0E+00				

Reference: Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table May 2016
https://19january2017snapshot.epa.gov/sites/production/files/2016-10/params_sl_table_run_may2016.xls

**APPENDIX 2-B, TABLE 4
INDUSTRIAL AIR CALCULATIONS (CONSTRUCTION WORKER)**

Site-specific

Outdoor Worker Equation Inputs for Air

Variable	Value
TR (target cancer risk) unitless	0.000001
THQ (target hazard quotient) unitless	1
ATow (averaging time - outdoor worker)	365
EFow (exposure frequency - outdoor worker) day/yr	30
EDow (exposure duration - outdoor worker) yr	1
ETow (exposure time - outdoor worker) hr	8
LT (lifetime) yr	70

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Site-specific

Outdoor Worker Screening Levels (RSL) for Air

ca=Cancer, nc=Noncancer, ca* (Where nc SL < 100 x ca SL),
ca** (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,
Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide),
Ssat=Soil inhalation SL exceeds csat and has been substituted with the csat

Chemical	CAS Number	Mutagen?	VOC?	Inhalation Unit Risk (ug/m ³) ⁻¹	IUR Ref	Subchronic RfC (mg/m ³)	Subchronic RfC Ref	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL THI=1 (ug/m ³)	Screening Level (ug/m ³)
Benzene	71-43-2	No	Yes	7.80E-06	I	8.00E-02	P	3.28E+02	2.92E+03	3.28E+02 ca**
Carbon Disulfide	75-15-0	No	Yes	-	-	7.00E-01	H	-	2.56E+04	2.56E+04 nc
Cumene	98-82-8	No	Yes	-	-	9.00E-02	H	-	3.29E+03	3.29E+03 nc
Cyclohexane	110-82-7	No	Yes	-	-	1.80E+01	P	-	6.57E+05	6.57E+05 nc
Ethylbenzene	100-41-4	No	Yes	2.50E-06	C	9.00E+00	P	1.02E+03	3.29E+05	1.02E+03 ca
Tetrahydrofuran	109-99-9	No	Yes	-	-	2.00E+00	I	-	7.30E+04	7.30E+04 nc
Hexane, N-	110-54-3	No	Yes	-	-	2.00E+00	P	-	7.30E+04	7.30E+04 nc
Hexanone, 2-	591-78-6	No	Yes	-	-	3.00E-02	I	-	1.10E+03	1.10E+03 nc
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	No	Yes	-	-	8.00E-01	H	-	2.92E+04	2.92E+04 nc
Naphthalene	91-20-3	No	Yes	3.40E-05	C	3.00E-03	CI	7.51E+01	1.10E+02	7.51E+01 ca**
Propyl benzene	103-65-1	No	Yes	-	-	1.00E+00	S	-	3.65E+04	3.65E+04 nc
Propylene	115-07-1	No	Yes	-	-	3.00E+00	C	-	1.10E+05	1.10E+05 nc
Styrene	100-42-5	No	Yes	-	-	3.00E+00	H	-	1.10E+05	1.10E+05 nc
Toluene	108-88-3	No	Yes	-	-	5.00E+00	P	-	1.83E+05	1.83E+05 nc
Trimethylbenzene, 1,2,4-	95-63-6	No	Yes	-	-	7.00E-02	P	-	2.56E+03	2.56E+03 nc
Trimethylbenzene, 1,3,5-	108-67-8	No	Yes	-	-	1.00E-02	P	-	3.65E+02	3.65E+02 nc
Xylene, P-	106-42-3	No	Yes	-	-	1.00E-01	S	-	3.65E+03	3.65E+03 nc
Xylene, m-	108-38-3	No	Yes	-	-	1.00E-01	S	-	3.65E+03	3.65E+03 nc
Xylene, o-	95-47-6	No	Yes	-	-	1.00E-01	S	-	3.65E+03	3.65E+03 nc

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