

<u>Via E-Mail</u>

January 9, 2018

NC DEQ - DWR 1636 Mail Service Center Raleigh, NC 27699-1636

Attention: Ms. Shristi Rajbhandari Shrestha

Re: UIC Permit Injection Event Record and Status Update – WI0500883 Former ATL Site No. 48 Pittsboro, North Carolina <u>H&H Job No. DOT-515</u>

Dear Shristi:

On behalf of the North Carolina Dept. of Transportation (NCDOT), Hart and Hickman, PC (H&H) is submitting the attached injection event record for the injection of Pepsi Bottling Ventures' (PBV) Beverage Remediation Product (BRP) on December 11 through 13, 2017 at the former Asphalt Testing Laboratory No. 48 in Pittsboro, North Carolina. Per the approved Underground Injection Control (UIC) permit application, 4,905 gallons of dilute BRP was injected into seven injection wells (BR-IW1 through BR-IW6 and RW-1) to enhance the biodegradation of trichloroethene, 1,1,1-trichlorethane, and their degradation products.

To prepare for injection, two approximately 2,500-gallon batches of BRP were prepared in an onsite mixing tank. The batches were prepared from three 300-gallon totes of concentrated syrup. The BRP was diluted to the total volume using an onsite potable water supply well (48PW-2). Approximately 1,100 pounds of sodium bicarbonate and 100 pounds sodium hexametaphosphate were mixed with the BRP in each batch to add buffering capacity and support the growth of biomass within the aquifer, respectively.

Prior to the addition of sodium bicarbonate and sodium hexametaphosphate, a sample was collected from each batch of the BRP and analyzed for total organic carbon (TOC) and density. The analytical laboratory report is attached. The first batch of BRP contained 48.2 g/L of TOC at a density of 1.042 g/mL and the second batch of BRP contained 43.0 g/L of TOC at a density of 1.058 g/mL. To extrapolate the approximate concentration of high fructose corn syrup (HFCS) from the TOC concentration, the average TOC concentration was multiplied by the molecular weight of fructose (180 g/mole) divided by the molecular weight of carbon in fructose (72 g/mole). As a result, the average HFCS concentration was determined to be approximately 114 g/L.

According to the monitoring plan in the approved UIC permit application, performance monitoring was completed one month following the first injection event followed by four quarterly monitoring events. This was the second bedrock injection under the permit. The first injection occurred in October 2017, and the first monitoring event occurred November 2017. The next monitoring event is scheduled to occur in January 2018.

3334 Hillsborough Street Raleigh, NC 27607 919.847.4241 main Ms. Shristi Rajbhandari Shrestha January 9, 2018 Page 2

If you have any questions or need further information, please do not hesitate to contact us at 704-586-0007.

Sincerely,

Hart & Hickman, PC

Gregory Kmellis

Greg Kanellis, PE Senior Project Engineer

Matthembutt

Matt Bramblett, PE Principal

Attachment: Injection Event Record Laboratory Analytical Reports

Enclosure

cc: Ms. Stephanie Grubbs, NC DEQ (via email) Mr. Jason Prosser, NCDOT (via email) Mr. Brian Gurganus, S.T. Wooten Corp. (via email) Mr. Layton Long, Chatham County Health Dept. (via email) Ms. Anne Lowry, Chatham County Health Dept. (via email)



North Carolina Department of Environmental Quality – Division of Water Resources <u>INJECTION EVENT RECORD (IER)</u>

Permit Number	WI0500883
1. Permit Information North Carolina Department of Transportation <u>Attn: Jason Prosser, PG</u> Permittee S.T. Wooten Asphalt Plant <u>Former ATL Site 048</u> Facility Name 240 Sugar Lake Road <u>Pittsboro, Chatham County NC 27312</u> Facility Address (include County)	Were any wells abandoned during this injection event? Yes Yes If yes, please provide the following information: Number of Monitoring Wells Number of Injection Wells Please include a copy of the GW-30 for each well abandoned.
2. Injection Contractor Information Hart & Hickman, P.C	 4. Injectant Information Beverage Remediation Product (BRP) Injectant(s) Type 114 g/L of high fructose corn syrup 54 g/L of Na-bicarbonate Concentration 4.9 g/L of Na-hexametaphosphate If the injectant is diluted please indicate the source dilution fluid.Potable well onsite (analyses attached) Total Volume Injected (gal) 4,905 gal
3. Well Information Number of wells used for injection _7 injection wells Well IDs <u>BR-IW1 through BR-IW6 and RW-1</u> Were any new wells installed during this injection event? Yes Yes No If yes, please provide the following information: Number of Monitoring Wells Number of Injection Wells Type of Well Installed (Check applicable type): Bored Drilled Drilled Direct-Push Hand-Augured Other (specify)	Volume Injected per well (gal) 714 gallons (BR-IW1 through BR-IW5, RW-1), 621 gallons (BR-IW6) 5. Injection History Injection date(s)12/11-13/2017 Injection number (e.g. 3 of 5) _2 nd bedrock injection Is this the last injection at this site? \Box Yes I DO HEREBY CERTIFY THAT ALL THE INFORMATION ON THIS FORM IS CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT THE INJECTION WAS PERFORMED WITHIN THE STANDARDS LAID OUT IN THE PERMIT. $Magay Kmellic$
Please include a copy of the <u>GW-1 form f</u> or each well installed.	SIGNATURE OF INJECTION CONTRACTOR DATE <u>Greg Kanellis</u> <u>PRINT NAME OF PERSON PERFORMING THE INJECTION</u>



