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GROUNDWATER MONITORING REPORT

2ND QUARTER 2018

RESINALL MISSISSIPPI
102 Dixie Pine Road
Hattiesburg, Mississippi 39401

EI Project No. ENMO180110.00 0100

Prepared for: **Resinall Mississippi, Inc. (RMS)**
102 Dixie Pine Road
Hattiesburg, Mississippi 39401

Prepared by: **The EI Group, Inc.**
2101 Gateway Centre Boulevard, Suite 200
Morrisville, NC 27560
PH (919) 657-7500 FAX (919) 657-7551

JULY 27, 2018

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The EI Group, Inc.
2101 Gateway Centre Boulevard
Suite 200
Morrisville, North Carolina 27560

Darren R. Lockhart, P.G.
Lead Investigator

Michael L. Walker, P.E., CEM, LEED-AP
Project Manager

(Seal)

MICHAEL LOWELL WALKER
LICENSED PROFESSIONAL
ENGINEER
21156
STATE OF MISSISSIPPI

7/27/2018

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GROUNDWATER MONITORING REPORT – 2Q 2018
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Table of Contents

Tables: 1 - Monitoring Well Information

2 – Summary of Groundwater Parameter Results

3 – Summary of Groundwater Analytical Results

4 – Quality Control Sample Results

Figures:

1- Site Plan
2- Groundwater Elevation Map – Shallow Zone
3- Groundwater Elevation Map – Deep Zone
4- DCDP Isoconcentration Map – Shallow Zone
5- DCDP Isoconcentration Map – Deep Zone
6- Benzene Isoconcneration Map – Shallow Zone
7- Benzene Isoconcentration Map – Deep Zone
8- Toluene Isoconcentration Map – Shallow Zone
9- Toluene Isoconcentration Map – Deep Zone
10- Naphthalene Isoconcentratino Map – Shallow Zone
11- Naphtahelene Isoconcentration Map – Deep Zone
12- C_5-C_8 Aliphatics Isoconentration Map – Shallow Zone
13- C_5-C_8 Aliphatics Isoconentration Map – Deep Zone
14- C_9-C_{10} Aromatics Isoconcetration Map – Shallow Zone
15- C_9-C_{10} Aromatics Isoconcentration Map – Deep Zone
16- C_9-C_{12} Aliphatics Isoconcentration Map – Shallow Zone
17- C_9-C_{10} Aliphatics Isoconcentration Map – Deep Zone

Appendices:

Appendix A – Laboratory Analytical Report

Appendix B – Mann-Kendall Trend Test Data Sheets

1 INTRODUCTION

The EI Group, Inc. (EI) has completed this *Groundwater Monitoring Report* on behalf of Resinall Mississippi, Inc. (RMS) that documents the groundwater sampling and laboratory analytical results associated with the RMS facility located in Hattiesburg, Mississippi, the Site. As per the approved *2018 Groundwater Monitoring Work Plan*, groundwater samples were collected from a select number of monitoring wells from May 28th through 30th, 2018: MW-2, MW-2D, MW-3D, MW-6S, MW-6D, MW-7, MW-9, MW-10S, MW-10D, MW-11D, MW-12S, MW-12D, MW-13D, MW-14S, MW-14D, MW-16, MW-17, MW-20S, MW-20D, MW-21S, MW-21D, MW-22S, MW-22D, MW-24S, MW-24D, MW-25S, MW-25D, MW-26S, MW-26D, MW-27S, MW-27D, MW-28S, MW-28D and H-Simmons WSW, a private water supply well in the Dixie Pine Community. **Figure 1** shows the extent of the monitoring well network across the facility and in the Dixie Pine community.

This *Groundwater Monitoring Report* is part of Resinall's voluntary effort to track groundwater contaminant movement and stability on a quarterly basis for 2018. The data presented herein will be used to evaluate, manage and minimize any potential risks to human health and the environment.

2 GROUNDWATER MONITORING

2.1 GROUNDWATER SAMPLING AND ANALYSIS

Depth-to-water measurements were collected from the monitoring wells using a water level meter and recorded for tabulation and groundwater flow mapping. Depth-to-water measurements and elevations are summarized in **Table 1**. The samples were collected using an in-line peristaltic pump with disposable tubing or disposable bailers. Where the in-line peristaltic pump was used, water quality parameters [e.g., pH, temperature, specific conductivity, turbidity, oxidation-reduction potential (ORP), etc.] were monitored and allowed to stabilize prior to sample collection. The water parameter data are summarized in **Table 2**. For those monitoring wells that were bailed, at least three water column volumes were purged, or the well was purged dry and allowed to recharge prior to sampling. Once groundwater parameters stabilized or groundwater levels recharged, groundwater samples were collected and transferred into laboratory-prepared sample containers and immediately transferred into a cooler with ice.

The water supply well at 142 Shelby Street was sampled (H Simmons WSW) after purging 55 gallons of water from the well, containerized in a steel drum, and then sampled at the spigot.

Samples were transported overnight via FedEx to Pace Analytical Laboratories under chain-of-custody protocol for the following analyses: volatile organics by EPA Method 8260B, and total petroleum hydrocarbons (TPHs) for aliphatic and aromatic hydrocarbon fraction classes via MADEP methods VPH and EPH. The samples were submitted for analysis on a standard turnaround time basis.

2.2 INVESTIGATION-DERIVED WASTES

All purge water was transferred from the wells into steel 55-gallon steel drums for staging and disposal. Each drum was labeled with the well identification, contents, date, and classification as non-hazardous waste. Drums containing investigation-derived waste were re-located to a staging area within the RMS facility pending disposal in Resinall's permitted wastewater treatment system.

3 GROUNDWATER RESULTS

3.1 GROUNDWATER/AQUIFER CHARACTERISTICS

Groundwater across the entire monitoring well network occurs under water table conditions within 20 feet of the land surface for the current assessment, ranging from nearly six feet deep at MW-16 to just over 17 feet deep at MW-27D. Refer to **Table 1** for the depth-to-water measurements and elevations for the current assessment. Groundwater flow in the uppermost portion of the saturated zone is toward the northeast then east over a horizontal hydraulic gradient of 0.005. **Figure 2** illustrates the groundwater elevations and projected direction of groundwater flow within the shallow zone from the current monitoring event. Groundwater flow deeper in the surficial aquifer is also toward northeast then east over a hydraulic gradient of 0.006 at the Site. The direction of groundwater flow in the shallow zone and deeper in the surficial aquifer shifts toward the southeast at the down gradient-eastern limits of the monitoring well network in the Dixie Pine Community due to close proximity to the Leaf River. The vertical hydraulic gradient in the deeper zone is 0.006. **Figure 3** illustrates groundwater elevations and projected direction of flow within the deeper zone for the current monitoring event.

3.1 NATURE AND EXTENT OF GROUNDWATER CONTAMINATION

Table 2 summarizes the laboratory analytical results for the groundwater samples and compares these results to Mississippi Target Remedial Goals (TRGs). Groundwater analytical results from this monitoring event (samples collected May 28th – May 30, 2018) are summarized side-by-side with groundwater analytical results from previous groundwater monitoring events except for those monitoring wells that were excluded from this quarterly monitoring event per the most recent work plan approved by MDEQ. Groundwater contaminants that were detected at concentrations less than the laboratory reporting limit were estimated above the method detection limit and are reported as J-values. Free phase liquids were not observed during groundwater sampling activities.

The laboratory analytical results indicate the presence of dicyclopentadiene (DCPD) in MW-2, MW-3D, MW-6D, MW-7, MW-9, MW-10S, MW-10D, MW-11D, MW-12S, MW-12D, MW-13D, MW-14D, MW-17, MW-20S, MW-20D, MW-21S, MW-21D, MW-25D, MW-26D and H Simmons WSW at concentrations that exceed the respective MDEQ Groundwater TRG for DCPD of 0.438 micrograms per liter (µg/L) or parts per billion (ppb). The maximum DCPD concentrations were detected in the shallow zone at MW-7 and MW-17. DCPD was not detected in the shallow monitoring wells beyond James Street in the Dixie Pine Community. **Figure 4** illustrates the distribution of DCPD groundwater impacts in the shallow saturated zone for the current event.

The maximum DCPD concentrations were detected in the deep zone at MW-13D (25.6 ppb) in the plant area and at MW-10D (27.4 ppb). In addition, DCPD was detected at 1.8 ppb at MW-26D and in the private water supply well sample (H Simmons WSW) at 1.8 ppb. Additionally, DCPD was detected at 1.3 ppb in MW-25D. These concentrations also exceed the TRG. **Figure 5** illustrates the distribution of DCPD groundwater impacts deeper in the saturated zone for the current event. DCPD was not detected in any of the remaining wells sampled in the Dixie Pine Community east of James Street.

In addition, benzene was detected in MW-2, MW-6D, MW-7, MW-10D, MW-12S, MW-13D, MW-20D, and MW-21D at concentrations that exceed the benzene TRG of 5 ppb. Benzene concentrations in the shallow zone ranged from 0.31 J ppb in MW-21S to 19.7 ppb in MW-7, while benzene concentrations deeper in the surficial aquifer ranged from 0.29 J at H Simmons WSW to 36.4 ppb in MW-13D. Benzene was also estimated at a concentration of 0.44 J in MW-25D. Benzene concentrations do not exceed the TRG of 5 ppb in the monitoring wells beyond James Street in the Dixie Pine Community. **Figures 6** and **7** illustrate the distribution of benzene groundwater impacts in the shallow and deep saturated zones during the current event. Toluene was detected in the shallow zone at concentrations ranging from 0.28 J ppb in MW-7 to 626 ppb at MW-6S. In addition, toluene was detected deeper in the surficial aquifer at concentrations ranging from 0.44 J ppb in MW-13D to 5.7 ppb at MW-6D. These concentrations do not exceed the respective TRG of 1,000. **Figures 8** and **9** illustrate the extents of toluene groundwater impacts in the shallow and deep saturated zones for the current event. Naphthalene was detected in the shallow zone at concentrations exceeding the TRG of 6.2 ppb at MW-2 (10.7 ppb) and at MW-17 (7.3 ppb). Naphthalene was detected in the deep zone at concentrations ranging from 0.27J at MW-20D (near James Street) to 6.2 ppb at MW-6D. None of these concentrations exceed the TRG of 6.2 ppb. **Figures 10** and **11** illustrate the extents of naphthalene groundwater impacts in the shallow and deep saturated zones, respectively, for the current event.

The laboratory analytical results report C_5-C_8 aliphatic petroleum hydrocarbon fractions in the shallow saturated zone at concentrations exceeding the respective Tier II TRG of 400 ppb in MW-2 (1,240 ppb), MW-6S (1,170 ppb) and MW-17 (214ppb). C_5-C_8 aliphatics were also detected in MW-7 (98 ppb); however, the reported concentrations do not exceed the respective Tier II TRG. Additionally, C_5-C_8 aliphatics were detected deeper in the saturated zone at lower concentrations from 51.7 ppb at MW-21D to 111 ppb at MW-13D. There were no C_5-C_8 aliphatic exceedances of the respective Tier II TRG of 400 ppb reported for wells deeper in the surficial aquifer. **Figures 12** and **13** illustrate the extents of groundwater impacts from C_5-C_8 aliphatics in the shallow and deep saturated zones, respectively, for the current event.

The laboratory analytical results report C_9-C_{10} aromatic petroleum hydrocarbon fractions in the shallow saturated zone at concentrations exceeding the respective Tier II TRG of 200 ppb in MW-2 (350 ppb), MW-6S (455 ppb) and MW-17 (402ppb). Additionally, C_9-C_{10} aromatics were detected deeper in the saturated zone at lower concentrations in MW-13D (68.1 ppb), MW-6D

(70.8 ppb) and MW-10D (72.6 ppb). The reported C_9-C_{10} aromatics concentrations for wells deeper in the surficial aquifer do not exceed the respective Tier II TRG of 200 ppb. **Figures 14** and **15** illustrate the extent of groundwater impacts from C_9-C_{10} aromatics in the shallow and deep saturated zones, respectively, for the current event. C_9-C_{18} aliphatic petroleum hydrocarbons were detected in MW-2 (145 ppb) and MW-17 (148 ppb), both less than the respective Tier II TRG of 200 ppb. This fraction class was not detected in any of the other samples. C_9-C_{12} aliphatic hydrocarbons were also detected in the shallow saturated zone in MW-2 at 441 ppb, MW-6S at 968 ppb, MW-7 at 145 and MW-17 at 529. In addition, C_9-C_{12} aliphatics were detected deeper in the saturated zone in MW-6D at 63.7 ppb, MW-10D at 76.7 ppb, MW-13D at 57.7 and MW-21D at 55 ppb. The C_9-C_{12} aliphatic concentrations do not exceed the Tier II TRG of 4,000 ppb. **Figures 16** and **17** illustrate the extents of groundwater impacts from C_9-C_{12} aliphatics in the shallow and deep saturated zones, respectively, for the current event. Refer to **Table 2.** A copy of the laboratory analytical report is included in **Appendix A**.

3.2 QUALITY CONTROL SAMPLING RESULTS

One duplicate sample, "DUP-1," was collected from MW-20S, the primary sample, during sampling activities. The purpose of the field duplicate is to evaluate the precision of the overall sample collection and analysis process through the calculation of the relative percent difference (RPD) for the duplicate pair. The QC limit for RPD is 30 percent (%) for the duplicate pairs with concentrations reported at or above the reporting limits for the analytical method. Laboratory analytical results of the quality control sample "DUP-1" detected DCPD at a concentration of 13.4 ppb, whereas, DCPD was detected at 13.6 ppb in the primary sample. The RPD for the duplicate pair is 1.48%, which is within acceptable limits. Benzene was detected in "DUP-1" and MW-20S at 3.4 ppb and 2.6 ppb, respectively. The RPD for benzene in the duplicate pair is 26.67%, also within acceptable limits. Refer to **Table 3**.

3.3 GROUNDWATER CONTAMINANT TREND ANALYSIS

The Mann-Kendall test was performed to evaluate the trend(s) of select contaminants and their concentrations at certain monitoring wells along the general groundwater flow path at the RMS. The contaminant concentrations or data values are evaluated as a time-ordered series and compared to all subsequent data values.

Chemical concentration versus time graphs were generated for monitoring wells having compound detected over four monitoring events. The graphs were generated for MW-2, MW-6S, MW-7, MW-10S, MW-12S, MW-13D, MW-6D, and MW-10D. The Mann-Kendall results indicate that DCPD is decreasing in the shallow saturated zone and stable to decreasing deeper in the saturated zone. Benzene is decreasing-stable in the shallow saturated zone and increasing-stable deeper in the saturated zone. Toluene is decreasing in the shallow saturated zone and exhibits no trend in the deep zone. Total xylenes are stable in the shallow zone and exhibit no trend in the deep zone.

C_5-C_8 aliphatics are stable-decreasing in the shallow zone and exhibit no trend in the deep zone. The data tables showing historical chemical concentrations for the monitoring events and concentration versus time graphs are included in **Appendix B**.

4 CONCLUSIONS AND RECOMMENDATIONS

A summary of the findings and conclusions pertaining to the 2Q 2018 groundwater monitoring event at and near RMS is provided below.

- Groundwater quality data from the monitoring well network (12) in the Dixie Pine Community confirms that limited contamination from RMS has migrated east beyond James Street (Old Highway 49) and impacted one private water supply well and two deep monitoring wells. Two of these wells are located on the same residential property (H Simmons WSW and MW-25D) and the third monitoring well (MW-26D) is located on the Nelson property closer to the intersection of James Street with Shelby Street. DCPD is the only contaminant in these wells that exceeds the regulatory standard (MDEQ TRG). These concentrations are considered to be present at low levels based on the analytical data.