ANALYTICAL RESULTS

Project: DOT PITTSBORO 34613.3.13

Pace Project No.: 92342907

Parameters Results Units Report Limit DF Prepared Analyzed CAS No. Quit B220 MSV Low Level Analytical Method: EPA 8260 Analytical Method: EPA 8260 <	Sample: 48 PW-2	Lab ID: 9234	42907019	Collected: 06/02/2	17 10:25	Received: 0	06/02/17 15:50 N	Aatrix: Water	
Acetone ND ug/L 25.0 1 06/06/17 06:07 67-84-1 Benzene ND ug/L 1.0 1 06/06/17 06:07 71-43-2 Bromochorzene ND ug/L 1.0 1 06/06/17 06:07 76-84-1 Bromochorzene ND ug/L 1.0 1 06/06/17 06:07 75-27-4 Bromochorzene ND ug/L 2.0 1 06/06/17 06:07 75-27-4 Bromomethane ND ug/L 2.0 1 06/06/17 06:07 76-93-3 Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 76-03-3 Chlorotentane ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Chlorotentane ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Chlorotentane ND ug/L 1.0 1 06/06/17 06:07 <th>Parameters</th> <th>Results</th> <th>Units</th> <th>Report Limit</th> <th>DF</th> <th>Prepared</th> <th>Analyzed</th> <th>CAS No.</th> <th>Qual</th>	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 124-48-1 1,2-Dibromoethane (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 541-73-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 isis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-87-5 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 76-87-5 1,2-Dichloropropane ND ug/L <td>4-Chlorotoluene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>106-43-4</td> <td></td>	4-Chlorotoluene	ND	ug/L	1.0	1		06/06/17 06:07	106-43-4	
1.2-Dibromoethane (EDB) ND ug/L 1.0 1 06/06/17 06:07 106-93-4 Dibromomethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 55-0-1 1.3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-31-1 1.4-Dichlorobetnzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-87-5 1,2-Dichloroptnene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 74-87-5 1,3-Dichloropropane	1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/06/17 06:07	96-12-8	
Dibromomethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 55-5-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 55-50-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L	Dibromochloromethane	ND	ug/L	1.0	1		06/06/17 06:07	124-48-1	
1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 95-50-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 541-73-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,1-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloropthene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 742-28-9 2,2-Dichloropropane	1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/17 06:07	106-93-4	
1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 541-73-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 106-46-7 Dichlorodifluoromethane ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-42-0-7 1,1-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 584-20-7 1,1-Dichloropropane<	Dibromomethane	ND	ug/L	1.0	1		06/06/17 06:07	74-95-3	
1,4-DichlorobenzeneNDug/L1.0106/06/17 06:07106-46-7DichlorodifluoromethaneNDug/L1.0106/06/17 06:0775-71-81,1-DichloroethaneNDug/L1.0106/06/17 06:0775-34-31,2-DichloroethaneNDug/L1.0106/06/17 06:0775-35-4(si-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-35-4(si-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-65-2trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloroptopeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloroptopeneNDug/L1.0106/06/17 06:0710081-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710081-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710081-02-6Disopropyl etherNDug/L1.0106/06/17 06:07108-10-1Hexachoro-1,3-butadieneNDug/L </td <td>1,2-Dichlorobenzene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>95-50-1</td> <td></td>	1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	95-50-1	
Dichlorodiffuoromethane ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropene ND ug/L 1.0 1 06/06/17 06:07 70-94-20-7 1,1-Dichloropropene ND ug/L </td <td>1,3-Dichlorobenzene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>541-73-1</td> <td></td>	1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	541-73-1	
1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,1-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 trans-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloropthene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopene ND ug/L 1.0 1 06/06/17 06:07 584-20-7 1,1-Dichloroptopene ND ug/L 1.0 1 06/06/17 06:07 10061-01-5 trans-1,3-Dichloroptopene ND ug/L 1.0 1 06/06/17 06:07 10061-01-5 Disopto	1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	106-46-7	
1,2-DichloroethaneNDug/L1.0106/06/17 06:07107-06-21,1-DichloroethaneNDug/L1.0106/06/17 06:0775-35-4cis-1,2-DichloroethaneNDug/L1.0106/06/17 06:07156-59-2trans-1,2-DichloroethaneNDug/L1.0106/06/17 06:07156-60-51,2-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-52,2-DichloroptopaneNDug/L1.0106/06/17 06:07584-28-92,2-DichloroptopaneNDug/L1.0106/06/17 06:07584-28-92,2-DichloroptopaneNDug/L1.0106/06/17 06:07584-28-92,2-DichloroptopaneNDug/L1.0106/06/17 06:0710061-01-51,1-DichloroptopeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0799-87-6P-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L </td <td>Dichlorodifluoromethane</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>75-71-8</td> <td></td>	Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/17 06:07	75-71-8	
1,1-DichloroetheneNDug/L1.0106/06/17 06:0775-35-4cis-1,2-DichloroetheneNDug/L1.0106/06/17 06:07156-59-2trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-85-41,2-DichloropropaneNDug/L1.0106/06/17 06:0775-85-51,3-DichloropropaneNDug/L1.0106/06/17 06:07742-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6HybenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0799-87-6P-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Hexthyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-2-pentanone (MIBK)ND<	1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	75-34-3	
1,1-DichloroetheneNDug/L1.0106/06/17 06:0775-35-4cis-1,2-DichloroetheneNDug/L1.0106/06/17 06:07156-59-2trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-85-41,2-DichloropropaneNDug/L1.0106/06/17 06:0775-85-51,3-DichloropropaneNDug/L1.0106/06/17 06:07742-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6HybenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0799-87-6P-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Hexthyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-2-pentanone (MIBK)ND<	1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	107-06-2	
trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:07156-60-51,2-DichloropropaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloropropaneNDug/L1.0106/06/17 06:07142-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropaneNDug/L1.0106/06/17 06:07503-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:07100-1-2-6Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07591-78-62-HexanoneNDug/L1.0106/06/17 06:07591-78-6P-IsopropyltolueneNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.01 <td>1,1-Dichloroethene</td> <td>ND</td> <td></td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>75-35-4</td> <td></td>	1,1-Dichloroethene	ND		1.0	1		06/06/17 06:07	75-35-4	
1,2-DichloropropaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloropropaneNDug/L1.0106/06/17 06:07142-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:07108-20-3EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07591-78-6p-lsopropyltolueneNDug/L5.0106/06/17 06:07591-78-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0<	cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/17 06:07	156-59-2	
1,3-DichloropropaneNDug/L1.0106/06/17 06:07142-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07591-78-62-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-lsopropyltolueneNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:071634-04-4NaphthaleneNDug/L1.0106/06/17 06:071634-04-4	trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/17 06:07	156-60-5	
2,2-DichloropopaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:071008-20-3EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0787-68-32-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:0775-09-24-Methyl-tert-butyl etherNDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:0775-09-24-Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07	1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/17 06:07	78-87-5	
1,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:07108-20-3EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0787-68-32-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1MaphthaleneNDug/L1.0106/06/17 06:07108-10-1	1,3-Dichloropropane	ND	ug/L	1.0	1		06/06/17 06:07	142-28-9	
cis-1,3-Dichloropropene ND ug/L 1.0 1 06/06/17 06:07 10061-01-5 trans-1,3-Dichloropropene ND ug/L 1.0 1 06/06/17 06:07 10061-02-6 Diisopropyl ether ND ug/L 1.0 1 06/06/17 06:07 10061-02-6 Ethylbenzene ND ug/L 1.0 1 06/06/17 06:07 108-20-3 Ethylbenzene ND ug/L 1.0 1 06/06/17 06:07 100-41-4 Hexachloro-1,3-butadiene ND ug/L 1.0 1 06/06/17 06:07 87-68-3 2-Hexanone ND ug/L 5.0 1 06/06/17 06:07 99-87-6 p-Isopropyltoluene ND ug/L 1.0 1 06/06/17 06:07 75-09-2 4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Mapht	2,2-Dichloropropane	ND	ug/L	1.0	1		06/06/17 06:07	594-20-7	
trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:07108-20-3EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0787-68-32-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1MaphthaleneNDug/L1.0106/06/17 06:07108-10-1	1,1-Dichloropropene	ND	ug/L	1.0	1		06/06/17 06:07	563-58-6	
Disopropyl ether ND ug/L 1.0 1 06/06/17 06:07 108-20-3 Ethylbenzene ND ug/L 1.0 1 06/06/17 06:07 100-41-4 Hexachloro-1,3-butadiene ND ug/L 1.0 1 06/06/17 06:07 87-68-3 2-Hexanone ND ug/L 5.0 1 06/06/17 06:07 591-78-6 p-Isopropyltoluene ND ug/L 1.0 1 06/06/17 06:07 591-78-6 Methylene Chloride ND ug/L 2.0 1 06/06/17 06:07 75-09-2 4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 5.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3	cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/17 06:07	10061-01-5	
Ethylberzene ND ug/L 1.0 1 06/06/17 06:07 100-41-4 Hexachloro-1,3-butadiene ND ug/L 1.0 1 06/06/17 06:07 87-68-3 2-Hexanone ND ug/L 5.0 1 06/06/17 06:07 591-78-6 p-Isopropyltoluene ND ug/L 1.0 1 06/06/17 06:07 99-87-6 Methylene Chloride ND ug/L 2.0 1 06/06/17 06:07 75-09-2 4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 1.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3	trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/17 06:07	10061-02-6	
Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0787-68-32-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:071634-04-4NaphthaleneNDug/L1.0106/06/17 06:0791-20-3	Diisopropyl ether	ND	ug/L	1.0	1		06/06/17 06:07	108-20-3	
Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0787-68-32-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:071634-04-4NaphthaleneNDug/L1.0106/06/17 06:0791-20-3	Ethylbenzene	ND	ug/L	1.0	1		06/06/17 06:07	100-41-4	
p-Isopropyltoluene ND ug/L 1.0 1 06/06/17 06:07 99-87-6 Methylene Chloride ND ug/L 2.0 1 06/06/17 06:07 75-09-2 4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 1.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3	Hexachloro-1,3-butadiene	ND		1.0	1		06/06/17 06:07	87-68-3	
Methylene Chloride ND ug/L 2.0 1 06/06/17 06:07 75-09-2 4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 1.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3	2-Hexanone	ND	ug/L	5.0	1		06/06/17 06:07	591-78-6	
Methylene Chloride ND ug/L 2.0 1 06/06/17 06:07 75-09-2 4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 1.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3	p-lsopropyltoluene	ND	ug/L	1.0	1		06/06/17 06:07	99-87-6	
4-Methyl-2-pentanone (MIBK) ND ug/L 5.0 1 06/06/17 06:07 108-10-1 Methyl-tert-butyl ether ND ug/L 1.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3	Methylene Chloride	ND	-	2.0	1		06/06/17 06:07	75-09-2	
Methyl-tert-butyl ether ND ug/L 1.0 1 06/06/17 06:07 1634-04-4 Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3		ND		5.0	1		06/06/17 06:07	108-10-1	
Naphthalene ND ug/L 1.0 1 06/06/17 06:07 91-20-3		ND	ug/L	1.0	1		06/06/17 06:07	1634-04-4	
			-		1		06/06/17 06:07	91-20-3	
· · · · · · · · · · · · · · · · · · ·	•		-		1		06/06/17 06:07	100-42-5	
1,1,1,2-Tetrachloroethane ND ug/L 1.0 1 06/06/17 06:07 630-20-6	•		-						
1,1,2,2-Tetrachloroethane ND ug/L 1.0 1 06/06/17 06:07 79-34-5									
Tetrachloroethene ND ug/L 1.0 1 06/06/17 06:07 127-18-4			-						

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: DOT PITTSBORO 34613.3.13

Pace Project No.: 92342907

Parameters Results Units Report Limit DF Prepared Analyzed CAS No. Quit B220 MSV Low Level Analytical Method: EPA 8260 Analytical Method: EPA 8260 <	Sample: 48 PW-2	Lab ID: 9234	42907019	Collected: 06/02/2	17 10:25	Received: 0	06/02/17 15:50 N	Aatrix: Water	
Acetone ND ug/L 25.0 1 06/06/17 06:07 67-84-1 Benzene ND ug/L 1.0 1 06/06/17 06:07 71-43-2 Bromochorzene ND ug/L 1.0 1 06/06/17 06:07 76-84-1 Bromochorzene ND ug/L 1.0 1 06/06/17 06:07 75-27-4 Bromochorzene ND ug/L 2.0 1 06/06/17 06:07 75-27-4 Bromomethane ND ug/L 2.0 1 06/06/17 06:07 76-93-3 Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Choroberzene ND ug/L 1.0 1 06/06/17 06:07 76-03-3 Chiorobertane ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Chiorobertane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Chiorobuene ND ug/L 1.0 1 06/06/17 06:07	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Benzne ND ug/L 1.0 1 06/06/17 06:07 71.43.2 Bromochloromethane ND ug/L 1.0 1 06/06/17 06:07 74.87.5 Bromochloromethane ND ug/L 1.0 1 06/06/17 06:07 75.27.4 Bromochloromethane ND ug/L 1.0 1 06/06/17 06:07 75.27.4 Bromochloromethane ND ug/L 1.0 1 06/06/17 06:07 78.83.3 Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 78.93.3 Chorobenzene ND ug/L 1.0 1 06/06/17 06:07 78.43.3 Chorothane ND ug/L 1.0 1 06/06/17 06:07 78.43.3 Chlorothane ND ug/L 1.0 1 06/06/17 06:07 74.87.3 Chlorothane ND ug/L 1.0 1 06/06/17 06:07 74.87.3 2-Chlorotoluene ND ug/L 1.0 1 06/06/	8260 MSV Low Level	Analytical Meth	nod: EPA 82	260					
Bromochloromethane ND ug/L 1.0 1 06/06/17 06.07 108-Be1-1 Bromochloromethane ND ug/L 1.0 1 06/06/17 06.07 74-97-5 Bromodichloromethane ND ug/L 1.0 1 06/06/17 06.07 75-27-4 Bromodethane ND ug/L 2.0 1 06/06/17 06.07 75-27-4 Bromodethane ND ug/L 1.0 1 06/06/17 06.07 74-83-9 2-Butanone (MEK) ND ug/L 1.0 1 06/06/17 06.07 74-83-3 Carbon tetracholide ND ug/L 1.0 1 06/06/17 06.07 74-87-3 Chloromethane ND ug/L 1.0 1 06/06/17 06.07 74-87-3 C-Chlorotoluene ND ug/L 1.0 1 06/06/17 06.07 74-87-3 2-Chlorotoluene ND ug/L 1.0 1 06/06/17 06.07 74-97-3 2-Chlorotoluene ND ug/L 1.0 10	Acetone	ND	ug/L	25.0	1		06/06/17 06:07	67-64-1	
Bromochloromethane ND ug/L 1.0 1 06/06/17 06:07 74-97-5 Bromolchloromethane ND ug/L 1.0 1 06/06/17 06:07 75-27-4 Bromolcrin ND ug/L 1.0 1 06/06/17 06:07 75-27-4 Bromothane ND ug/L 1.0 1 06/06/17 06:07 78-33-3 Cathon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 78-33-3 Chlorothane ND ug/L 1.0 1 06/06/17 06:07 75-03-3 Chlorothane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 Chlorothane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 Chlorothane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Dibromothane (EDB) ND ug/L 1.0 1 06/06/1	Benzene	ND	ug/L	1.0	1		06/06/17 06:07	71-43-2	
Bromodichloromethane ND ug/L 1.0 1 06/06/17 06:07 75-27-4 Bromorthane ND ug/L 1.0 1 06/06/17 06:07 75-25-2 Bromorthane ND ug/L 2.0 1 06/06/17 06:07 75-32-3 2-Butanone (MEK) ND ug/L 1.0 1 06/06/17 06:07 75-23-5 Chiorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-03-3 Chiorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-03-3 Chiorobuene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.2-Dichorobenzene ND ug/L 1.0 1 06/06/17 06:07 <td>Bromobenzene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>108-86-1</td> <td></td>	Bromobenzene	ND	ug/L	1.0	1		06/06/17 06:07	108-86-1	
Bromorthme ND ugl. 1.0 1 06/06/17 06:07 78-35-25-2 Bromomethane ND ugl. 5.0 1 06/06/17 06:07 78-39-3 Carbon tetrachloride ND ugl. 1.0 1 06/06/17 06:07 78-39-3 Carbon tetrachloride ND ugl. 1.0 1 06/06/17 06:07 78-39-3 Chlorobertane ND ugl. 1.0 1 06/06/17 06:07 78-63-3 Chlorobertane ND ugl. 1.0 1 06/06/17 06:07 74-87-3 2-Chlorotoluene ND ugl. 1.0 1 06/06/17 06:07 74-87-3 2-Chlorotoluene ND ugl. 1.0 1 06/06/17 06:07 74-87-3 1.2-Dibromo-3-chloropropane ND ugl. 1.0 1 06/06/17 06:07 74-87-3 1.2-Dibromo-s-chloropropane ND ugl. 1.0 1 06/06/17 06:07 74-81-3 1.2-Dibromo-s-chloropropane ND ugl. 1	Bromochloromethane	ND		1.0	1		06/06/17 06:07	74-97-5	
Bromomethane ND ug/L 2.0 1 06/06/17 06:07 74-93-9 2-Butanone (MEK) ND ug/L 5.0 1 06/06/17 06:07 76-93-3 Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Chlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-03-3 Chlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-03-3 Chlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-03-3 Chlorobuene ND ug/L 1.0 1 06/06/17 06:07 75-94-8 2-Chlorobuene ND ug/L 1.0 1 06/06/17 06:07 16-43-4 1.2-Dibromosthane (EDB) ND ug/L 1.0 1 06/06/17 06:07 16-93-4 1.2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 16-34-3 1.2-Dichlorobenzene ND ug/L 1.0 1	Bromodichloromethane	ND	ug/L	1.0	1		06/06/17 06:07	75-27-4	
2-Butanone (MEK) ND ug/L 5.0 1 06/06/17 06:07 78-93-3 Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 76-93-3 Chlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-00-3 Chloroberhane ND ug/L 1.0 1 06/06/17 06:07 75-00-3 Chloromethane ND ug/L 1.0 1 06/06/17 06:07 75-48-3 Chloromethane ND ug/L 1.0 1 06/06/17 06:07 96-48-3 1.2-Dibromodynopane ND ug/L 1.0 1 06/06/17 06:07 16-48-4 1.2-Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 12-48-1 1.2-Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.2-Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroberzene ND ug/L 1.0 </td <td>Bromoform</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>75-25-2</td> <td></td>	Bromoform	ND	ug/L	1.0	1		06/06/17 06:07	75-25-2	
Carbon tetrachloride ND ug/L 1.0 1 06/06/17 06:07 66-23-5 Chlorobenzene ND ug/L 1.0 1 06/06/17 06:07 76-00-3 Chlorobtane ND ug/L 1.0 1 06/06/17 06:07 76-66-3 Chlorobtane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Chlorobluene ND ug/L 1.0 1 06/06/17 06:07 16-43-4 2-Chlorobluene ND ug/L 1.0 1 06/06/17 06:07 12-48-1 1.2-Dibromo-schloropropane ND ug/L 1.0 1 06/06/17 06:07 12-48-1 1.2-Dibromo-schloropropane ND ug/L 1.0 1 06/06/17 06:07 12-48-1 1.2-Dibromo-schane ND ug/L 1.0 1 06/06/17 06:07 12-48-1 1.2-Dichorobenzene ND ug/L 1.0 1 06/06/17 06:07 14-95-3 1.2-Dichorobenzene ND ug/L 1.0	Bromomethane	ND	ug/L	2.0	1		06/06/17 06:07	74-83-9	
Chlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75:00-3 Chlorotorm ND ug/L 1.0 1 06/06/17 06:07 75:66-3 Chlorotorm ND ug/L 1.0 1 06/06/17 06:07 75:66-3 Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 75:49-8 4-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 76:49-8 1,2-Dibromo-3-chloropropane ND ug/L 1.0 1 06/06/17 06:07 76:49-8 1,2-Dibromo-shane ND ug/L 1.0 1 06/06/17 06:07 76:43-8 Dibromothane ND ug/L 1.0 1 06/06/17 06:07 74:95-3 1,2-Dichorobenzene ND ug/L 1.0 1 06/06/17 06:07 75:43-3 1,2-Dichorotohzene ND ug/L 1.0 1 06/06/17 06:07 75:43-3 1,2-Dichlorotohzene ND ug/L 1.0 1	2-Butanone (MEK)	ND	ug/L	5.0	1		06/06/17 06:07	78-93-3	
Chloroethane ND ug/L 1.0 1 06/06/17 06:07 75-00-3 Chloroethane ND ug/L 1.0 1 06/06/17 06:07 67-66-3 Chloroethane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 76-48-3 1,2-Dibromo-3-chloropropane ND ug/L 1.0 1 06/06/17 06:07 76-48-3 1,2-Dibromo-3-chloropropane ND ug/L 1.0 1 06/06/17 06:07 76-48-4 1,2-Dibromoethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-14-3 1,3-Dichorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-43-3 1,2-Dichoroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichoroethane ND ug/L 1.0	Carbon tetrachloride	ND	ug/L	1.0	1		06/06/17 06:07	56-23-5	
Chloroform ND ug/L 1.0 1 06/06/17 06:07 67-66-3 Chloromethane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 95-49-8 4-Chlorotoluene ND ug/L 2.0 1 06/06/17 06:07 166-43-4 1.2-Dibromo-3-chloropropane ND ug/L 1.0 1 06/06/17 06:07 124-48-1 1.2-Dibromoethane (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-37-8 1.3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1.4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroethane ND ug/L 1.0 </td <td>Chlorobenzene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>108-90-7</td> <td></td>	Chlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	108-90-7	
Chloromethane ND ug/L 1.0 1 06/06/17 06:07 74-87-3 2-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 95-49-8 4-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 16-63-4 1,2-Dibromochoromethane ND ug/L 1.0 1 06/06/17 06:07 12-8 Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dibromobethane (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dibromobethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-14-3 1,4-Dichlorobethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0<	Chloroethane	ND	ug/L	1.0	1		06/06/17 06:07	75-00-3	
2-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 95-49-8 4-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 106-43-4 1,2-Dibromo-3-chloropropane ND ug/L 2.0 1 06/06/17 06:07 124-48-1 1,2-Dibromo-thare (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-48-1 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-50-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-50-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethene ND ug/L	Chloroform	ND	ug/L	1.0	1		06/06/17 06:07	67-66-3	
4-Chlorotoluene ND ug/L 1.0 1 06/06/17 06:07 106-43-4 1,2-Dibromo-3-chloropropane ND ug/L 2.0 1 06/06/17 06:07 196-12-8 Dibromochtane (EDB) ND ug/L 1.0 1 06/06/17 06:07 124-8-1 1,2-Dibromothane (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Diblorobenzene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-51-8 1,1-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-4 1,2-Dichloroethene ND ug/L	Chloromethane	ND	ug/L	1.0	1		06/06/17 06:07	74-87-3	
1,2-Dibromo-3-chloropropane ND ug/L 2.0 1 06/06/17 06:07 96-12-8 Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 124-48-1 1,2-Dibromochlane (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dibromoethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 54-1-73-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,4-Dichlorobtane ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroprop	2-Chlorotoluene	ND	ug/L	1.0	1		06/06/17 06:07	95-49-8	
Dibromochloromethane ND ug/L 1.0 1 06/06/17 06:07 124-48-1 1,2-Dibromoethane (EDB) ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 541-73-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 isis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-87-5 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 76-87-5 1,2-Dichloropropane ND ug/L <td>4-Chlorotoluene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>106-43-4</td> <td></td>	4-Chlorotoluene	ND	ug/L	1.0	1		06/06/17 06:07	106-43-4	
1.2-Dibromoethane (EDB) ND ug/L 1.0 1 06/06/17 06:07 106-93-4 Dibromomethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1.3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 55-0-1 1.3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-31-1 1.4-Dichlorobetnzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1.2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-87-5 1,2-Dichloroptnene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 74-87-5 1,3-Dichloropropane	1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/06/17 06:07	96-12-8	
Dibromomethane ND ug/L 1.0 1 06/06/17 06:07 74-95-3 1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 55-5-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 55-50-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-53-43 1,2-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L	Dibromochloromethane	ND	ug/L	1.0	1		06/06/17 06:07	124-48-1	
1,2-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 95-50-1 1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 541-73-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,1-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloropthene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 742-28-9 2,2-Dichloropropane	1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/17 06:07	106-93-4	
1,3-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 541-73-1 1,4-Dichlorobenzene ND ug/L 1.0 1 06/06/17 06:07 106-46-7 Dichlorodifluoromethane ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-42-0-7 1,1-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 584-20-7 1,1-Dichloroptopane<	Dibromomethane	ND	ug/L	1.0	1		06/06/17 06:07	74-95-3	