- The groundwater contaminant plume appears to be stable to decreasing.

- No new risks to the environment and human health were discovered during this monitoring event.

➢ Recommendations:

  - The 3rd quarter 2018 groundwater monitoring event should be conducted as scheduled in accordance with the approved work plan.

TABLES

Table 1
Monitoring Well Information
Resinall, Hattiesburg, Mississippi
EI Project No.: ENMO180110.00

Well ID #	Total Depth (feet)	T.O.C. Elevation (feet)	Depth to Water (feet) MAY/JUNE 2018	Static Water Level Elevation (feet) MAY/JUNE 2018
MW-1	20.0	98.78	9.25	89.53
MW-2	22.0	100.98	9.85	91.13
MW-2D	35.0	100.92	9.81	91.11
MW-3	25.4	102.66	15.01	87.65
MW-3D	50.0	103.5	13.58	89.92
MW-4	20.0	100	8.73	91.27
MW-5	22.0	98.15	13.25	84.90
MW-5D	53.0	97.02	12.06	84.96
MW-6S	13.0	104.7	9.07	95.63
MW-6M	20.0	104.65	16.59	88.06
MW-6D	29.3	104.67	NM	NA
MW-7	24.0	101.46	13.49	87.97
MW-8	24.0	103.52	15.85	87.67
MW-9	25.4	99.93	12.29	87.64
MW-10S	23.0	97.44	12.47	84.97
MW-10D	38.1	97.51	12.99	84.52
MW-11S	23.2	102.08	14.08	88.00
MW-11D	54.0	102.13	14.58	87.55
MW-12S	22.0	99.57	13.51	86.06
MW-12D	55.6	99.27	13.66	85.61
MW-13D	50.0	102.23	11.21	91.02
MW-14S	20.0	100.34	9.14	91.20
MW-14D	40.0	100.41	9.74	90.67
MW-15	20.0	98.57	11.12	87.45
MW-16	22.0	97.72	6.32	91.40
MW-17	23.0	99.89	8.87	91.02
MW-18	20.0	98.56	8.78	89.78
MW-19	20.0	101.25	11.62	89.63
MW-20S	24.0	99.51	15.32	84.19
MW-20D	55.0	99.54	15.89	83.65
MW-21S	20.0	99.79	14.99	84.80
MW-21D	55.0	99.85	15.73	84.12
MW-22S	20.0	99.17	13.51	85.66
MW-22D	45.0	99.06	15.02	84.04
MW-23S	20.0	103.87	12.85	91.02
MW-23D	35.0	103.89	12.91	90.98
MW-24S	23.0	92.68	13.02	79.66
MW-24D	50.0	92.27	12.68	79.59
MW-25S	25.0	93.13	13.54	79.59
MW-25D	52.0	93.01	13.78	79.23
MW-26S	23.0	96.53	14.44	82.09
MW-26D	64.0	96.6	14.81	81.79
MW-27S	23.0	95.19	15.71	79.48
MW-27D	62.0	95.39	17.15	78.24
MW-28S	23.0	91.01	12.05	78.96
MW-28D	50.0	90.87	12.97	77.90
MW-29S	25.0	94.78	NM	NA
MW-29D	52.0	94.72	NM	NA

Note: Elevations shown are based on an assumed benchmark elevation of 100 feet above mean sea level for MW-4. Monitoring well designations ending with "D" indicate the well was screened deeper in the saturated zone/aquifer. All other wells were completed/screened in the shallow saturated zone. NM-not measured, NA - Not applicable

TABLE 2
Summary of Groundwater Parameter Data
Resinall, Hattiesburg, Misssissippi
EI Project No.: ENMO180110.00

Well ID#	Sample Date	Temperature (C°)	Conductivity	Specific Conductivity ($\mu S/cm^3$)	Dissolved Oxygen (%)	pH	ORP
MW-12S	5/28/2018	17.04	347	0.293	18.30	6.28	-27.00
		17.04	300	0.253	11.60	6.11	-22.80
		16.95	281	0.238	6.80	6.03	-23.10
		16.93	275	0.232	5.10	6.07	-28.10
		16.93	266	0.225	4.30	6.09	-27.80
		16.92	255	0.216	3.70	6.12	-29.70
MW-12D	5/28/2018	17.62	205	0.176	8.40	6.23	6.8
		17.63	205	0.176	6.60	6.64	9.4
		17.63	205	0.176	6.80	6.04	3.4
		17.53	205	0.176	6.30	6.07	-0.6
		17.53	205	0.176	6.00	6.10	-3.3
		17.48	205	0.175	5.70	6.11	-10.3
		17.48	205	0.175	5.50	6.12	-12.5
		17.51	205	0.175	5.50	6.11	-14.3
MW-2S	5/28/2018	19.92	248	0.224	16.20	6.93	-102.9
		19.82	248	0.223	10.00	6.84	-105.4
		19.79	247	0.222	6.80	6.77	-110.7
		20.19	244	0.222	5.70	6.67	-112.4
		20.39	243	0.222	6.00	6.66	-114.3
		20.50	241	0.221	4.50	6.66	-117.4
		20.72	240	0.220	4.00	6.65	-122.9
		20.78	235	0.216	3.60	6.63	-125.5
		20.73	229	0.210	3.20	6.61	-126.2
		20.83	224	0.206	3.00	6.58	-127.5
MW-2D	5/28/2018	19.83	106	0.095	10.20	6.62	6.6
		19.74	105	0.095	7.40	6.53	6.5
		19.81	104	0.094	4.80	6.43	6.4
		19.74	104	0.094	4.00	6.40	6.4
		19.79	103	0.093	3.40	6.36	6.4
		19.82	102	0.092	3.40	6.37	6.4
		19.89	100	0.090	3.40	6.36	6.4
		19.95	98	0.088	3.30	6.36	6.4
		19.90	97	0.088	3.30	6.35	6.4
		19.79	96	0.086	3.20	6.32	6.3
MW-11S	5/29/2018	17.25	360	0.306	22.30	5.07	100.80
		17.19	362	0.309	22.30	5.06	94.80
		17.15	380	0.323	22.60	5.05	87.10
		17.41	397	0.338	19.30	5.04	85.40
		17.15	409	0.348	17.40	5.03	84.10
		17.18	435	0.371	15.00	5.00	82.80
		17.18	455	0.388	13.90	4.98	83.60
		17.21	468	0.399	13.00	4.97	83.20
MW-11D	5/29/2018	17.51	203	0.174	24.30	6.01	107.6
		17.50	203	0.174	21.30	6.01	108.2
		17.56	203	0.174	19.30	6.01	110.0
		17.62	203	0.175	19.00	6.01	111.3
		17.66	203	0.175	18.80	6.00	112.4
		17.71	203	0.175	18.10	6.00	112.9
		17.73	204	0.175	18.50	6.00	114.2
		17.75	203	0.175	18.50	6.00	114.6

TABLE 2
Summary of Groundwater Parameter Data
Resinall, Hattiesburg, Misssissippi
EI Project No.: ENMO180110.00

Well ID#	Sample Date	Temperature (C°)	Conductivity	Specific Conductivity (µS/cm³)	Dissolved Oxygen (%)	pH	ORP
MW-9	5/29/2018	18.19	313	0.272	27.40	6.44	15.0
		18.20	312	0.271	17.60	6.39	14.2
		18.22	311	0.271	13.50	6.26	18.7
		18.21	306	0.267	12.20	6.96	32.0
		18.19	304	0.265	10.70	6.00	28.7
		18.18	304	0.264	9.20	6.09	23.8
		18.25	302	0.263	8.50	6.13	18.2
		18.20	302	0.263	7.80	6.14	17.8
MW-7	5/29/2018	18.80	282	0.249	8.70	6.38	20.5
		18.67	283	0.248	8.50	6.37	20.6
		18.62	283	0.248	6.40	6.34	21.4
		18.60	283	0.249	5.00	6.31	22.1
		18.56	284	0.249	4.30	6.30	22.1
		18.59	284	0.249	4.10	6.28	22.4
		18.61	284	0.249	4.40	6.27	22.5
		18.63	284	0.250	4.00	6.27	22.4
MW-21D	5/29/2018	18.12	197	0.171	20.80	6.04	103.3
		17.30	190	0.162	9.20	5.58	119.5
		17.32	189	0.161	6.40	5.90	106.6
		17.25	188	0.160	6.60	5.99	102.7
		17.41	186	0.159	6.40	6.01	102.7
		17.36	186	0.159	6.10	6.05	101.9
		17.31	186	0.159	5.90	6.05	102.3
		17.32	186	0.159	5.90	6.05	102.7
MW-21S	5/29/2018	17.97	120	0.104	123.40	4.67	178.3
		17.52	130	0.111	40.40	4.97	179.5
		17.34	139	0.119	31.40	4.95	178.5
		17.36	146	0.125	24.90	5.16	165.7
		17.45	149	0.128	22.30	5.29	153.8
		17.39	151	0.129	22.00	5.38	143.9
		17.29	152	0.130	20.40	5.40	141.1
		17.28	153	0.131	19.60	5.42	137.7
MW-20D	5/29/2018	19.47	280	0.251	12.70	6.08	112.6
		19.53	280	0.251	10.60	6.06	115.1
		18.96	282	0.249	6.90	6.05	118.4
		19.02	281	0.249	5.80	6.04	120.3
		19.13	280	0.249	5.70	6.03	121.0
		19.32	280	0.250	6.40	6.03	121.4
		19.57	281	0.251	4.50	6.00	121.9
		19.47	281	0.251	4.40	5.99	122.3
MW-20S	5/29/2018	19.08	177	0.157	20.00	5.80	104.3
		18.51	178	0.156	10.80	5.71	108.9
		18.64	179	0.157	9.50	5.75	103.4
		18.59	180	0.158	9.40	5.78	99.1
		18.47	181	0.159	8.30	5.81	91.8
		18.47	184	0.161	8.30	5.84	86.1
		18.54	189	0.166	7.40	5.88	77.6
		18.52	192	0.168	6.30	5.89	73.5
		18.44	193	0.169	5.70	5.90	70.9
		18.48	193	0.169	5.30	5.89	70.4

TABLE 2
Summary of Groundwater Parameter Data
Resinall, Hattiesburg, Misssissippi
EI Project No.: ENMO180110.00

Well ID#	Sample Date	Temperature (C°)	Conductivity	Specific Conductivity (µS/cm³)	Dissolved Oxygen (%)	pH	ORP
MW-27D	5/30/2018	17.04	280	0.237	12.50	4.91	-25.1
		17.01	279	0.236	6.80	4.55	-25.3
		16.92	279	0.236	5.60	4.51	-25.6
		17.01	280	0.238	3.90	4.43	-26.2
		16.98	280	0.237	3.30	4.40	-26.5
		16.97	281	0.238	3.00	4.38	-26.8
		16.95	281	0.237	2.90	4.38	-27.6
		16.96	281	0.238	2.90	4.33	-27.5
MW-27S	5/30/2018	17.20	70	0.060	76.50	4.91	133.6
		17.16	67	0.057	72.60	4.55	168.2
		17.10	66	0.056	68.90	4.51	174.3
		16.99	65	0.056	70.70	4.43	182.9
		16.98	65	0.055	72.80	4.40	186.2
		17.08	65	0.055	70.30	4.38	189.6
		17.08	65	0.055	66.90	4.38	191.3
		17.03	65	0.055	68.50	4.33	165.3
MW-24S	5/30/2018	16.39	74	0.062	37.50	4.74	158.4
		16.39	71	0.059	32.20	4.66	164.3
		16.36	71	0.059	31.50	4.64	167.3
		16.27	70	0.058	29.40	4.61	170.5
		16.33	69	0.058	28.00	4.59	173.1
		16.29	69	0.057	28.00	4.57	174.6
		16.20	69	0.058	27.10	4.56	176.2
		16.21	69	0.057	25.10	4.55	178.8
MW-24D	5/30/2018	16.47	256	0.214	5.60	7.94	-37.3
		16.47	255	0.213	3.60	7.94	-47.2
		16.46	255	0.213	3.40	7.94	-49.3
		16.45	254	0.213	3.10	7.95	-53.5
		16.42	254	0.213	2.80	7.94	-55.4
		16.47	254	0.213	2.70	7.95	-58.9
		16.42	254	0.213	2.50	7.96	-60.2
		16.43	255	0.213	2.40	7.98	-63.5

TABLE 2
Summary of Groundwater Parameter Data
Resinall, Hattiesburg, Misssissippi
EI Project No.: ENMO180110.00

Well ID#	Sample Date	Temperature (C°)	Conductivity	Specific Conductivity ($\mu S/cm^3$)	Dissolved Oxygen (%)	pH	ORP
MW-26S	5/30/2018	17.94	40	0.035	72.20	4.35	171.8
		17.88	39	0.034	64.50	4.24	184.4
		17.83	39	0.034	62.90	4.22	188.2
		17.65	38	0.033	63.20	4.15	190.6
		17.67	39	0.033	61.50	4.13	200.4
		17.70	38	0.033	60.20	4.09	202.8
		17.72	37	0.032	59.30	4.05	207.6
		17.74	37	0.032	59.90	4.02	211.2
MW-26D	5/30/2018	18.27	254	0.221	12.60	6.89	72.0
		18.27	254	0.221	7.50	7.01	57.6
		18.20	256	0.222	5.40	7.16	38.2
		18.19	257	0.224	5.10	7.20	32.2
		18.22	258	0.225	5.00	7.24	36.0
		18.19	258	0.255	4.50	7.25	22.1
		18.18	259	0.225	3.90	7.26	19.4
		18.23	259	0.255	4.50	7.27	16.2
MW-25S	5/30/2018	16.22	96	0.080	6.48	4.16	198.5
		16.15	94	0.078	5.94	4.03	205.4
		16.22	93	0.077	5.62	4.35	194.0
		16.20	92	0.076	5.25	4.47	191.0
		16.23	92	0.076	5.05	4.52	189.6
		16.32	91	0.076	4.45	4.54	189.3
		16.44	91	0.076	4.65	4.55	189.1
		16.42	91	0.076	4.34	4.59	188.6
		16.03	91	0.076	4.26	4.60	188.7
		16.02	91	0.075	3.95	4.51	192.2
		16.27	91	0.076	3.83	4.58	188.4
		16.30	91	0.076	3.70	4.64	188.2
		16.40	92	0.076	3.52	4.68	184.6
		16.41	92	0.077	3.55	4.70	183.2
MW-25D	5/31/2018	16.40	224	0.187	20.00	6.10	28.4
		16.25	224	0.186	19.00	5.93	84.8
		16.26	222	0.184	14.50	5.35	100.0
		16.16	220	0.182	12.00	5.34	104.5
		16.10	220	0.183	11.80	5.33	104.3
		16.12	220	0.183	12.30	5.33	101.9
		16.11	220	0.183	12.20	5.35	100.6
		16.13	220	0.183	12.00	5.44	94.8
		16.09	221	0.183	10.00	5.52	89.7
		16.19	221	0.183	10.10	5.64	83.3
		16.00	221	0.184	7.70	5.70	78.8
		16.20	221	0.184	6.40	5.76	75.1
		16.19	221	0.184	5.40	5.77	74.9
		16.19	222	0.184	5.11	5.77	73.7
		16.32	222	0.185	3.70	5.77	71.0
		16.33	221	0.185	3.50	5.78	70.9
		16.33	221	0.185	3.50	5.78	70.8
		16.34	221	0.185	3.50	5.78	70.9