1,4-DichlorobenzeneNDug/L1.0106/06/17 06:07106-46-7DichlorodifluoromethaneNDug/L1.0106/06/17 06:0775-71-81,1-DichloroethaneNDug/L1.0106/06/17 06:0775-34-31,2-DichloroethaneNDug/L1.0106/06/17 06:0775-35-4(si-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-35-4(si-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-65-2trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloroptopeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloroptopeneNDug/L1.0106/06/17 06:0710081-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710081-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710081-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710081-02-6DisopropyletherNDug/L <td< td=""><td>1,2-Dichlorobenzene</td><td>ND</td><td>ug/L</td><td>1.0</td><td>1</td><td></td><td>06/06/17 06:07</td><td>95-50-1</td><td></td></td<>	1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	95-50-1	
Dichlorodiffuoromethane ND ug/L 1.0 1 06/06/17 06:07 75-71-8 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,2-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloropropene ND ug/L 1.0 1 06/06/17 06:07 70-94-20-7 1,1-Dichloropropene ND ug/L </td <td>1,3-Dichlorobenzene</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>541-73-1</td> <td></td>	1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	541-73-1	
1,1-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-34-3 1,2-Dichloroethane ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,1-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 cis-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 trans-1,2-Dichloroethene ND ug/L 1.0 1 06/06/17 06:07 75-35-4 1,2-Dichloropthene ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopane ND ug/L 1.0 1 06/06/17 06:07 78-87-5 1,3-Dichloroptopene ND ug/L 1.0 1 06/06/17 06:07 584-20-7 1,1-Dichloroptopene ND ug/L 1.0 1 06/06/17 06:07 10061-01-5 trans-1,3-Dichloroptopene ND ug/L 1.0 1 06/06/17 06:07 10061-01-5 Disopto	1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	106-46-7	
1,2-DichloroethaneNDug/L1.0106/06/17 06:07107-06-21,1-DichloroethaneNDug/L1.0106/06/17 06:0775-35-4cis-1,2-DichloroethaneNDug/L1.0106/06/17 06:07156-59-2trans-1,2-DichloroethaneNDug/L1.0106/06/17 06:07156-60-51,2-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloroptopaneNDug/L1.0106/06/17 06:0778-87-52,2-DichloroptopaneNDug/L1.0106/06/17 06:07584-28-92,2-DichloroptopaneNDug/L1.0106/06/17 06:07584-28-92,2-DichloroptopaneNDug/L1.0106/06/17 06:07584-28-92,2-DichloroptopaneNDug/L1.0106/06/17 06:0710061-01-51,1-DichloroptopeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0799-87-6P-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L </td <td>Dichlorodifluoromethane</td> <td>ND</td> <td>ug/L</td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>75-71-8</td> <td></td>	Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/17 06:07	75-71-8	
1,1-DichloroetheneNDug/L1.0106/06/17 06:0775-35-4cis-1,2-DichloroetheneNDug/L1.0106/06/17 06:07156-59-2trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-85-41,2-DichloropropaneNDug/L1.0106/06/17 06:0775-85-51,3-DichloropropaneNDug/L1.0106/06/17 06:07742-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6HybenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0799-87-6P-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Hethyl-e2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-e2-pentanone (MIBK)ND	1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	75-34-3	
1,1-DichloroetheneNDug/L1.0106/06/17 06:0775-35-4cis-1,2-DichloroetheneNDug/L1.0106/06/17 06:07156-59-2trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:0775-85-41,2-DichloropropaneNDug/L1.0106/06/17 06:0775-85-51,3-DichloropropaneNDug/L1.0106/06/17 06:07742-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6HybenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0799-87-6P-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Hethyl-e2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-e2-pentanone (MIBK)ND	1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	107-06-2	
trans-1,2-DichloroetheneNDug/L1.0106/06/17 06:07156-60-51,2-DichloropropaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloropropaneNDug/L1.0106/06/17 06:07142-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropaneNDug/L1.0106/06/17 06:07503-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:07100-1-2-6Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07100-1-4P-lsopropyltolueneNDug/L1.0106/06/17 06:07591-78-6P-lsopropyltolueneNDug/L1.0106/06/17 06:07591-78-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.01 </td <td>1,1-Dichloroethene</td> <td>ND</td> <td></td> <td>1.0</td> <td>1</td> <td></td> <td>06/06/17 06:07</td> <td>75-35-4</td> <td></td>	1,1-Dichloroethene	ND		1.0	1		06/06/17 06:07	75-35-4	
1,2-DichloropropaneNDug/L1.0106/06/17 06:0778-87-51,3-DichloropropaneNDug/L1.0106/06/17 06:07142-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:07108-20-3EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07591-78-6p-lsopropyltolueneNDug/L5.0106/06/17 06:07591-78-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L5.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0<	cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/17 06:07	156-59-2	
1,3-DichloropropaneNDug/L1.0106/06/17 06:07142-28-92,2-DichloropropaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Disopropyl etherNDug/L1.0106/06/17 06:0710061-02-6EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:07591-78-62-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-lsopropyltolueneNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:071634-04-4NaphthaleneNDug/L1.0106/06/17 06:071634-04-4	trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/17 06:07	156-60-5	
2,2-DichloropopaneNDug/L1.0106/06/17 06:07594-20-71,1-DichloropropeneNDug/L1.0106/06/17 06:07563-58-6cis-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-01-5trans-1,3-DichloropropeneNDug/L1.0106/06/17 06:0710061-02-6Diisopropyl etherNDug/L1.0106/06/17 06:071008-20-3EthylbenzeneNDug/L1.0106/06/17 06:07100-41-4Hexachloro-1,3-butadieneNDug/L1.0106/06/17 06:0787-68-32-HexanoneNDug/L5.0106/06/17 06:07591-78-6p-IsopropyltolueneNDug/L1.0106/06/17 06:0799-87-6Methylene ChlorideNDug/L2.0106/06/17 06:0775-09-24-Methyl-2-pentanone (MIBK)NDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:0775-09-24-Methyl-tert-butyl etherNDug/L5.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:0775-09-24-Methyl-tert-butyl etherNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07108-10-1MethyleneNDug/L1.0106/06/17 06:07	1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/17 06:07	78-87-5	
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Tetrachloroethene ND ug/L 1.0 1 06/06/17 06:07 127-18-4			-						