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-1					MW-2					MW-2D				MW-3				
Sample Date		8/2/2016	11/30/2016	8/10/2017	2/22/2018	5/28/2018	8/1/2016	11/30/2016	8/8/2017	2/26/2018	5/28/2018	11/30/2016	8/8/2017	2/26/2018	5/28/2018	8/2/2016	11/29/2016	8/9/2017	2/22/2018	5/28/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																		
	MS DEQ Tier 2 TRGs (ug/L)																			
C9-C18 Aliphatic	200	ND	ND	ND	ND	NtS	**249**	101	ND	ND	145	ND	ND	ND	ND	ND	ND	ND	ND	NtS
C19-C36 Aliphatic	5000	ND	ND	ND	ND	NtS	149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
C11-C22 Aromatic	200	ND	ND	**1880**	ND	NtS	176	ND	**1320**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
C5-C8 Aliphatic	400	ND	ND	ND	ND	NtS	**1120**	**1160**	**831**	66.8	**1240**	ND	ND	ND	ND	ND	ND	ND	ND	NtS
C9-C12 Aliphatic	4000	ND	ND	ND	ND	NtS	205	215	ND	190	441	ND	ND	ND	ND	ND	ND	ND	ND	NtS
C9-C10 Aromatic	200	60.4	64.3	ND	54.5	NtS	**341**	**418**	**405**	**292**	**350**	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																		
	MS DEQ Tier 1 TRGs (ug/L)																			
Benzene	5	0.36J	ND	ND	ND	NtS	**8.0**	**8.1**	**7.4**	1.5	**5.8**	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Acetone	608	ND	ND	ND	ND	NtS	ND	10.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Bromodichloromethane	0.168	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Bromoform	8.48	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Chloroform	0.155	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	**0.56J**	ND	ND	ND	ND	ND	ND	ND	NtS
Chloromethane	1.43	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	0.49J	ND	ND	ND	ND	ND	ND	ND	NtS
Dibromochloromethane	0.126	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Dicyclopentadiene	0.438	ND	ND	ND	ND	NtS	**45.6**	**27.4**	**37.0**	**245**	**28.5**	ND	ND	ND	ND	**1.1**	ND	ND	ND	NtS
Ethylbenzene	700	ND	ND	ND	ND	NtS	**11.6**	**8.5**	**15.8**	**8.3**	**15.9**	0.47J	ND	ND	ND	ND	ND	ND	ND	NtS
2-Hexanone	1460	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	0.90J	ND	ND	ND	ND	ND	ND	ND	NtS
1,2-Dichloroethane	5	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,1,2-trichloroethane	5	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
p-isopropyltoluene	NS	ND	ND	ND	ND	NtS	**1.8J**	**2.2**	ND	ND	ND	ND	ND	ND	ND	4.4	0.57J	ND	ND	NtS
Methylene chloride	5.00	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Naphthalene	6.2	**15.9**	**2.2**	**2.3**	**5.6**	NtS	**13.4**	**6.3**	**11.7**	2.4	**10.7**	ND	0.48J	ND	**0.54J**	ND	ND	ND	ND	NtS
2-Butanone (MEK)	1910	ND	ND	ND	ND	NtS	ND	32.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
2-Chlorotoluene	122	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,4-Dichlorobenzene	75	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Toluene	1000	ND	ND	ND	ND	NtS	**1.7J**	**1.6**	**1.8**	**1.2**	**1.0J**	0.53J	ND	ND	ND	ND	ND	ND	ND	NtS
Methyl-tert-butyl ether	40	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Styrene	100	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	0.50J	ND	ND	ND	ND	ND	ND	ND	NtS
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Total Xylenes (m,p,o)	10000	ND	ND	ND	ND	NtS	**21.5**	**15.9**	**44.9**	**3.0**	**18.1**	ND	ND	ND	ND	ND	ND	ND	ND	NtS
All other analytes	NS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Total VOCs (Calc)	N/A	15.90	2.20	2.30	5.60	NtS	100.10	102.70	118.60	261.40	80.00	0.00	0.00	0.00	0.54J	5.50	0.00	0.00	0.00	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-1					MW-2					MW-2D				MW-3				
Sample Date		8/2/2016	11/30/2016	8/10/2017	2/22/2018	5/28/2018	8/1/2016	11/30/2016	8/8/2017	2/26/2018	5/28/2018	11/30/2016	8/8/2017	2/26/2018	5/28/2018	8/2/2016	11/29/2016	8/9/2017	2/22/2018	5/28/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		**LABORATORY RESULTS (ug/L)**																		
	MS DEQ Tier 1 TRGs (ug/L)																			
Fluorene	243	0.55	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Acenaphthene	365	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Anthracene	43.4	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Benzo(a)anthracene	0.0917	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Benzo(a)pyrene	0.20	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Benzo(b)fluoranthene	0.0917	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Benzo(g,h,i)perylene	1100	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	2.5J	ND	NtS
Benzo(k)fluoranthene	0.917	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Benzoic Acid	146000	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Butylbenzylphthalate	2690	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Chrysene	9.17	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Dibenz(a,h)anthracene	0.00917	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	**2.8J**	ND	NtS
Fluoranthene	1460	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
3,3'-Dichlorobenzidine	0.149	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
2,4-Dimethylphenol	730	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Di-n-butylphthalate	3650	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Di-n-octylphthalate	20.0	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
4-Chloroaniline	146	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
1-Methylnaphthalene	NS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
2-Methylnaphthalene	122	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Naphthalene	6.2	**9.3**	ND	ND	ND	NtS	**9.6**	2.6 J	1.7	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
bis(2-ethylhexyl)phthalate	6	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	2.2 J	ND	ND	NA	ND	ND	ND	ND	NtS
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	**2.9J**	ND	NtS
3&4-methylphenol	183	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
2-methylphenol(o-Cresol)	1830	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Phenanthrene	1100	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Pyrene	183	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Phenol	21900	ND	ND	ND	3.2J	NtS	ND	ND	ND	13.7	NA	ND	ND	27.5	NA	ND	ND	ND	14.3	NtS
All other analytes	NS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Total Semi-VOCs (Calc)	N/A	9.85	0.00	0.00	0.00	NtS	9.60	0.00	1.70	13.70	NA	0.00	0.00	27.50	NA	0.00	0.00	0.00	14.30	NtS
RCRA Metals by 6010C/7470		**LABORATORY RESULTS (ug/L)**																		
	MS DEQ Tier 1 TRGs (ug/L)																			
Arsenic	50	**109**	**155**	**118**	**106**	NtS	**55.8**	**85.4**	ND	ND	NA	ND	ND	ND	NA	37.9	5.9J	23.2	30.8	NtS
Barium	2000	449	366	272	201	NtS	285	520	52.6	74.5	NA	224	104	149	NA	430	216	472	504	NtS
Cadmium	5	1.4	2.3	0.74J	1.3	NtS	1.5	1.0	ND	ND	NA	ND	ND	ND	NA	0.98J	ND	2.0	ND	NtS
Chromium	54800	116	101	38.6	62.7	NtS	101	195	ND	2.5J	NA	6.7	3.2J	70.0	NA	41.4	3.3J	5.5	2.8J	NtS
Lead	15	**78.1**	**67.4**	**20.1**	**33.4**	NtS	**56.7**	**111**	ND	ND	NA	3.0J	ND	ND	NA	**28.8**	2.6J	7.1	ND	NtS
Selenium	50	11.2	ND	ND	ND	NtS	6.1J	18.4	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Silver	183	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	NtS
Mercury	2	0.48	0.26	ND	ND	NtS	0.33	ND	ND	ND	NA	ND	ND	ND	NA	0.16J	ND	ND	ND	NtS
Hexavalent Chromuim by 7196		**LABORATORY RESULTS (ug/L)**																		
	MS DEQ Tier 1 TRGs (ug/L)																			
Hexavalent Chromium	100	ND	NA	ND	ND	NtS	ND	NA	41	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-3D				MW-4					MW-5					MW-5D			
Sample Date		11/29/2016	8/10/2017	2/22/2018	5/29/2018	8/1/2016	11/30/2016	8/9/2017	2/23/2018	5/28/2018	8/1/2016	11/28/2016	8/10/2017	2/22/2018	5/28/2018	11/28/2016	8/10/2017	2/22/2018	5/28/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 2 TRGs (ug/L)																		
C9-C18 Aliphatic	200	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
C19-C36 Aliphatic	5000	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
C11-C22 Aromatic	200	ND	**229**	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
C5-C8 Aliphatic	400	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
C9-C12 Aliphatic	4000	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
C9-C10 Aromatic	200	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Acetone	608	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Bromodichloromethane	0.168	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Bromoform	8.48	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Chloroform	0.155	**0.57J**	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Chloromethane	1.43	ND	ND	ND	0.18J	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Dibromochloromethane	0.126	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Dicyclopentadiene	0.438	ND	**0.49J**	**1.0**	**0.93J**	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
2-Hexanone	1460	0.60J	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
p-isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	0.75J	ND	ND	NtS
Methylene chloride	5.00	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Naphthalene	6.2	ND	ND	0.34J	ND	ND	ND	ND	0.33J	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	0.37J	ND	ND	NtS
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Total Xylenes (m,p,o)	10000	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Total VOCs (Calc)	N/A	0.00	0.00	1.00	.18J	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-3D				MW-4					MW-5					MW-5D			
Sample Date		11/29/2016	8/10/2017	2/22/2018	5/29/2018	8/1/2016	11/30/2016	8/9/2017	2/23/2018	5/28/2018	8/1/2016	11/28/2016	8/10/2017	2/22/2018	5/28/2018	11/28/2016	8/10/2017	2/22/2018	5/28/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Fluorene	243	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Acenaphthene	365	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Anthracene	43.4	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzo(a)anthracene	0.0917	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzo(a)pyrene	0.20	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzo(b)fluoranthene	0.0917	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzo(g,h,i)perylene	1100	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzo(k)fluoranthene	0.917	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzoic Acid	146000	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Butylbenzylphthalate	2690	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Chrysene	9.17	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Dibenz(a,h)anthracene	0.00917	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Fluoranthene	1460	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
3,3'-Dichlorobenzidine	0.149	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
2,4-Dimethylphenol	730	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Di-n-butylphthalate	3650	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Di-n-octylphthalate	20.0	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
4-Chloroaniline	146	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1-Methylnaphthalene	NS	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
2-Methylnaphthalene	122	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Naphthalene	6.2	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
bis(2-ethylhexyl)phthalate	6	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
3&4-methylphenol	183	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	8.9J	ND	NtS	ND	ND	ND	NtS
2-methylphenol(o-Cresol)	1830	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Phenanthrene	1100	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Pyrene	183	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Phenol	21900	ND	ND	ND	NA	ND	ND	ND	5.4J	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
All other analytes	NS	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Total Semi-VOCs (Calc)	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	NtS
RCRA Metals by 6010C/7470		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Arsenic	50	ND	9.6J	9.9J	NA	46.3	**70.9**	ND	17.4	NtS	23.8	ND	ND	ND	NtS	ND	ND	ND	NtS
Barium	2000	201	195	205	NA	624	642	195	315	NtS	411	176	265	317	NtS	50	38.0	34.6	NtS
Cadmium	5	ND	ND	ND	NA	1.8	2	ND	2.2	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Chromium	54800	ND	ND	ND	NA	154	172	16.1	53.9	NtS	33.7	4.7J	3.0J	ND	NtS	ND	ND	ND	NtS
Lead	15	ND	ND	ND	NA	**95.2**	**120**	**15.9**	**33.8**	NtS	**24.3**	ND	3.9J	ND	NtS	ND	2.8J	ND	NtS
Selenium	50	ND	ND	ND	NA	10.2	14.4	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Silver	183	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Mercury	2	ND	ND	ND	NA	1.00	ND	0.19J	0.26	NtS	0.18J	ND	ND	ND	NtS	ND	ND	ND	NtS
Hexavalent Chromuim by 7196		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Hexavalent Chromium	100	NA	8.0J	ND	NA	ND	NA	ND	ND	NtS	ND	NA	ND	ND	NtS	NA	25	ND	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-6S					MW-6M			
Sample Date		8/2/2016	11/29/2016	8/11/2017	2/24/2018	5/28/2018	11/29/2016	8/11/2017	2/23/2018	5/28/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)								
	MS DEQ Tier 2 TRGs (ug/L)									
C9-C18 Aliphatic	200	ND	NA	ND	ND	ND	ND	ND	ND	NtS
C19-C36 Aliphatic	5000	ND	NA	ND	ND	ND	ND	142	ND	NtS
C11-C22 Aromatic	200	ND	NA	111	ND	ND	ND	**1830**	ND	NtS
C5-C8 Aliphatic	400	**5550**	NA	**2780**	**3710**	**1170**	**1230**	**522**	ND	NtS
C9-C12 Aliphatic	4000	1430	NA	ND	ND	968	325	ND	78.8	NtS
C9-C10 Aromatic	200	**1720**	NA	**1090**	**629**	**455**	**421**	ND	ND	NtS
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)								
	MS DEQ Tier 1 TRGs (ug/L)									
Benzene	5	ND	ND	ND	ND	ND	ND	ND	1.4	NtS
Acetone	608	ND	ND	275J	ND	ND	ND	25.5J	ND	NtS
Bromodichloromethane	0.168	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Bromoform	8.48	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Chloroform	0.155	ND	ND	ND	**3.2J**	ND	ND	ND	ND	NtS
Chloromethane	1.43	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Dibromochloromethane	0.126	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Dicyclopentadiene	0.438	ND	**2.6**	ND	ND	ND	ND	ND	ND	NtS
Ethylbenzene	700	46.8	38.4	34.6	39.9	36.7	13.2	10.7	6.8	NtS
2-Hexanone	1460	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	0.25J	NtS
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	NtS
4-methyl-2-pentanone (MIBK)	139	6.3J	ND	ND	ND	ND	ND	ND	ND	NtS
p-isopropyltoluene	NS	655	261	52.2	170	3.6J	121	108	2.9	NtS
Methylene chloride	5.00	ND	ND	ND	**75.6**	**17.1**	**7.8J**	ND	ND	NtS
Naphthalene	6.2	3.2J	ND	ND	**8.5J**	ND	ND	ND	0.25J	NtS
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	NtS
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Toluene	1000	**1940**	**1280**	**1610**	**1710**	**626**	472	349	21.1	NtS
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	NtS
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Total Xylenes (m,p,o)	10000	ND	ND	ND	ND	ND	ND	ND	ND	NtS
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	NtS
Total VOCs (Calc)	N/A	2641.80	1582.00	1696.80	1995.50	683.40	606.20	467.70	32.20	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-6S					MW-6M			
Sample Date		8/2/2016	11/29/2016	8/11/2017	2/24/2018	5/28/2018	11/29/2016	8/11/2017	2/23/2018	5/28/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		LABORATORY RESULTS (ug/L)								
	MS DEQ Tier 1 TRGs (ug/L)									
Fluorene	243	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Acenaphthene	365	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Anthracene	43.4	ND	NA	ND	0.23	NA	ND	ND	0.44	NtS
Benzo(a)anthracene	0.0917	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Benzo(a)pyrene	0.20	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Benzo(b)fluoranthene	0.0917	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Benzo(g,h,i)perylene	1100	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Benzo(k)fluoranthene	0.917	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Benzoic Acid	146000	ND	NA	ND	16.6J	NA	ND	ND	ND	NtS
Butylbenzylphthalate	2690	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Chrysene	9.17	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Dibenz(a,h)anthracene	0.00917	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Fluoranthene	1460	ND	NA	ND	ND	NA	ND	ND	ND	NtS
3,3'-Dichlorobenzidine	0.149	ND	NA	ND	ND	NA	ND	ND	ND	NtS
2,4-Dimethylphenol	730	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Di-n-butylphthalate	3650	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Di-n-octylphthalate	20.0	ND	NA	ND	ND	NA	ND	ND	ND	NtS
4-Chloroaniline	146	ND	NA	ND	ND	NA	ND	ND	ND	NtS
1-Methylnaphthalene	NS	ND	NA	ND	ND	NA	ND	ND	ND	NtS
2-Methylnaphthalene	122	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Naphthalene	6.2	ND	NA	ND	ND	NA	ND	ND	ND	NtS
bis(2-ethylhexyl)phthalate	6	ND	NA	ND	1.8J	NA	ND	ND	ND	NtS
Indeno(1,2,3-cd)pyrene	0.0917	ND	NA	ND	ND	NA	ND	ND	ND	NtS
3&4-methylphenol	183	174	NA	23.6	28.8	NA	73.9	ND	ND	NtS
2-methylphenol(o-Cresol)	1830	21.9J	NA	17.8	12.2	NA	3.0J	3.5J	ND	NtS
Phenanthrene	1100	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Pyrene	183	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Phenol	21900	ND	NA	ND	6.3J	NA	4.7J	ND	5.4J	NtS
All other analytes	NS	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Total Semi-VOCs (Calc)	N/A	174.00	NA	41.40	41.23	NA	73.90	0.00	0.44	NtS
RCRA Metals by 6010C/7470		LABORATORY RESULTS (ug/L)								
	MS DEQ Tier 1 TRGs (ug/L)									
Arsenic	50	ND	NA	30.5	16.8	NA	46.2	42.0	33.2	NtS
Barium	2000	994	NA	439	188	NA	347	96.7	433	NtS
Cadmium	5	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Chromium	54800	102	NA	46.4	27.5	NA	36.7	6.6	25.6	NtS
Lead	15	**117**	NA	**15.2**	7.0	NA	**16.4**	2.8J	ND	NtS
Selenium	50	ND	NA	ND	ND	NA	5.1J	ND	ND	NtS
Silver	183	ND	NA	ND	ND	NA	ND	ND	ND	NtS
Mercury	2	0.17J	NA	ND	ND	NA	0.12J	ND	ND	NtS
Hexavalent Chromuim by 7196		LABORATORY RESULTS (ug/L)								
	MS DEQ Tier 1 TRGs (ug/L)									
Hexavalent Chromium	100	ND	NA	ND	ND	NA	NA	ND	ND	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-6D					MW-7					MW-8					MW-9				
Sample Date		8/2/2016	11/29/2016	8/11/2017	2/24/2018	5/28/2018	8/2/2016	11/29/2016	8/9/2017	2/23/2018	5/29/2018	8/2/2016	11/29/2016	8/10,14/2017	2/23/2018	5/29/2018	8/2/2016	11/29/2016	8/10,14/2017	2/23/2018	5/28/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 2 TRGs (ug/L)																				
C9-C18 Aliphatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C19-C36 Aliphatic	5000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C11-C22 Aromatic	200	ND	ND	**339**	ND	ND	ND	ND	ND	ND	ND	ND	ND	119	ND	NtS	ND	ND	**231**	ND	ND
C5-C8 Aliphatic	400	130	113	217	105	93.4	99.3	79.4	84.0	122	98	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C9-C12 Aliphatic	4000	ND	ND	ND	ND	63.7	ND	ND	ND	122	145	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C9-C10 Aromatic	200	84.4	102	113	ND	70.8	115	89.7	156	184	150	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Benzene	5	**22.5**	**23.5**	**12.9**	**12.7**	**36.1**	**23.9**	**21.8**	**22.9**	**28.8**	**19.7**	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Acetone	608	15.0J	ND	12.3J	ND	11.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Bromodichloromethane	0.168	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Bromoform	8.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Chloroform	0.155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Chloromethane	1.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19J	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Dibromochloromethane	0.126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Dicyclopentadiene	0.438	**35.5**	**23.3**	**12.7**	**23.1**	**20.8**	**74.1**	**29.3**	**51.5**	**72.9**	**56.4**	ND	ND	ND	ND	NtS	ND	ND	**0.45J**	**0.76J**	**0.98J**
Ethylbenzene	700	5.3	6.7	9.0	7.2	5.0	0.32J	ND	0.56J	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
2-Hexanone	1460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
p-isopropyltoluene	NS	ND	ND	32.9	ND	0.86J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Methylene chloride	5.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Naphthalene	6.2	4.9	6.2	3.7	6.0	6.2J	1.9	1.8	1.9	1.8	1.3	ND	ND	ND	ND	NtS	ND	0.32J	ND	ND	ND
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Toluene	1000	2.1	1.2	94.5	0.96J	5.7	0.30J	0.27J	0.34J	0.41J	0.28J	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	0.24J	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Total Xylenes (m,p,o)	10000	2.38J	2.96	1.7J	2.31J	2.09J	1.63J	1.52J	1.99J	2.5J	1.67J	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Total VOCs (Calc)	N/A	70.30	63.86	165.70	49.00	88.65	99.90	52.90	76.30	103.50	78.54	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	0.00	0.98J

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-6D					MW-7					MW-8					MW-9				
Sample Date		8/2/2016	11/29/2016	8/11/2017	2/24/2018	5/28/2018	8/2/2016	11/29/2016	8/9/2017	2/23/2018	5/29/2018	8/2/2016	11/29/2016	8/10,14/2017	2/23/2018	5/29/2018	8/2/2016	11/29/2016	8/10,14/2017	2/23/2018	5/28/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Fluorene	243	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Acenaphthene	365	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Anthracene	43.4	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(a)anthracene	0.0917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(a)pyrene	0.20	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(b)fluoranthene	0.0917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(g,h,i)perylene	1100	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(k)fluoranthene	0.917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzoic Acid	146000	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Butylbenzylphthalate	2690	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Chrysene	9.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Dibenz(a,h)anthracene	0.00917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Fluoranthene	1460	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
3,3'-Dichlorobenzidine	0.149	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
2,4-Dimethylphenol	730	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Di-n-butylphthalate	3650	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Di-n-octylphthalate	20.0	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
4-Chloroaniline	146	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
1-Methylnaphthalene	NS	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
2-Methylnaphthalene	122	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Naphthalene	6.2	2.7	1.8J	2.6	ND	NA	2.7	ND	1.5J	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
bis(2-ethylhexyl)phthalate	6	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
3&4-methylphenol	183	ND	ND	4.4J	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
2-methylphenol(o-Cresol)	1830	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Phenanthrene	1100	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Pyrene	183	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Phenol	21900	ND	ND	ND	5.0J	NA	ND	ND	ND	3.7J	NA	ND	ND	ND	8.2J	NtS	ND	ND	ND	6.5J	NA
All other analytes	NS	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Total Semi-VOCs (Calc)	N/A	2.70	0.00	2.60	0.00	NA	2.70	0.00	0.00	0.00	NA	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	0.00	NA
RCRA Metals by 6010C/7470		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Arsenic	50	33.6	20.7	19.5	26.1	NA	**59.0**	29.8	25.5	26.2	NA	47.7	26.5	NA	14.9	NtS	32.2	8.3J	NA	ND	NA
Barium	2000	708	150	284	271	NA	758	184	180	179	NA	596	199	NA	284	NtS	713	238	NA	276	NA
Cadmium	5	1.6	ND	0.85J	3.0	NA	**9.7**	ND	ND	ND	NA	ND	ND	NA	ND	NtS	ND	ND	NA	ND	NA
Chromium	54800	267	3.6J	42.7	109	NA	404	3.0J	ND	7.5	NA	127	2.7J	NA	16.2	NtS	97.7	ND	NA	6.0	NA
Lead	15	**113**	ND	**23.8**	**49.0**	NA	**156**	ND	ND	ND	NA	**80.4**	3.4J	NA	ND	NtS	**63.6**	ND	NA	ND	NA
Selenium	50	20.2	ND	ND	7.7J	NA	**84.6**	ND	ND	ND	NA	5.2J	ND	NA	5.4J	NtS	5.2J	ND	NA	ND	NA
Silver	183	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	NtS	ND	ND	NA	ND	NA
Mercury	2	0.75	ND	ND	0.18J	NA	**2.4**	ND	ND	ND	NA	0.41	ND	NA	ND	NtS	0.36	ND	NA	ND	NA
Hexavalent Chromuim by 7196		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Hexavalent Chromium	100	ND	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	NA	NA	ND	NtS	ND	NA	NA	ND	

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-10S					MW-10D					MW-11S					MW-11D				
Sample Date		8/2/2016	11/28/2016	8/12/2017	2/27/2018	5/28/2018	8/2/2016	11/28/2016	8/12/2017	2/27/2018	5/28/2018	8/2/2016	11/28/2016	8/10/2017	2/22/2018	5/28/2018	8/2/2016	11/28/2016	8/10/2017	2/22/2018	5/29/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 2 TRGs (ug/L)																				
C9-C18 Aliphatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C19-C36 Aliphatic	5000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C11-C22 Aromatic	200	ND	ND	130	ND	ND	ND	ND	133	ND	ND	ND	ND	**216**	ND	NtS	ND	ND	ND	ND	ND
C5-C8 Aliphatic	400	ND	ND	ND	ND	ND	ND	71.9	ND	ND	67.4	56.8	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C9-C12 Aliphatic	4000	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.7	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
C9-C10 Aromatic	200	ND	ND	ND	ND	ND	ND	81.8	55.3	ND	72.6	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Benzene	5	3.5	1.1	2.0	0.61J	3.7	**6.9**	**10.1**	**8.0**	1.2	**11.0**	2.4	1.5	0.39J	ND	NtS	ND	ND	ND	ND	ND
Acetone	608	ND	ND	ND	17.8J	ND	ND	ND	ND	53.7	ND	ND	ND	17.2J	ND	NtS	ND	ND	ND	ND	ND
Bromodichloromethane	0.168	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Bromoform	8.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Chloroform	0.155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	**2**	ND	ND	ND	ND
Chloromethane	1.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	0.22J
Dibromochloromethane	0.126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Dicyclopentadiene	0.438	**11.2**	ND	**5.3**	**1.5**	**8.7**	**21.6**	**24.4**	**19.2**	**12.6**	**27.4**	ND	ND	ND	ND	NtS	**1.7**	ND	**1.4J**	**1.5**	ND
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	0.82J	0.38J	ND	0.51J	0.61J	ND	ND	ND	NtS	ND	ND	ND	ND	ND
2-Hexanone	1460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	3.2	ND	ND	ND	ND
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	0.52J	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
p-isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34J	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Methylene chloride	5.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Naphthalene	6.2	0.69J	ND	ND	ND	ND	0.87J	3.7	2.0	0.27J	3.8	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	0.39J	ND	ND	ND	0.46J	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Total Xylenes (m,p,o)	10000	ND	ND	ND	ND	ND	ND	1.84J	0.71J	ND	1.49J	0.83J	ND	ND	ND	NtS	ND	ND	ND	ND	ND
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	ND	ND
Total VOCs (Calc)	N/A	14.70	1.10	7.30	1.50	12.40	28.50	38.20	29.20	67.50	44.20	2.40	1.50	0.00	0.00	NtS	6.90	0.00	0.00	1.50	0.22

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-10S					MW-10D					MW-11S					MW-11D				
Sample Date		8/2/2016	11/28/2016	8/12/2017	2/27/2018	5/28/2018	8/2/2016	11/28/2016	8/12/2017	2/27/2018	5/28/2018	8/2/2016	11/28/2016	8/10/2017	2/22/2018	5/28/2018	8/2/2016	11/28/2016	8/10/2017	2/22/2018	5/29/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Fluorene	243	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Acenaphthene	365	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Anthracene	43.4	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(a)anthracene	0.0917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(a)pyrene	0.20	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(b)fluoranthene	0.0917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(g,h,i)perylene	1100	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzo(k)fluoranthene	0.917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Benzoic Acid	146000	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Butylbenzylphthalate	2690	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Chrysene	9.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Dibenz(a,h)anthracene	0.00917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Fluoranthene	1460	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
3,3'-Dichlorobenzidine	0.149	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
2,4-Dimethylphenol	730	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Di-n-butylphthalate	3650	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Di-n-octylphthalate	20.0	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
4-Chloroaniline	146	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
1-Methylnaphthalene	NS	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
2-Methylnaphthalene	122	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Naphthalene	6.2	ND	ND	ND	ND	NA	ND	1.3J	1.9	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
bis(2-ethylhexyl)phthalate	6	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
3&4-methylphenol	183	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
2-methylphenol(o-Cresol)	1830	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Phenanthrene	1100	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Pyrene	183	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Phenol	21900	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	2.3J	NtS	ND	ND	ND	4.5J	NA
All other analytes	NS	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Total Semi-VOCs (Calc)	N/A	0.00	0.00	0.00	0.00	NA	0.00	0.00	1.90	0.00	NtS	0.00	0.00	0.00	0.00	NtS	0.00	0.00	0.00	0.00	NA
RCRA Metals by 6010C/7470		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Arsenic	50	33.4J	11.8	41.6	ND	NA	37.5	40.3	7.3J	ND	NtS	34.9	6.1J	**148**	ND	NtS	ND	ND	ND	ND	NA
Barium	2000	307	90.4	151	95.4	NA	101	87.6	205	78.2	NtS	585	47.2	104	49.5	NtS	132	198	184	131	NA
Cadmium	5	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	1.6	ND	1.7	ND	NtS	ND	ND	ND	ND	NA
Chromium	54800	114	ND	17.5	ND	NA	10.8	ND	ND	ND	NtS	127	ND	21.2	3.7J	NtS	ND	ND	ND	ND	NA
Lead	15	**35.2**	ND	10.3	ND	NA	3.1J	ND	ND	ND	NtS	**182**	3.4J	**59.8**	ND	NtS	ND	ND	ND	ND	NA
Selenium	50	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	6.5J	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Silver	183	ND	ND	ND	ND	NA	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NtS	ND	ND	ND	ND	NA
Mercury	2	0.25	ND	ND	ND	NA	ND	ND	ND	ND	NtS	0.90	ND	0.11J	ND	NtS	ND	ND	ND	ND	NA
Hexavalent Chromuim by 7196		LABORATORY RESULTS (ug/L)																			
	MS DEQ Tier 1 TRGs (ug/L)																				
Hexavalent Chromium	100	ND	NA	ND	6.3J	NA	ND	NA	ND	ND	NtS	ND	NA	ND	ND	NtS	ND	NA	17	ND	NA

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-12S				MW-12D					MW-13D					MW-14S				MW-14D			
Sample Date		11/28/2016	8/11/2017	2/27/2018	5/28/2018	8/2/2016	11/28/2016	8/11/2017	2/27/2018	5/28/2018	8/1/2016	11/30/2016	8/8/2017	2/23/2018	5/29/2018	11/30/2016	8/8/2017	2/26/2018	5/29/2018	11/30/2016	8/8/2017	2/26/2018	5/29/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																					
	MS DEQ Tier 2 TRGs (ug/L)																						
C9-C18 Aliphatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C19-C36 Aliphatic	5000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	133	ND	ND	ND	ND	ND	ND
C11-C22 Aromatic	200	ND	**782**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**433**	ND	ND
C5-C8 Aliphatic	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.7	59.4	66.7	63.0	111.0	174	ND	ND	ND	ND	ND	ND	ND
C9-C12 Aliphatic	4000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57.5	ND	ND	ND	ND	ND	ND	ND	ND
C9-C10 Aromatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.7	ND	62.2	ND	68.1	ND	ND	ND	ND	ND	54.3	ND	ND
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																					
	MS DEQ Tier 1 TRGs (ug/L)																						
Benzene	5	**5.3**	**5.7**	0.54J	**17.4**	1.6	4.2	4.9	1.6	4.8	**7.9**	**8.7**	**28.6**	**19.8**	**36.4**	ND	ND	ND	ND	0.48J	0.69J	ND	0.40J
Acetone	608	ND	ND	56.7	ND	ND	ND	ND	73.2	ND	ND	ND	ND	ND	ND	ND	10.3J	23.1J	ND	ND	ND	11.5J	ND
Bromodichloromethane	0.168	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	8.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	1.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31J	ND	ND	0.15J	ND	ND	ND	0.13J
Dibromochloromethane	0.126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dicyclopentadiene	0.438	**4.5**	**3.8**	**0.62J**	**5.1**	**5**	**4.9**	**5.0**	**0.94J**	**3.5**	**30.6**	**15.5**	**22.4**	**26.2**	**25.6**	**1.8**	**1.3J**	ND	ND	**12.1**	**14.0**	**5.7**	**14.0**
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71J	0.36J	0.70J	0.32J	ND	ND	ND	ND	ND	ND	0.69J	ND	ND
2-Hexanone	1460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.62J	ND	ND	ND	ND	ND
p-isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	8.7	ND	ND	ND
Methylene chloride	5.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.2	0.73J	0.77J	ND	0.68J	0.30J	0.58J	0.62J	0.39J	0.37J	2.5	0.83J	3.1	1.5	1.6	0.42J	ND	0.34J	ND	ND	1.6	ND	ND
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36J	0.0	1.3	0.77J	0.44J	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes (m,p,o)	10000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09J	0.26J	2.42J	1.6J	1.54J	ND	ND	1.38J	ND	0.37J	1.0	ND	ND
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (Calc)	N/A	9.80	9.50	56.70	23.18	6.60	9.10	9.90	74.80	8.67	41.00	24.20	55.40	47.50	64.58	8.80	0.00	0.00	0.15J	20.80	16.60	5.70	14.53