REPORT OF LABORATORY ANALYSIS



Full-Service Analytical & Environmental Solutions NC Certification No. 402 NC Drinking Water Cert No. 37735 SC Certification No. 99012

12/28/2017

Hart & Hickman (Raleigh) Greg Kanellis 3334 Hillsborough St. Raleigh, NC 27607 Project: DOT.515 Pittsboro Project No.: WBS34613.313 Lab Submittal Date: 12/14/2017 Prism Work Order: 7120271

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Narrative Notes:

TOC analysis was subcontracted to GCAL. Laboratory report is attached.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

othill.

Robbi A. Jones President/Project Manager

Rossi a. Jo

Reviewed By Robbi A. Jones President/Project Manager

Data Qualifiers Key Reference:

- A Density determined at 21 Degrees C.
- BRL Below Reporting Limit
- MDL Method Detection Limit
- RPD Relative Percent Difference
- * Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543 Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full-Service Analytical & Environmental Solutions

Sample Receipt Summary

12/28/2017

Prism Work Order: 7120271

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
BRP-Batch3	7120271-01	Water	12/11/17	12/14/17
BRP-Batch4	7120271-02	Water	12/11/17	12/14/17

Samples were received in good condition at 2.0 degrees C unless otherwise noted.



12/28/2017

Hart & Hickman (Raleigh) Attn: Greg Kanellis 3334 Hillsborough St. Raleigh, NC 27607	Project	DOT.515 Pi No.: WBS3 Matrix: Wat	4613.313		Prism Prism Time (Sample ID: Sample ID: Work Order Collected: 12 Submitted: 1	7120271-01 : 7120271 2/11/17 15:5	0	
Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

General Chemistry Parameters						
Density	1.042 A	g/mL	0.001000	1	*In-house	12/27/17 14:53 HMBJ P7L0427



Laboratory Report

12/28/2017

Hart & Hickman (Raleigh) Attn: Greg Kanellis 3334 Hillsborough St. Raleigh, NC 27607 Project: DOT.515 Pittsboro

Project No.: WBS34613.313 Sample Matrix: Water Client Sample ID: BRP-Batch4 Prism Sample ID: 7120271-02 Prism Work Order: 7120271 Time Collected: 12/11/17 14:50 Time Submitted: 12/14/17 08:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Analyst Date/Time	Batch ID
General Chemistry Parameters								
Density	1.058 A	g/mL	0.001000		1	*In-house	12/27/17 14:45 HMBJ	P7L0427



Hart & Hickman (Raleigh) Attn: Greg Kanellis 3334 Hillsborough St. Raleigh, NC 27607

Project: DOT.515 Pittsboro

Project No: WBS34613.313

Prism Work Order: 7120271 Time Submitted: 12/14/2017 8:10:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P7L0427 - NO PREP										
Duplicate (P7L0427-DUP1)	So	urce: 7120271	-01	Prepared	& Analyze	d: 12/27/1	7			
Density	1.042	0.001000	g/mL		1.042			0.04	20	
Subcontracted Analyses										
The following analyses were subcontracted to Gulf Coast Analytical Labs, Inc.										

Lab Number	Analysis	
7120271-01	TOC (Sub)	
7120271-02	TOC (Sub)	

PBRSM Full-Service Analytical & Landartheres and	En Ful	II-Service Ane vironmental S		CHAIN Page 1 of 1	Ξ.		OF CUSTODY RECORD AUOTE # TO ENSURE PROPER BILLING:				LAB USE ONLY Samples INTACT upon arrival?	KES	NO NIA
Client Company Name: H445 Client Company Name: H445 Client Company Name: H445 Client Company Name: H444 かけい	им. Главонлоніся, імс. 449 Springbrook Road。Charlotte, NC 28217 Phone 704/529-6364。 Fax: 704/525-0409 Phone 14úr+ ナードバビビ m イ	10tte, NC 28217 : 704/525-0409 丹ンしん m a ~		Project Name: DOTSIS Short Hold Analysis: (Yes) (No) *Please ATTACH any project specific	alysis: (<u>(Ves) (No)</u> (Yes) (No) project specif	Project Name: <u>DO7555</u> P:HS brows h 3 46737 Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO *Please ATTACH any project specific reporting (QC LEVEL I II III N)	156 3 oject: (IC LEVEL	3 461 3,3.3 (Yes) (NO) ELTITIN)		Received ON WET ICE? PROPER PRESERVATIVES Indicated? Received WITHIN HOLDING TIMES? CUSTODY SEALS INTACT?	400	
Report To/Contact Name: <u>Grey Kane/I/3</u> Reporting Address: <u>3334 H.745borough</u>	10: 6 rey 1	Kanelis borough S		Invoice To: <u>C</u> Address: <u>2</u>	account paya	5 payab	sechuch.	chemina Site-10	in con	VOLATILE PROPER (OUT HEAL	NC.	2.D.0
Raleign, Nr. 2	-a1			Char	harlotte,	rec à	28203					UDSetVed	
Phone: <u>9/9-5 %6 - 42 4/</u> Fax (Yes) (No): Email Address (<i>T Kanell</i>): @haddby Mman (Am	<u>۲/ Fax (Yes) (No): المالية ال</u>	(No):		Purchase Order No./Billing Reference <u>W 369</u>	sr No./Billi	ng Referei	nce w Bus		(3		DIN BY CLIEN	AMPLING PER	SONNEL
EDD Type: PDF Exc	Excel / Other			Requested Due Date "Working Days"		y 🔲 2 Days Days 🖉 Stand	ロ1 Day し2 Days し3 Days し4 Days しう Days し6-9 Days 己毛tandard 10 days しPre-Approved	Uays ⊔ 5 Rush Work i Pre-Approve		Certification:	: NELAC DOU SC OTHER		
Site Location Name: <u> </u>	0	Ditt biangi	JVC	Samples receiver Turnaround time (SEE REVER	after 14:00 s based on i sE FOR TERN BY PRISM 12	will be proce business day its & CONDITI	Samples received affer 14:00 will be processed next business day. Turnaround time is based on business days, excluding weekends and holidays. (SEE REVERSE FOR TENNS & CONDITIONS REGARDING SERVICES PERIMEDED RAY DENSI I ARDRATORIES INC. TO CLIENT)	ss day. kends and h sERVICES		Nater Chlor ample Iced	Water Chlorinated: YES // NO	res / NO	
		TIME	MATRIX	SAMPL	SAMPLE CONTAINER	N.		\ 	12	ANALYSIS REQUESTED	0		PRISM
CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	COLLECTED MILITARY HOURS	(SOIL, WATER OR SLUDGE)	*TYPE SEE BELOW	Ñ.	SIZE	PRESERVA- TIVES	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	FX. CLAR		RE	REMARKS	LAB ID NO.
BRP-BWHH3	12/11/21	1550	water	VOA, P	t		HCL, None	×					~
S. S. P But hy 121/2	0.1	1450	well the	Vod, P	4		HLL rovera	te	λ				20
	7												1
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Sampler's Signature	Despitet 6.	Her	Sampled By	Sampled By (Print Name) _	Jeffrey	y Ollson	50N	Affiliation	n H+H		PRESS D(PRESS DOWN FIRMLY	- 3 COPIES
Upon relinquishing, this Chaffi of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be changes for any changes after analyses have been initialized.	Chain of Custo	ody is your aut st Manager. Th	thorization for	Prism to proce arges for any c	ed with the hanges aft	analyses er analyses	as requested at s have been init	ove. Any ialized.	changes mus	t be		PRISM	PRISM USE ONLY
Relinguished By: (Signature)		All and a second se	Rece	Received B)- (Signature)	M				Pate 13/17	Military/Hours	Additional Comments:		ime:
Relinquisbed By: (Signature)	R	K	Rece	Received By: (Signature)					Date	0420		Site Departure Time:	re Ime:
hquished By: (Signature)		-	Rece	Received For Prism Laboratories By:	iratories By:		, Jang		Date 1	06/0		Mileage:	
Dad of Shipment: NOTE: AL	LL SAMPLE COOLE S ARE NOT ACCEF	ERS SHOULD BE PTED AND VERIFI	TAPED SHUT WIT	WCUSTODY SEAL	S FOR TRAN	SPORTATION DRATORY.	NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.		0 6				Concernent of the second s
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The section of the se			DRINKING WA					SC	00			TERMS	, CONDITIONS
ONTAINER TYPE CODES:		A = Amber C = Clear G = Glass	ar G= Glass	P = Plastic; TI	. = Teflon-L	ined Cap	P = Plastic; TL = Tefton-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)	Organics	Analysis (Zero	Head Space		õ	ORIGINAL