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-12S				MW-12D					MW-13D					MW-14S				MW-14D			
Sample Date		11/28/2016	8/11/2017	2/27/2018	5/28/2018	8/2/2016	11/28/2016	8/11/2017	2/27/2018	5/28/2018	8/1/2016	11/30/2016	8/8/2017	2/23/2018	5/29/2018	11/30/2016	8/8/2017	2/26/2018	5/29/2018	11/30/2016	8/8/2017	2/26/2018	5/29/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		**LABORATORY RESULTS (ug/L)**																					
	MS DEQ Tier 1 TRGs (ug/L)																						
Fluorene	243	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Acenaphthene	365	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Anthracene	43.4	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Benzo(a)anthracene	0.0917	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Benzo(a)pyrene	0.20	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Benzo(b)fluoranthene	0.0917	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	**0.11**	NA	ND	ND	ND	NA
Benzo(g,h,i)perylene	1100	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Benzo(k)fluoranthene	0.917	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Benzoic Acid	146000	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Butylbenzylphthalate	2690	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Chrysene	9.17	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Dibenz(a,h)anthracene	0.00917	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Fluoranthene	1460	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
3,3'-Dichlorobenzidine	0.149	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
2,4-Dimethylphenol	730	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Di-n-butylphthalate	3650	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Di-n-octylphthalate	20.0	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
4-Chloroaniline	146	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
1-Methylnaphthalene	NS	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
2-Methylnaphthalene	122	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Naphthalene	6.2	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	2.1	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
bis(2-ethylhexyl)phthalate	6	ND	ND	ND	NA	1.6J	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	2.4J	NA	ND	ND	ND	NA
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	0.085	NA	ND	ND	ND	NA
3&4-methylphenol	183	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
2-methylphenol(o-Cresol)	1830	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Phenanthrene	1100	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Pyrene	183	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Phenol	21900	ND	ND	ND	NA	ND	ND	ND	13.4	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
All other analytes	NS	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Total Semi-VOCs (Calc)	N/A	0.00	0.00	0.00	NA	0.00	0.00	0.00	13.40	NA	0.00	0.00	2.10	0.00	NA	0.00	0.00	0.20	NA	0.00	0.00	0.00	NA
RCRA Metals by 6010C/7470		**LABORATORY RESULTS (ug/L)**																					
	MS DEQ Tier 1 TRGs (ug/L)																						
Arsenic	50	8.6J	20.6	8.3J	NA	8.4J	12.8	12.7	5.9J	NA	11.2	ND	ND	ND	NA	40.1	6.2J	7.8J	NA	**53.5**	48.5	ND	NA
Barium	2000	179	169	70.6	NA	139	138	133	46.4	NA	328	166	104	86.3	NA	1880	164	190	NA	208	176	126	NA
Cadmium	5	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	0.66J	NA	ND	ND	ND	NA
Chromium	54800	7.3	57.5	3.8J	NA	5.1	3.0J	16.9	5.0	NA	106	33.4	ND	ND	NA	301	3.4J	20.2	NA	12.6	ND	3.4J	NA
Lead	15	3.0J	11.0	ND	NA	ND	ND	ND	ND	NA	**23.5**	9.2	ND	ND	NA	**98.9**	2.7J	**15.6**	NA	6.6	ND	ND	NA
Selenium	50	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	9.3J	NA	ND	ND	ND	NA
Silver	183	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Mercury	2	ND	0.10J	ND	NA	ND	ND	ND	ND	NA	0.12J	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA
Hexavalent Chromuim by 7196		**LABORATORY RESULTS (ug/L)**																					
	MS DEQ Tier 1 TRGs (ug/L)																						
Hexavalent Chromium	100	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	NA	21	12	NA	NA	12	ND	NA	NA	15	ND	NA

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-15				MW-16				MW-17					MW-18				MW-19			
Sample Date		11/30/2016	8/11/2017	2/23/2018	5/28/2018	11/30/2016	8/8/2017	2/27/2018	5/28/2018	11/30/2016	8/8/2017	2/23/2018	2/27/2018	5/28/2018	11/30/2016	8/10/2017	2/24/2018	5/28/2018	11/30/2016	8/10/2017	2/24/2018	5/28/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																				
	MS DEQ Tier 2 TRGs (ug/L)																					
C9-C18 Aliphatic	200	ND	ND	ND	NtS	ND	ND	**214**	ND	**3360**	ND	111	**429**	148	ND	ND	ND	NtS	125	**1180**	**322**	NtS
C19-C36 Aliphatic	5000	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
C11-C22 Aromatic	200	ND	ND	ND	NtS	ND	ND	ND	ND	ND	**958**	ND	ND	ND	ND	**200**	ND	NtS	115	**211**	155	NtS
C5-C8 Aliphatic	400	ND	ND	ND	NtS	ND	ND	ND	ND	ND	104	154	156	214	ND	ND	ND	NtS	**2650**	**2960**	**1520**	NtS
C9-C12 Aliphatic	4000	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	416	439	529	ND	ND	ND	NtS	878	141	1070	NtS
C9-C10 Aromatic	200	ND	ND	ND	NtS	77.1	ND	ND	ND	79	140	**579**	**549**	**402**	74.2	ND	ND	NtS	**1450**	**1990**	**1030**	NtS
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																				
	MS DEQ Tier 1 TRGs (ug/L)																					
Benzene	5	ND	ND	ND	NtS	ND	ND	ND	ND	0.39J	0.90J	1.2	0.94J	1.0	ND	ND	ND	NtS	2.4	3.0	1.3J	NtS
Acetone	608	ND	ND	ND	NtS	12.7J	ND	ND	ND	17.8J	ND	ND	ND	ND	11.9J	ND	ND	NtS	ND	ND	ND	NtS
Bromodichloromethane	0.168	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Bromoform	8.48	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Chloroform	0.155	ND	ND	ND	NtS	**1.2**	ND	ND	ND	**3.2**	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Chloromethane	1.43	ND	0.43J	ND	NtS	0.27J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Dibromochloromethane	0.126	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Dicyclopentadiene	0.438	ND	ND	ND	NtS	ND	ND	ND	ND	ND	**15.5**	**373**	**297**	**166**	ND	ND	ND	NtS	ND	ND	ND	NtS
Ethylbenzene	700	ND	ND	ND	NtS	ND	ND	ND	ND	ND	4.4	10.7	11.0	8.7	ND	ND	ND	NtS	165	247	79.7	NtS
2-Hexanone	1460	ND	ND	ND	NtS	0.64J	ND	ND	ND	0.47J	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2-Dichloroethane	5	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,1,2-trichloroethane	5	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	5.9	15.8	ND	NtS
p-isopropyltoluene	NS	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64J	ND	ND	NtS	35.9	ND	ND	NtS
Methylene chloride	5.00	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	**12.7**	NtS
Naphthalene	6.2	ND	ND	ND	NtS	0.38J	ND	ND	ND	ND	1.6	**8.0**	**8.5**	**7.3**	2.4	0.85J	1.2	NtS	**64**	**224**	**56.5**	NtS
2-Butanone (MEK)	1910	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	49.1	38.2	ND	NtS
2-Chlorotoluene	122	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	49.0	ND	NtS
1,4-Dichlorobenzene	75	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Toluene	1000	ND	ND	ND	NtS	0.81J	ND	ND	ND	0.40J	0.88J	2.4	2.0	1.1	1.4	ND	ND	NtS	6.5	6.4	2.2	NtS
Methyl-tert-butyl ether	40	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Styrene	100	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2,3-Trichlorobenzene	NS	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
1,2,4-Trichlorobenzene	70	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Total Xylenes (m,p,o)	10000	ND	ND	ND	NtS	ND	ND	ND	ND	ND	4.0	15.0	15.9	9.8	ND	ND	ND	NtS	275	465	104	NtS
All other analytes	NS	ND	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	ND	ND	NtS
Total VOCs (Calc)	N/A	0.00	0.00	0.00	NtS	1.20	0.00	0.00	0.00	3.20	25.50	410.30	334.40	193.90	3.80	0.00	1.20	NtS	603.80	1048.40	255.10	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-15				MW-16				MW-17					MW-18				MW-19			
Sample Date		11/30/2016	8/11/2017	2/23/2018	5/28/2018	11/30/2016	8/8/2017	2/27/2018	5/28/2018	11/30/2016	8/8/2017	2/23/2018	2/27/2018	5/28/2018	11/30/2016	8/10/2017	2/24/2018	5/28/2018	11/30/2016	8/10/2017	2/24/2018	5/28/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		**LABORATORY RESULTS (ug/L)**																				
	MS DEQ Tier 1 TRGs (ug/L)																					
Fluorene	243	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Acenaphthene	365	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Anthracene	43.4	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Benzo(a)anthracene	0.0917	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	**0.28**	NtS
Benzo(a)pyrene	0.20	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	**1.3J**	ND	**0.23**	NtS
Benzo(b)fluoranthene	0.0917	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	**1.3J**	ND	**0.55**	NtS
Benzo(g,h,i)perylene	1100	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	1.0J	ND	0.38	NtS
Benzo(k)fluoranthene	0.917	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	**1.4J**	ND	0.40	NtS
Benzoic Acid	146000	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Butylbenzylphthalate	2690	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	1.6J	ND	ND	NtS
Chrysene	9.17	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	1.6J	ND	0.30	NtS
Dibenz(a,h)anthracene	0.00917	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	**0.36**	NtS
Fluoranthene	1460	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
3,3'-Dichlorobenzidine	0.149	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	**1.8J**	ND	ND	NtS
2,4-Dimethylphenol	730	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	6.4J	ND	NtS
Di-n-butylphthalate	3650	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Di-n-octylphthalate	20.0	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	1.6J	ND	ND	NtS
4-Chloroaniline	146	ND	ND	ND	NtS	ND	ND	ND	NtS	26.1J	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
1-Methylnaphthalene	NS	ND	ND	ND	NtS	ND	ND	ND	NtS	0.96J	ND	ND	ND	NA	ND	ND	ND	NtS	7.0J	16.9	7.2	NtS
2-Methylnaphthalene	122	ND	ND	ND	NtS	ND	ND	ND	NtS	0.91J	ND	ND	ND	NA	ND	ND	ND	NtS	14.9	29.6	15.2	NtS
Naphthalene	6.2	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	3.2	2.2	NA	ND	ND	ND	NtS	**18.7**	**84.8**	**25.6**	NtS
bis(2-ethylhexyl)phthalate	6	ND	ND	ND	NtS	ND	ND	ND	NtS	2.9J	ND	1.2J	ND	NA	ND	ND	1.7J	NtS	1.8J	ND	ND	NtS
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	**0.48**	NtS
3&4-methylphenol	183	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
2-methylphenol(o-Cresol)	1830	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Phenanthrene	1100	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Pyrene	183	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Phenol	21900	ND	ND	ND	NtS	ND	ND	5.5J	NtS	ND	ND	ND	1.9J	NA	ND	ND	10.1	NtS	ND	ND	ND	NtS
All other analytes	NS	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Total Semi-VOCs (Calc)	N/A	0.00	0.00	0.00	NtS	0.00	0.00	0.00	NtS	0.00	0.00	3.20	2.20	NA	0.00	0.00	10.10	NtS	33.60	131.30	50.98	NtS
RCRA Metals by 6010C/7470		**LABORATORY RESULTS (ug/L)**																				
	MS DEQ Tier 1 TRGs (ug/L)																					
Arsenic	50	13.9	13.6	**67.7**	NtS	ND	ND	ND	NtS	14.1	ND	ND	ND	NA	**296**	**81.1**	**118**	NtS	47.6	27.4	16.7	NtS
Barium	2000	178	136	122	NtS	255	87.5	110	NtS	62.8	151	170	175	NA	762	311	396	NtS	370	331	189	NtS
Cadmium	5	ND	ND	0.90J	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	3.6	0.60J	ND	NtS	0.60J	ND	ND	NtS
Chromium	54800	31.4	8.5	24.1	NtS	12.9	ND	6.2	NtS	10.2	ND	6.4	6.8	NA	219	40.1	139	NtS	155	8.5	51.7	NtS
Lead	15	13.2	8.7	9.0	NtS	8	ND	ND	NtS	3.8J	ND	ND	ND	NA	**104**	**32.8**	**58.0**	NtS	**53.4**	**26.4**	**18.0**	NtS
Selenium	50	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Silver	183	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Mercury	2	ND	ND	ND	NtS	ND	ND	ND	NtS	ND	ND	ND	ND	NA	ND	ND	ND	NtS	ND	ND	ND	NtS
Hexavalent Chromuim by 7196		**LABORATORY RESULTS (ug/L)**																				
	MS DEQ Tier 1 TRGs (ug/L)																					
Hexavalent Chromium	100	NA	6.1J	ND	NtS	NA	9.0J	5.7J	NtS	NA	5.0J	10	7.4J	NA	NA	ND	ND	NtS	NA	12	ND	NtS

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-20S			MW-20D			MW-21S			MW-21D			MW-22S			MW-22D		
Sample Date		8/11/2017	2/24/2018	5/29/2018	8/12/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 2 TRGs (ug/L)																		
C9-C18 Aliphatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C19-C36 Aliphatic	5000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C11-C22 Aromatic	200	**231**	ND	ND	**2010**	ND	ND	ND	ND	ND	**751**	ND	ND	ND	ND	ND	102	ND	ND
C5-C8 Aliphatic	400	ND	ND	ND	99.3	118	ND	ND	ND	ND	62.0	57.4	51.7	ND	ND	ND	ND	ND	ND
C9-C12 Aliphatic	4000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.0	ND	ND	ND	ND	ND	ND
C9-C10 Aromatic	200	ND	ND	ND	93.3	74.0	ND	ND	ND	ND	78.6	50.6	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Benzene	5	4.2	4.1	2.6	**26.3**	**45.8**	3.3	2.2	ND	0.31J	**17.5**	**11.3**	**8.8**	ND	ND	ND	ND	ND	ND
Acetone	608	ND	ND	ND	ND	11.6J	ND	ND	ND	ND	ND	11.3J	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.168	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	8.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.155	**0.38J**	ND	ND	**0.66J**	ND	ND	**0.99J**	ND	ND	**0.35J**	ND	ND	**0.27J**	ND	ND	**0.27J**	ND	ND
Chloromethane	1.43	ND	0.11J	ND	ND	ND	ND	ND	0.15J	ND	ND	0.25J	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dicyclopentadiene	0.438	**14.7**	**13.9**	**13.6**	**35.7**	**34.9**	**18.5**	**8.2**	**0.90J**	**4.3**	**35.0**	**28.8**	**21.4**	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ND	ND	ND	0.55J	0.56J	ND	ND	ND	ND	0.40J	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	1460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.2	ND	ND	ND	5.5	4.3	0.27J	0.28J	ND	ND	3.7	1.5	0.84J	ND	ND	0.28J	ND	ND	ND
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.69J	ND	ND
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ND	ND	ND	0.57J	0.50J	ND	ND	ND	ND	0.37J	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND
Total Xylenes (m,p,o)	10000	ND	ND	ND	2.62J	1.81J	ND	ND	ND	ND	1.4J	0.25J	ND	ND	ND	ND	ND	ND	ND
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (Calc)	N/A	18.90	18.00	16.20	67.50	85.00	22.07	10.40	0.00	4.61	56.20	41.60	31.40	0.00	0.00	0.28	2.10	0.00	ND