ANALYTICAL REPORT

CLIENT Prism Laboratories PO Box 240543 Charlotte, NC 28224

> ATTENTION Robbi Jones

PROJECT ID 7120271

LABORATORY REPORT NUMBER 217121527

DATE 12/22/2017

Primary Data Review By

Authorized Signature

Secondary Data Review By

<u>Ashley B. Amick</u> Project Manager, Access Analytical, Inc. aamick@accessanalyticalinc.com

PLEASE NOTE:

- Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 Innovation Park Dr., Baton Rouge, LA 70820.
- GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955
- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.



NELAP CERTIFICATE NUMBER: 01955 DOD ELAP CERTIFICATE NUMBER: L14-243

ANALYTICAL RESULTS

PERFORMED BY

GCAL, LLC 7979 Innovation Park Dr. Baton Rouge, LA 70820

Report Date 12/22/2017



Project 7120271

Deliver To Robbi Jones Prism Laboratories PO Box 240543 Charlotte, NC 28224 800-529-6364 Additional Recipients NONE









Report#: 217121527

Project ID: 7120271

Report Date: 12/22/2017

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations that may be Utilized in this Report

Indicates the result was Not Detected at the specified reporting limit Indicates the sample did not ignite when preliminary test performed for EPA Method 1030
Indicates the sample did not ignite when preliminary test performed for EPA method 1050
Indicates the result was subject to Matrix Interference
Indicates the result was Too Numerous To Count
Indicates the analysis was Sub-Contracted
Indicates the analysis was performed in the Field
Detection Limit
Limit of Detection
Limit of Quantitation
Re-analysis
HPLC or GC Confirmation
Reported as a time equivalent to 12:00 AM

Reporting Flags that may be Utilized in this Report

Jorl	Indicates the result is between the MDL and LOQ
J	DOD flag on analyte in the parent sample for MS/MSD outside acceptance criteria
U	Indicates the compound was analyzed for but not detected
B or V	Indicates the analyte was detected in the associated Method Blank
Q	Indicates a non-compliant QC Result (See Q Flag Application Report)
*	Indicates a non-compliant or not applicable QC recovery or RPD – see narrative
E	Organics - The result is estimated because it exceeded the instrument calibration range
E	Metals - % diference for the serial dilution is > 10%
<u>.</u>	Reporting Limits adjusted to meet risk-based limit.
Р	RPD between primary and confirmation result is greater than 40
DL	Diluted analysis – when appended to Client Sample ID

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with The NELAC Institute (TNI) Standard 2009 and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Authorized Signature GCAL Report 217121527



Project ID: 7120271

and Difference

Certifications

Certification	Certification Number
DOD ELAP	L14-243
Alabama	01955
Arkansas	12-060-0
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
USDA Soil Permit	P330-10-00117

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 Report#:
 217121527

 Project ID:
 7120271

Report Date: 12/22/2017

Case Narrative

Client: Access Analytical Report: 217121527

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the Report Sample Summary page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

GENERAL CHEMISTRY

In the SM 5310 B-2011 analysis, samples 21712152701 (BRP_Batch 3) and 21712152702 (BRP_Batch 4) had to be diluted in order to bracket the concentration within the calibration range of the instrument.



Report#: 217121527

Project ID: 7120271

Report Date: 12/22/2017

Harris Manual And

Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21712152701	BRP_Batch 3	Water	12/11/2017 15:50	12/15/2017 09:40
21712152702	BRP_Batch 4	Water	12/11/2017 14:50	12/15/2017 09:40



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Report#: 217121527

Project ID: 7120271

- 1988-19

Summary of Compounds Detected

BRP_Batch 3		2017 15:50 2017 09:40	GCAL ID Matrix	21712152701 Water	
SM 5310 B-2011 cas# c-012	Parameter Total Organic Carbon	Result 48200	DL 300	LOQ 2000	Units mg/L
BRP_Batch 4		2017 14:50 2017 09:40	GCAL ID Matrix	21712152702 Water	
SM 5310 B-2011 cas# c-012	Parameter Total Organic Carbon	Result 43000	DL 300	LOQ 2000	Units mg/L



Report#: 217121527

Project ID: 7120271

Sample Results

	가 전환 영상에서 동네들에서 전성에 실려했다. 이 방법은 그는 것이 가지 않아? 이 지수는 것이다. 것이 가지 않는 것을 가지 않아 다 들었다. 그들 것이 하지 않는 것이 가지 않아요? 것이 가지 않는 것이 것이다.	194 A L
	Collect Date 12/11/2017 15:50 GCAL ID 21712152701	
ENER HERE HERE HERE	Conect Date 12/11/2011 10:00	2 H U I I
BRP Batch 3	이 방법에는 바라 것 사람이 다 방법에 가는 것이 가 있는 것 것 같아. 나는 것 같아요. 이는 것을 가 많은 것 같아요. 이는 것은 것은 것 같아요. 이는 것 이는 것 같아요. 이는 것 같아요. 이는 것 않아요. 이는 것 않아요. 이는 것 같아요. 이는 것 않아요. 이는 것 같아요. 이는 것 않아요. 이는 것 이는 것 않아요. 이는 것 이는 않아요. 이는 것 않아요. 이는 것 이는 것 않아요. 이는 않아요. 이는 않아요. 이는 않아요. 이는 것 않아요. 이는 것 않아요. 이는 것 않아요. 이는 않아요. 이는 않아요. 이는 것 않아요. 이는 것 이는 것 않아요. 이는 것 않아요. 이는 것 않아요. 이는 것 이는 것 이는 것 이는 것 이는 것 않아요. 이는 것 이는	5. S.
LIVI LOUAIIA	는 것 것 같아요. 그는 것 같아요. 같이 있는 것 같아요. 이렇게 다 아이들 것 이야지 않는 것이 것 같아요. 그는 것 같아요. 가지 않는 것 같아요. 이것 같아요. 이것 같아요. 이것 가지 않는	24.4
이상님은 방법은 방법에 알았을 것 같아요. 한 것 같아요. 말했는 것 같아요.	Receive Date 12/15/2017 09:40 Matrix Water	
	그는 것 가장, 그는 것 같은 것은 것 같은 것 같은 것 같은 것 같은 것 같은 것 같은	

SM 5310 B-2011

Prep Date NA	Prep Batch NA	Prep Method NA	Dilution 1000	Analysis Date 12/21/2017 13:15	By JEM	Analytical Batch 625658	
CAS#	Parameter	а		Result	DL	LOQ	Units
C-012	Total Orga	nic Carbon		48200	300	2000	mg/L

- 计成为相信的第三人称单数 化合理管理合理合理	이는 사람들은 것 같은 것
이 것 같아요? 같은 것은 것은 것을 것 같아. 것같이 것 같아.	Collect Date 12/11/2017 14:50 GCAL ID 21712152702
DDD D-4-L 4	
BRP Batch 4	그는 물건을 많은 것을 수 없는 것은 것을 수 있는 것을 다 가지 않는 것을 수 있는 것을 가지 않는 것을 하는 것
	Receive Date 12/15/2017 09:40 Matrix Water
이 김 정도한 것을 수 없는 것을 가지 않는다.	