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-20S			MW-20D			MW-21S			MW-21D			MW-22S			MW-22D		
Sample Date		8/11/2017	2/24/2018	5/29/2018	8/12/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018	8/11/2017	2/24/2018	5/29/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		**LABORATORY RESULTS (ug/L)**																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Fluorene	243	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Acenaphthene	365	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Anthracene	43.4	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Benzo(a)anthracene	0.0917	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Benzo(a)pyrene	0.20	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Benzo(b)fluoranthene	0.0917	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Benzo(g,h,i)perylene	1100	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Benzo(k)fluoranthene	0.917	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Benzoic Acid	146000	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Butylbenzylphthalate	2690	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Chrysene	9.17	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Dibenz(a,h)anthracene	0.00917	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Fluoranthene	1460	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
3,3'-Dichlorobenzidine	0.149	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
2,4-Dimethylphenol	730	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Di-n-butylphthalate	3650	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Di-n-octylphthalate	20.0	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
4-Chloroaniline	146	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
1-Methylnaphthalene	NS	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
2-Methylnaphthalene	122	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Naphthalene	6.2	ND	ND	NA	3.8	3.0	NA	ND	ND	NA	2.8	ND	NA	ND	ND	NA	ND	ND	NA
bis(2-ethylhexyl)phthalate	6	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
3&4-methylphenol	183	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
2-methylphenol(o-Cresol)	1830	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Phenanthrene	1100	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Pyrene	183	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Phenol	21900	ND	11.6	NA	ND	11.8	NA	ND	4.3J	NA	ND	ND	NA	ND	11.5	NA	ND	ND	NA
All other analytes	NS	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Total Semi-VOCs (Calc)	N/A	0.00	11.60	NA	3.80	14.80	NA	0.00	0.00	NA	2.80	0.00	NA	0.00	11.50	NA	0.00	0.00	NA
RCRA Metals by 6010C/7470		**LABORATORY RESULTS (ug/L)**																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Arsenic	50	5.0J	19.1	NA	9.4J	21.0	NA	10.7	9.8J	NA	11.9	23.6	NA	29.6	26.6	NA	14.6	27.2	NA
Barium	2000	246	109	NA	257	101	NA	178	111	NA	220	81.5	NA	530	74.3	NA	179	84.5	NA
Cadmium	5	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	0.50J	NA	ND	ND	NA	ND	ND	NA
Chromium	54800	ND	ND	NA	ND	ND	NA	22.6	ND	NA	4.9J	ND	NA	228	ND	NA	2.6J	ND	NA
Lead	15	ND	ND	NA	ND	ND	NA	12.2	ND	NA	8.1	ND	NA	**52.2**	ND	NA	2.8J	ND	NA
Selenium	50	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Silver	183	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Mercury	2	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA
Hexavalent Chromuim by 7196		**LABORATORY RESULTS (ug/L)**																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Hexavalent Chromium	100	16	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	NA	14	ND	NA

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-23S			MW-23D			MW-24S		MW-24D		MW-25S		MW-25D		MW-26S		MW-26D	
Sample Date		8/14/2017	2/26/2018	5/29/2018	8/14/2017	2/26/2018	5/28/2018	3/1/2018	5/30/2018	3/1/2018	5/30/2018	2/28/2018	5/30/2018	2/28/2018	5/30/2018	2/28/2018	5/30/2018	2/28/2018	5/30/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 2 TRGs (ug/L)																		
C9-C18 Aliphatic	200	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C19-C36 Aliphatic	5000	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C11-C22 Aromatic	200	ND	ND	NtS	**310**	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C5-C8 Aliphatic	400	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C9-C12 Aliphatic	4000	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C9-C10 Aromatic	200	ND	ND	NtS	54.9	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Benzene	5	ND	ND	NtS	0.39J	ND	NtS	ND	ND	ND	ND	ND	ND	ND	0.44J	ND	ND	0.78J	ND
Acetone	608	ND	ND	NtS	ND	ND	NtS	ND	ND	12.9J	12.6J	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.168	ND	ND	NtS	ND	ND	NtS	**0.43J**	ND	**3.5**	ND	ND	ND	**3.5**	ND	**0.55J**	ND	**2.8**	**1.2**
Bromoform	8.48	ND	ND	NtS	ND	ND	NtS	ND	ND	0.27J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.155	ND	ND	NtS	**0.64J**	ND	NtS	**1.0**	ND	**14.4**	ND	**0.23J**	ND	**14.6**	ND	**3.0**	ND	**21.0**	**10.3**
Chloromethane	1.43	ND	ND	NtS	ND	ND	NtS	0.22J	ND	0.15J	0.42J	0.15J	ND	0.14J	ND	0.15J	0.13J	0.23J	ND
Dibromochloromethane	0.126	ND	ND	NtS	ND	ND	NtS	ND	ND	**1.9**	ND	ND	ND	**2.0**	ND	**0.30J**	ND	**1.5**	**0.38J**
Dicyclopentadiene	0.438	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	**1.2**	ND	ND	**1.3**	ND	ND	ND	**1.8**
Ethylbenzene	700	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	1460	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	139	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-isopropyltoluene	NS	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.00	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.2	ND	ND	NtS	**34.4**	0.74J	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1910	ND	ND	NtS	ND	ND	NtS	ND	ND	0.99J	1.6J	ND	ND	ND	ND	0.98J	ND	ND	ND
2-Chlorotoluene	122	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	12.3	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	12.3	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ND	ND	NtS	0.27J	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	40	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	70	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes (m,p,o)	10000	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
All other analytes	NS	ND	ND	NtS	ND	ND	NtS	ND	ND	ND	0.32J	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (Calc)	N/A	0.00	0.00	NtS	34.40	0.00	NtS	1.00	ND	19.80	14.92	1.20	ND	20.10	1.74	3.00	0.13	25.30	13.68

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
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Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-23S			MW-23D			MW-24S		MW-24D		MW-25S		MW-25D		MW-26S		MW-26D	
Sample Date		8/14/2017	2/26/2018	5/29/2018	8/14/2017	2/26/2018	5/28/2018	3/1/2018	5/30/2018	3/1/2018	5/30/2018	2/28/2018	5/30/2018	2/28/2018	5/30/2018	2/28/2018	5/30/2018	2/28/2018	5/30/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Fluorene	243	ND	ND	NtS	24.9	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Acenaphthene	365	ND	ND	NtS	34.4	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Anthracene	43.4	ND	ND	NtS	7.1	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Benzo(a)anthracene	0.0917	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Benzo(a)pyrene	0.20	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Benzo(b)fluoranthene	0.0917	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	0.070	NA	**0.095**	NA
Benzo(g,h,i)perylene	1100	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Benzo(k)fluoranthene	0.917	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Benzoic Acid	146000	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Butylbenzylphthalate	2690	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Chrysene	9.17	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Dibenz(a,h)anthracene	0.00917	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Fluoranthene	1460	ND	ND	NtS	8.1	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
3,3'-Dichlorobenzidine	0.149	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
2,4-Dimethylphenol	730	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Di-n-butylphthalate	3650	ND	ND	NtS	ND	1.2J	NtS	ND	NA	4.1J	NA	ND	NA	3.9J	NA	2.0J	NA	3.1J	NA
Di-n-octylphthalate	20.0	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
4-Chloroaniline	146	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
1-Methylnaphthalene	NS	ND	ND	NtS	13.9	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
2-Methylnaphthalene	122	ND	ND	NtS	18.6	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Naphthalene	6.2	ND	ND	NtS	**16.0**	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
bis(2-ethylhexyl)phthalate	6	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	1.6J	NA	1.5J	NA
Indeno(1,2,3-cd)pyrene	0.0917	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
3&4-methylphenol	183	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
2-methylphenol(o-Cresol)	1830	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Phenanthrene	1100	ND	ND	NtS	42.6	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Pyrene	183	ND	ND	NtS	4.9	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Phenol	21900	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	6.2J	NA	ND	NA
All other analytes	NS	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Total Semi-VOCs (Calc)	N/A	0.00	0.00	NtS	170.50	0.00	NtS	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.07	NA	0.10	NA
RCRA Metals by 6010C/7470		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Arsenic	50	ND	ND	NtS	8.7J	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Barium	2000	75.1	81.4	NtS	1740	309	NtS	291	NA	78.0	NA	178	NA	57.8	NA	133	NA	61.5	NA
Cadmium	5	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Chromium	54800	ND	ND	NtS	6.9	22.1	NtS	19.1	NA	5.2	NA	ND	NA	ND	NA	ND	NA	6.4	NA
Lead	15	ND	ND	NtS	6.2	10.6	NtS	9.0	NA	4.9J	NA	ND	NA	ND	NA	ND	NA	4.1J	NA
Selenium	50	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Silver	183	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Mercury	2	ND	ND	NtS	0.47	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Hexavalent Chromuim by 7196		LABORATORY RESULTS (ug/L)																	
	MS DEQ Tier 1 TRGs (ug/L)																		
Hexavalent Chromium	100	ND	ND	NtS	ND	ND	NtS	ND	NA	ND	NA	ND	NA	ND	NA	8.0J	NA	ND	NA

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
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Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-27S		MW-27D		MW-28S		MW-28D		MW-29S		MW-29D		H SIMMONS WSW	
Sample Date		2/28/2018	5/30/2018	2/28/2018	5/30/2018	3/1/2018	5/30/2018	3/1/2018	5/30/2018	2/27/2018	5/29/2018	2/27/2018	5/28/2018	2/23/2018	5/30/2018
MADEP EPH & VPH		LABORATORY RESULTS (ug/L)													
	MS DEQ Tier 2 TRGs (ug/L)														
C9-C18 Aliphatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
C19-C36 Aliphatic	5000	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	123	NtS	ND	ND
C11-C22 Aromatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
C5-C8 Aliphatic	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
C9-C12 Aliphatic	4000	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
C9-C10 Aromatic	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Volatile Organic Compounds by 8260B		LABORATORY RESULTS (ug/L)													
	MS DEQ Tier 1 TRGs (ug/L)														
Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	0.29J
Acetone	608	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Bromodichloromethane	0.168	**1.3**	ND	**2.2**	ND	ND	ND	**3.4**	ND	ND	NtS	**4.7**	NtS	ND	ND
Bromoform	8.48	ND	ND	ND	ND	ND	ND	0.30J	ND	ND	NtS	0.27J	NtS	ND	ND
Chloroform	0.155	**6.6**	ND	**13.5**	**2.9**	**0.23J**	ND	**7.1**	ND	**0.33J**	NtS	**24.8**	NtS	ND	ND
Chloromethane	1.43	0.13J	ND	ND	.46J	0.19J	ND	0.17J	ND	0.16J	NtS	0.12J	NtS	ND	ND
Dibromochloromethane	0.126	**0.82J**	ND	**1.3**	ND	ND	ND	**2.2**	ND	ND	NtS	**2.7**	NtS	ND	ND
Dicyclopentadiene	0.438	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	**2.1**	**1.8**
Ethylbenzene	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
2-Hexanone	1460	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,2-Dichloroethane	5	ND	ND	0.24J	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,1,2-trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
4-methyl-2-pentanone (MIBK)	139	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
p-isopropyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Methylene chloride	5.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Naphthalene	6.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
2-Butanone (MEK)	1910	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
2-Chlorotoluene	122	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,2,4-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,3,5-Trimethylbenzene	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Methyl-tert-butyl ether	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Styrene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
1,2,4-Trichlorobenzene	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Total Xylenes (m,p,o)	10000	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
All other analytes	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NtS	ND	NtS	ND	ND
Total VOCs (Calc)	N/A	7.90	ND	17.00	3.36	0.00	ND	12.70	ND	0.00	NtS	32.20	NtS	2.10	2.1

ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
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Table 3
Summary of Groundwater Analytical Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-27S		MW-27D		MW-28S		MW-28D		MW-29S		MW-29D		H SIMMONS WSW	
Sample Date		2/28/2018	5/30/2018	2/28/2018	5/30/2018	3/1/2018	5/30/2018	3/1/2018	5/30/2018	2/27/2018	5/29/2018	2/27/2018	5/28/2018	2/23/2018	5/30/2018
Semi-Volatile Organic Compounds by 8270C/8270SIM		**LABORATORY RESULTS (ug/L)**													
	MS DEQ Tier 1 TRGs (ug/L)														
Fluorene	243	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Acenaphthene	365	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Anthracene	43.4	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Benzo(a)anthracene	0.0917	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Benzo(a)pyrene	0.20	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Benzo(b)fluoranthene	0.0917	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Benzo(g,h,i)perylene	1100	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Benzo(k)fluoranthene	0.917	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Benzoic Acid	146000	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Butylbenzylphthalate	2690	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Chrysene	9.17	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Dibenz(a,h)anthracene	0.00917	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Fluoranthene	1460	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
3,3'-Dichlorobenzidine	0.149	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
2,4-Dimethylphenol	730	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Di-n-butylphthalate	3650	2.5J	NA	3.3J	NA	ND	NA	4.0J	NA	ND	NtS	3.5J	NtS	NA	NA
Di-n-octylphthalate	20.0	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
4-Chloroaniline	146	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
1-Methylnaphthalene	NS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
2-Methylnaphthalene	122	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Naphthalene	6.2	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
bis(2-ethylhexyl)phthalate	6	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	2.4J	NtS	NA	NA
Indeno(1,2,3-cd)pyrene	0.0917	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
3&4-methylphenol	183	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
2-methylphenol(o-Cresol)	1830	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Phenanthrene	1100	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Pyrene	183	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Phenol	21900	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	6.6J	NtS	NA	NA
All other analytes	NS	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	NA	NA
Total Semi-VOCs (Calc)	N/A	0.00	NA	0.00	NA	0.00	NA	0.00	NA	0.00	NtS	0.00	NtS	NA	NA
RCRA Metals by 6010C/7470		**LABORATORY RESULTS (ug/L)**													
	MS DEQ Tier 1 TRGs (ug/L)														
Arsenic	50	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	19.5	NA
Barium	2000	105	NA	114	NA	154	NA	94.4	NA	176	NtS	29.5	NtS	49.0	NA
Cadmium	5	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	ND	NA
Chromium	54800	ND	NA	3.4J	NA	ND	NA	6.2	NA	ND	NtS	10.9	NtS	ND	NA
Lead	15	ND	NA	ND	NA	ND	NA	10	NA	ND	NtS	ND	NtS	ND	NA
Selenium	50	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	ND	NA
Silver	183	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	ND	NA
Mercury	2	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	ND	NA
Hexavalent Chromuim by 7196		**LABORATORY RESULTS (ug/L)**													
	MS DEQ Tier 1 TRGs (ug/L)														
Hexavalent Chromium	100	ND	NA	ND	NA	ND	NA	ND	NA	ND	NtS	ND	NtS	ND	NA

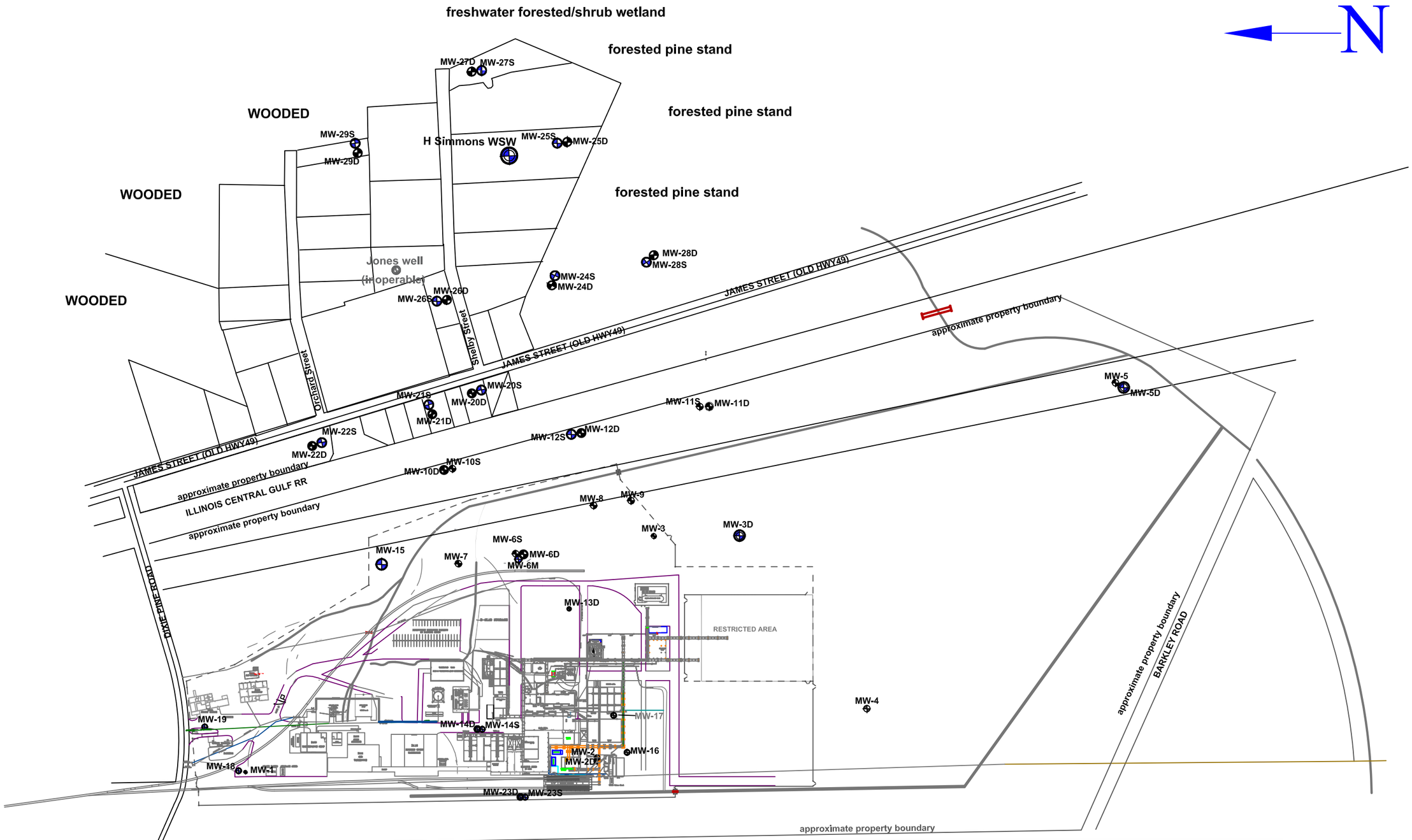
ND = Not Detected; NS = No Standard; N/A = Not Applicable; NA = Not Analyzed; BOLD = Exceeds Standard;
J = Estimated Concentration Below Reporting Limit; NtS = Not Sampled

Table 4
Quality Control Sample Results
Resinall, Hattiesburg, Mississippi

Sample Point Location		MW-20S	Dup-1	RPD %
Sample Date		5/29/2018	5/29/2018	
MADEP EPH & VPH		**LABORATORY RESULTS (ug/L)**		**RPD %**
	MS DEQ Tier 2 TRGs (ug/L)			
C9-C18 Aliphatic	200	ND	ND	
C19-C36 Aliphatic	5000	ND	ND	
C11-C22 Aromatic	200	ND	ND	
C5-C8 Aliphatic	400	ND	ND	
C9-C12 Aliphatic	4000	ND	ND	
C9-C10 Aromatic	200	ND	ND	
Volatile Organic Compounds by 8260B		**LABORATORY RESULTS (ug/L)**		**RPD %**
	MS DEQ Tier 1 TRGs (ug/L)			
Benzene	5.0	2.6	3.4	26.67
Chloroform	0.155	ND	ND	
Chloromethane	1.43	ND	ND	
Dicyclopentadiene	0.438	13.6	13.4	1.48
Ethylbenzene	700	ND	ND	
1,2-Dichloroethane	5	ND	0.25J	
Toluene	100	ND	ND	
Methyl-tert-butyl ether	40	ND	ND	
Total Xylenes (m,p,o)	12200	ND	ND	
All other analytes	NS	ND	ND	
Total VOCs (Calc)	N/A	16.20	16.80	3.64

BOLD = Exceeded Standard
NS = No Standard
NA = Not Analyzed
ND = Not Detected
N/A = Not Applicable

FIGURES



0' 300' 600'

Approximate Scale in Feet

⊕ - monitoring well location

FIGURE NO.:	1
DRN BY:	DRL
CHK BY:	
DATE:	6/26/2018
REVISED:	
SCALE:	1" = 300'

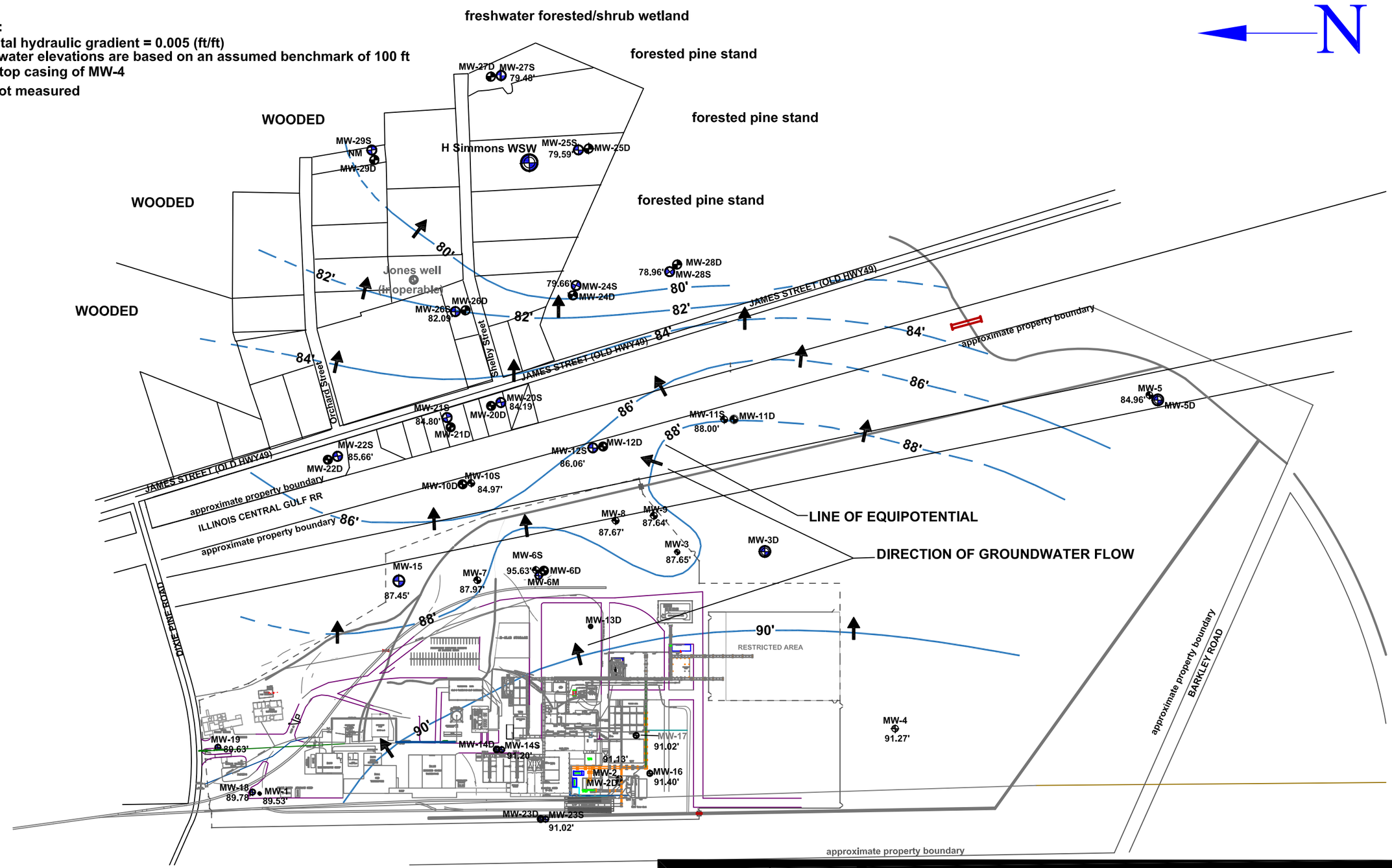
SITE PLAN

Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:
horizontal hydraulic gradient = 0.005 (ft/ft)
groundwater elevations are based on an assumed benchmark of 100 ft for the top casing of MW-4
NM = not measured



0' 300' 600'
Approximate Scale in Feet

⊕ - monitoring well location

FIGURE NO.:	2
DRN BY:	DRL
CHK BY:	
DATE:	6/15/2018
REVISED:	
SCALE:	1" = 300'

GROUNDWATER ELEVATION MAP
SHALLOW ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO18110.00

EI

NOTES:

horizontal hydraulic gradient = 0.006 (ft/ft)
vertical hydraulic gradient = 0.006 (ft/ft) upward
groundwater elevations are based on an assumed benchmark of 100 ft for the top casing of MW-4
NM = not measured

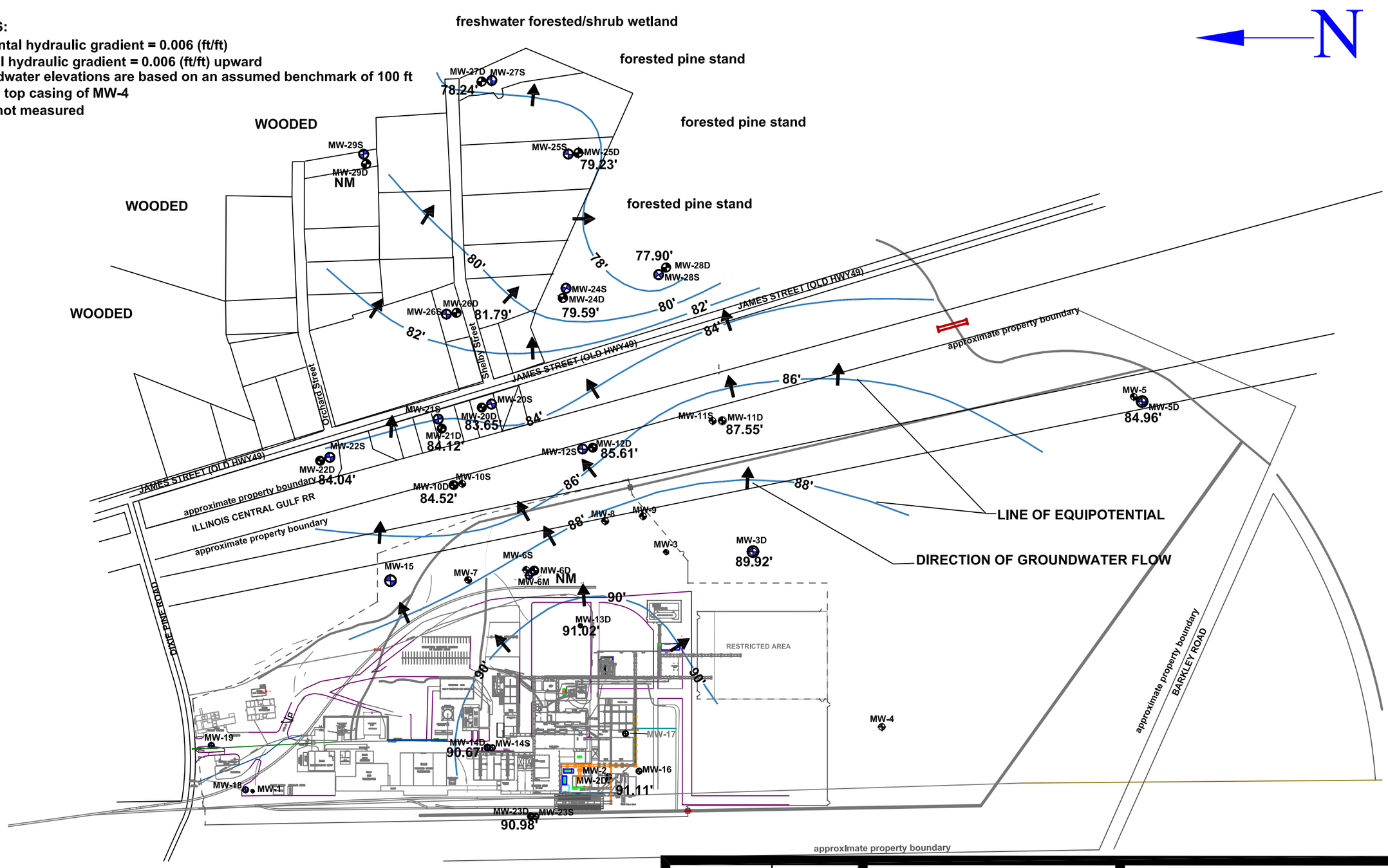


FIGURE NO.:	3
DRN BY:	DRL
CHK BY:	
DATE:	6/15/2018
REVISED:	
SCALE:	1" = 300'

GROUNDWATER ELEVATION MAP
DEEP ZONE
MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

Notes:

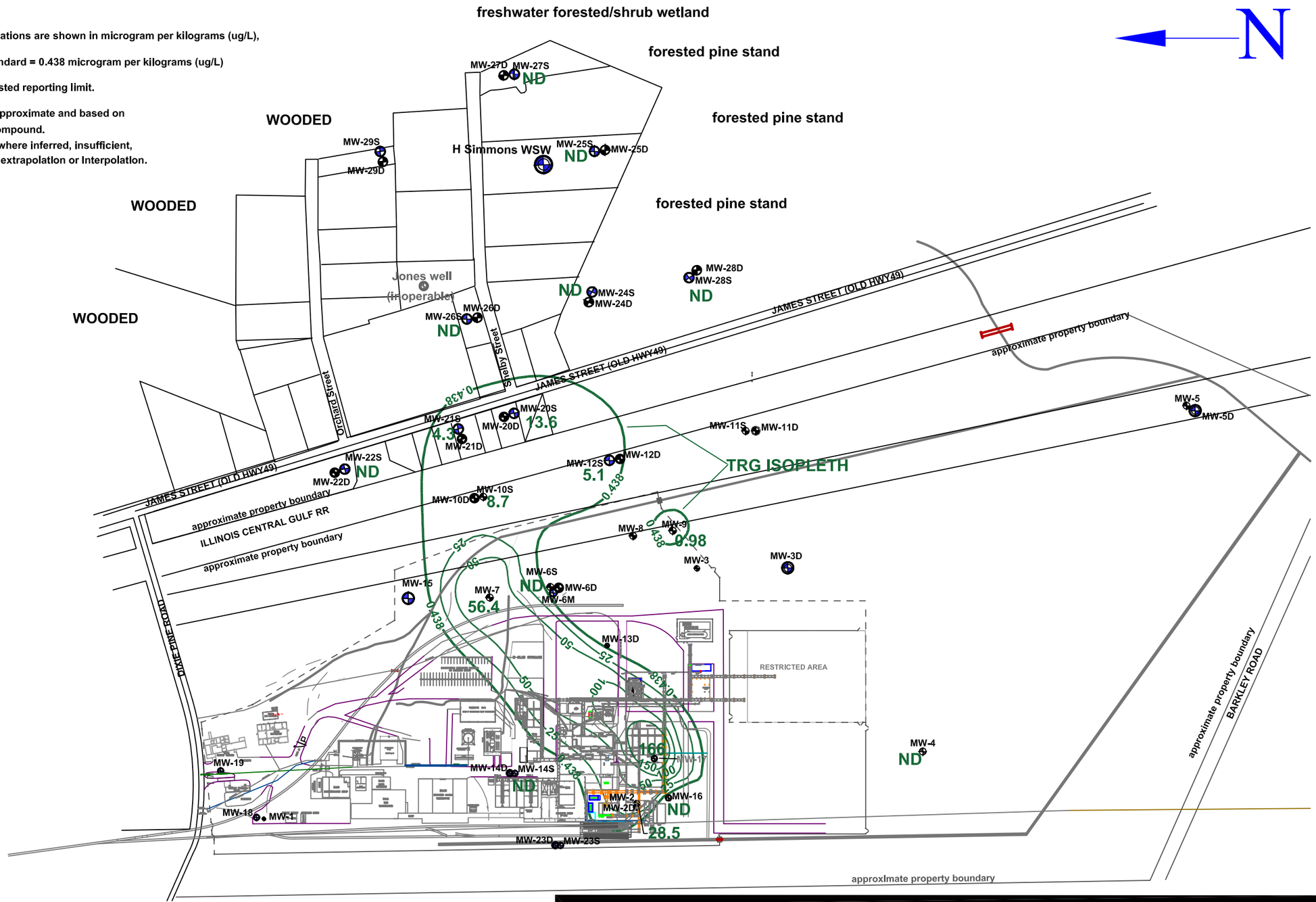
DCPD = dicylopentadiene concentrations are shown in microgram per kilograms (ug/L), or parts per billion (ppb).

MDEQ Tier I TRG Groundwater Standard = 0.438 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	4
DRN BY:	DRL
CHK BY:	
DATE:	6/21/2018
REVISED:	
SCALE:	1" = 300'

DCPD ISOCONCENTRATION MAP
SHALLOW ZONE

MAY 2018

Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

Notes:

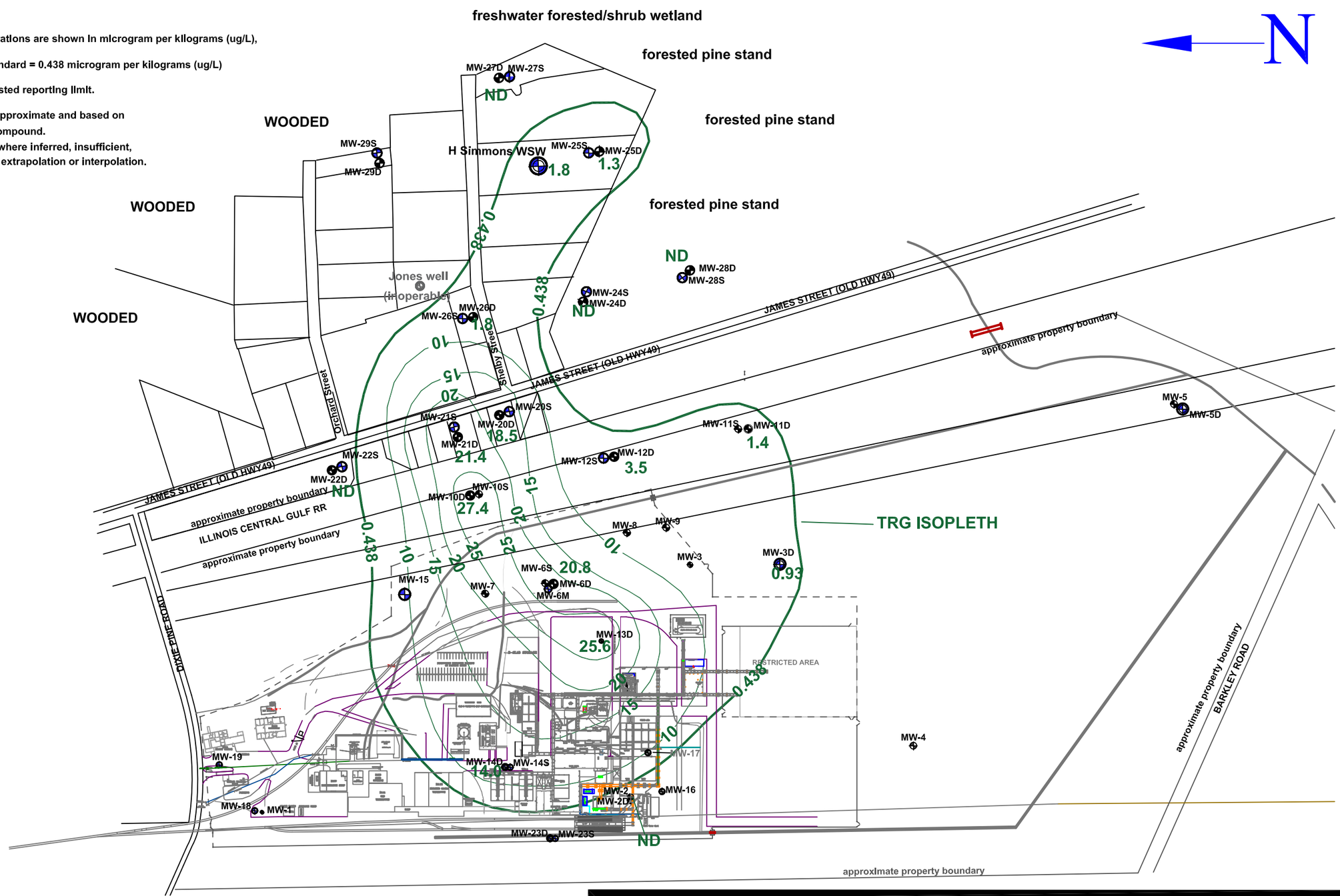
DCPD = dicylopentadiene concentrations are shown in microgram per kilograms (ug/L), or parts per billion (ppb).

MDEQ Tier I TRG Groundwater Standard = 0.438 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

⊕ - monitoring well location

FIGURE NO.:	5
DRN BY:	DRL
CHK BY:	
DATE:	6/21/2018
REVISED:	
SCALE:	1" = 300'

DCPD ISOCONCENTRATION MAP
DEEP ZONE
MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS
EI Project No. ENMO180110.00

EI

NOTES:

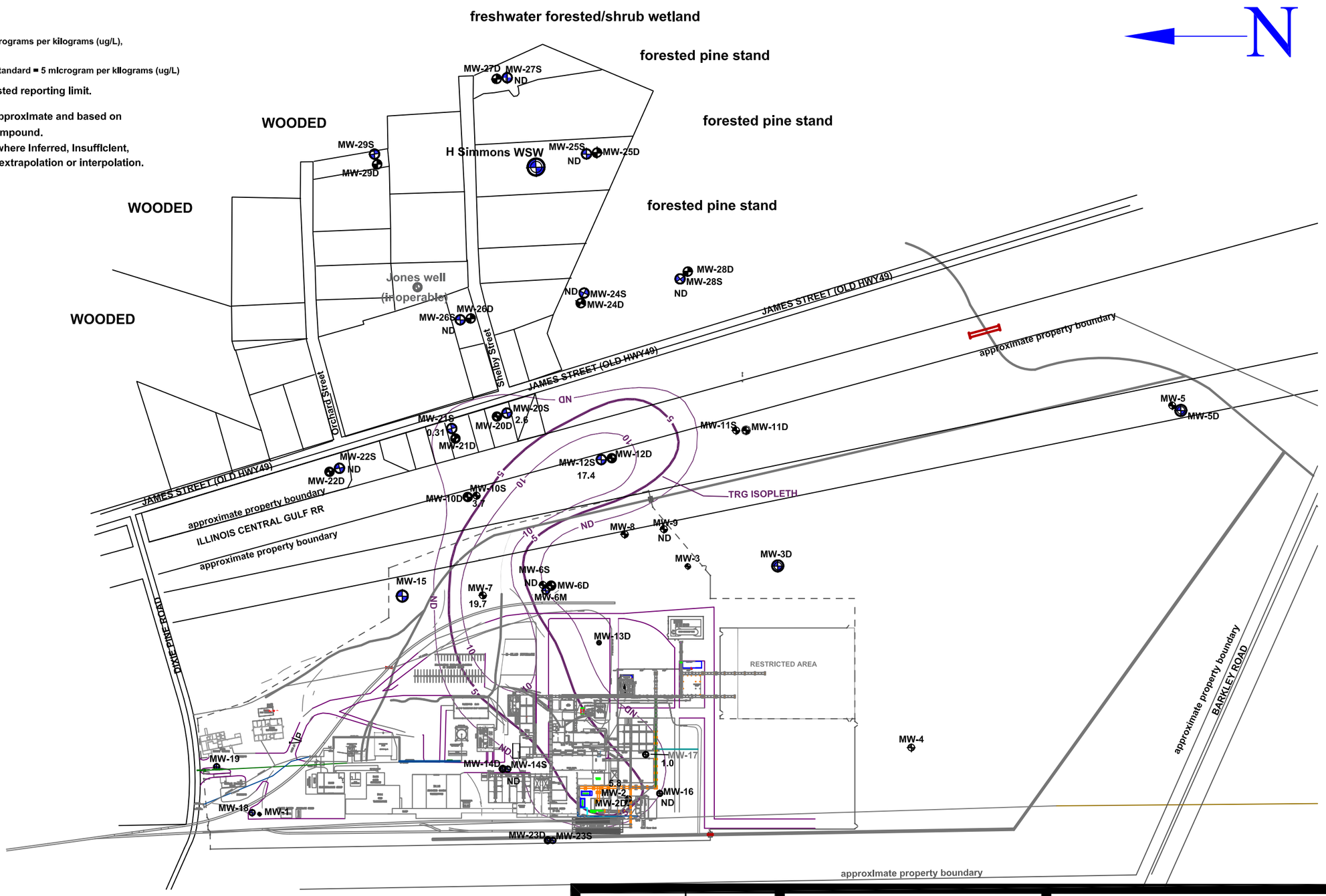
Benzene concentrations are shown in micrograms per kilograms (ug/L), or parts per billion (ppb).

Benzene MDEQ Tier I TRG Groundwater Standard = 5 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

⊕ - monitoring well location

FIGURE NO.:	6
DRN BY:	DRL
CHK BY:	
DATE:	6/21/2018
REVISED:	
SCALE:	1" = 300'

BENZENE ISOCONCENTRATION MAP
SHALLOW ZONE

MAY 2018

Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

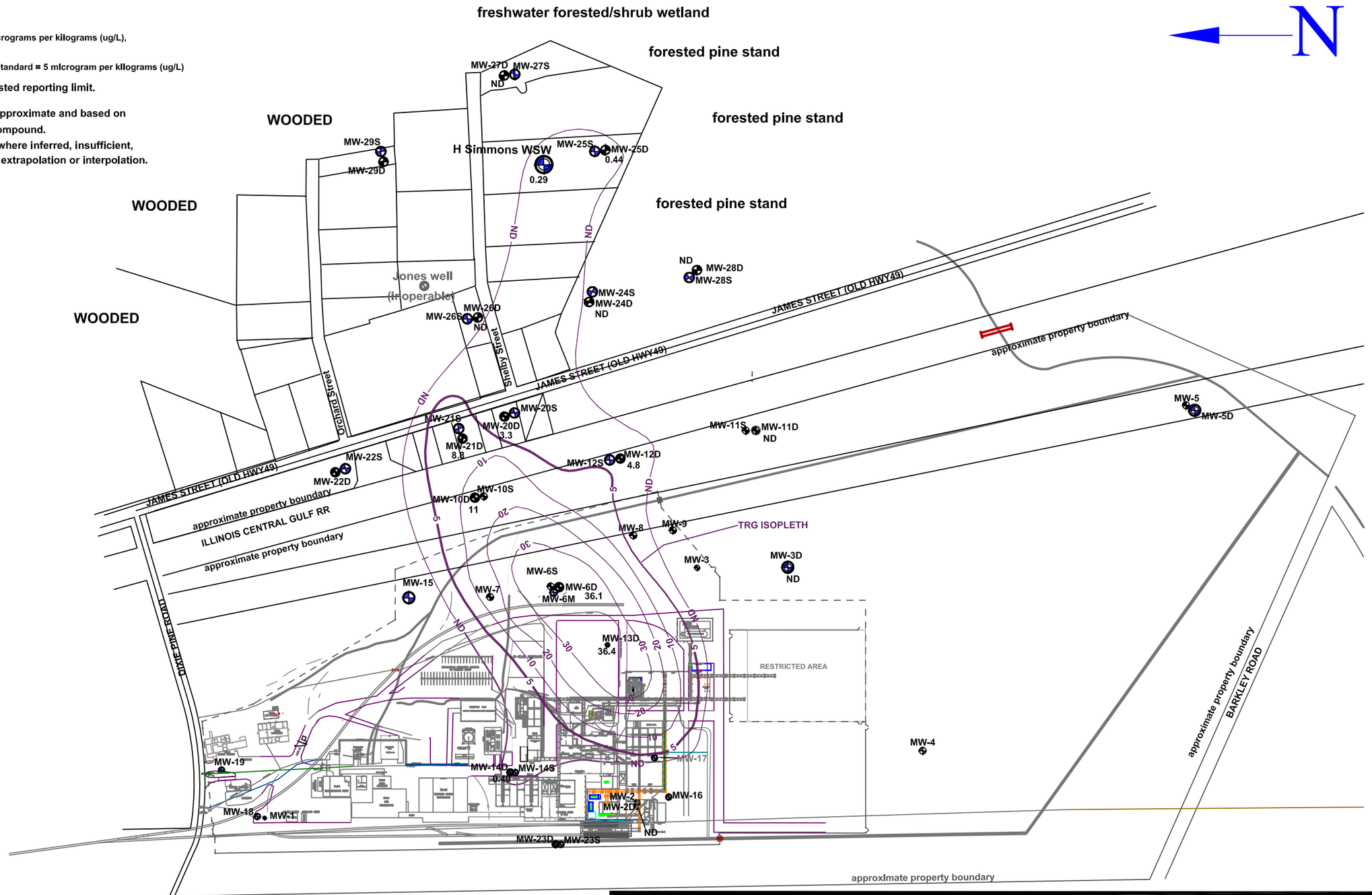
Benzene concentrations are shown in micrograms per kilograms (ug/L), or parts per billion (ppb).

Benzene MDEQ Tier I TRG Groundwater Standard = 5 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

⊕ - monitoring well location

FIGURE NO.:	7
DRN BY:	DRL
CHK BY:	
DATE:	6/22/2018
REVISED:	
SCALE:	1" = 300'

BENZENE ISOCONCENTRATION MAP
DEEP ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