SM 5310 B-2011

Prep Date NA	Prep Batch NA	Prep Method NA	Dilution 1000	Analysis Date 12/21/2017 13:39	By JEM	Analytical Batch 625658	
CAS#	Parameter	a		Result	DL	LOQ	Units
C-012	Total Orga	anic Carbon		43000	300	2000	mg/L



General Chemistry QC Summary

Analytical Batch	그는 것 같은 것 수밖 수많을 것 같다.	MB625658		LCS625	이 상태가 가지 않는 것은			LCSD62	G1002-711 - 14			
625658	GCAL ID	1758227	1758227 17				그 말을 가 많을 수 있다.	1758229)			
	Sample Type	MB		LCS				LCSD				
사람은, 이번 가슴에 가슴을 다 가지는 것이다. 가슴이다. 이 같은 것은 것은 것은 것은 것은 것은 것은 것을 같은 것이다.	Prep Date	NA		NA				NA				
	Analysis Date	12/21/2017 09:01		12/21/20	17 08:01	1		12/21/20)17 17:44	1		
	Matrix	Water		Water		114		Water	월 27일 ⁻	0.893	98.00	
SM 5310 B-201	11	Units Result	mg/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Total Organic Carbon	C-012	0.30U	0.30	50.0	49.5	99	90 - 110	50.0	47.2	94	5	20

Analytical Batch	Client ID	Ave E (002) TOC		1757013	BMS			1757013	MSD			
625658	GCAL ID	21712181701		1758230)			1758231				
	Sample Type	SAMPLE		MS				MSD				
	Prep Date	NA		NA				NA				
	Analysis Date	12/21/2017 15	:51	12/21/20)17 16:24	1		12/21/20	17 16:54	1		
	Matrix	Water		Water				Water	비사 사			지하는
SM 5310 B-20	D11	Units Result	mg/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Total Organic Carbon	C-012	5.1	0.30	50.0	49.6	89	80 - 120	50.0	51.7	93	4	20

DERISM	Full-Service . Envíronmenta	Analytical &		ib to c	Client ID: 456 SDG: 217121 PM: AEC		nalytica	
				RACT ORDER	Certificatio	n: NELAC	USACE	8
				poratories, Inc. 20271	NCN/A	sc	Other	
ODVIDENCE ADODATION								
SENDING LABORATORY Prism Laboratories, Inc.				RECEIVING LABO				
P. O. Box 240543 Charlotte, NC 28224-0543 Phone: 800-529-6364 Fax: 704-525-0409 Project Manager: Robbi A			t .	Gulf Coast Analyti 10781 Coursey Bh Baton Rouge, LA 7 Phone :(225) 769-2 Fax: (225) 767-571	/d 0816 900	-		
Analysis	Due	Ēxj	pires	Laboratory ID	Comments			10/16/14/14/14/14/14/14/14/14/14/14/14/14/14/
Sample ID: 7120271-01	Water	Sampled:12/	11/17 15:50 -	BRP_E	saltch 3			
TOC (Sub)		01/	08/18 15:50	denne harren 4.00000 interna angen en anterna anterna anterna anterna anterna den anterna den anterna den anter	à			ang
Containers Supplied: 2 HLL Amber			*					
Sample ID: 7120271-02	179 f			200=12	als U			-2
TOC (Sub)	Water	Sampled:12/	11/17 14:50 08/18 14:50		ALCON 1	kanan ka		<i></i>
Containers Supplied: 2 HU And								
				فستستنب	<i>r</i>	7710	CCOI	3528
Released By Released By		Date Date Date Date		Received By Smath Received By G(for Pm AU	12-14-17 Date 1215/17 Date	9:40	3528 0.48 2490 ge l of 1
Released By	-	Date		Received By		Date		
Released By]	Date	······	Received By		Date	Pa	gelofl

Page 10 of 11

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RIES, LLC	
LABORATORIES	

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C GCAL MALTICAL LABORATORIES. LLC		SAMPLE RECEIVING CHECKLIST	* 2 1 2	7 2 2 7	2 *
SAMPLE DELIVERY GROUP	JP 217121527	CHECKLIST		YES	Q
Client PM AEC 4565 - Access Analytical	Transport Method FEDEX	Samples received with proper thermal preservation?			
		Radioactivity is <1600 cpm? If no, record cpm value in notes section.	notes section.	D	
Profile Number Rm54	Received By Savore Tiffony R	COC relinquished and complete (including sampleIDs, collect times, and sampler)?	collect times, and sampler)?	5	
		All containers received in good condition and within hold time?	d time?	D	
Line Item(s)	Receive Date(s)	All sample labels and containers received match the chain of custody?	rain of custody?	N	
1 - Water BIEXNaph/MIBE	11/GL/ZL	Preservative added to any containers?			
		If received, was headspace for VOC water containers < 6mm?	6mm?	\mathbf{N}	
		Samples collected in containers provided by GCAL?			>
COOLERS		DISCREPANCIES	LAB PRESERVATIONS		
Airbill Thermometer ID:	ter ID: E29 Temp °C	None	Ð		
7710-0001-3528	O.				
NOTES					
Revision 1.6				പ്പ	Page 1 of 1

Lab Report#: 217121527

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ANALYTICAL RESULTS

Project: DOT PITTSBORO 34613.3.13

Pace Project No.: 92342907

Sample: 48 PW-2	Lab ID: 9234	42907019	Collected: 06/02/1	7 10:25	Received: 0	6/02/17 15:50 I	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Meth	nod: EPA 82	60					
Toluene	ND	ug/L	1.0	1		06/06/17 06:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/06/17 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/17 06:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/17 06:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/06/17 06:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/06/17 06:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		06/06/17 06:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/06/17 06:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/06/17 06:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		06/06/17 06:07	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		06/06/17 06:07	17060-07-0	
Toluene-d8 (S)	113	%	70-130	1		06/06/17 06:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: DOT PITTSBORO 34613.3.13

Pace Project No.: 92342907

Sample: 48 PW-2	Lab ID: 9234	42907019	Collected: 06/02/1	7 10:25	Received: 0	6/02/17 15:50 I	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Meth	nod: EPA 82	60					
Toluene	ND	ug/L	1.0	1		06/06/17 06:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/06/17 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/17 06:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/06/17 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/17 06:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/17 06:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/06/17 06:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/06/17 06:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		06/06/17 06:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/06/17 06:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/06/17 06:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		06/06/17 06:07	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		06/06/17 06:07	17060-07-0	
Toluene-d8 (S)	113	%	70-130	1		06/06/17 06:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS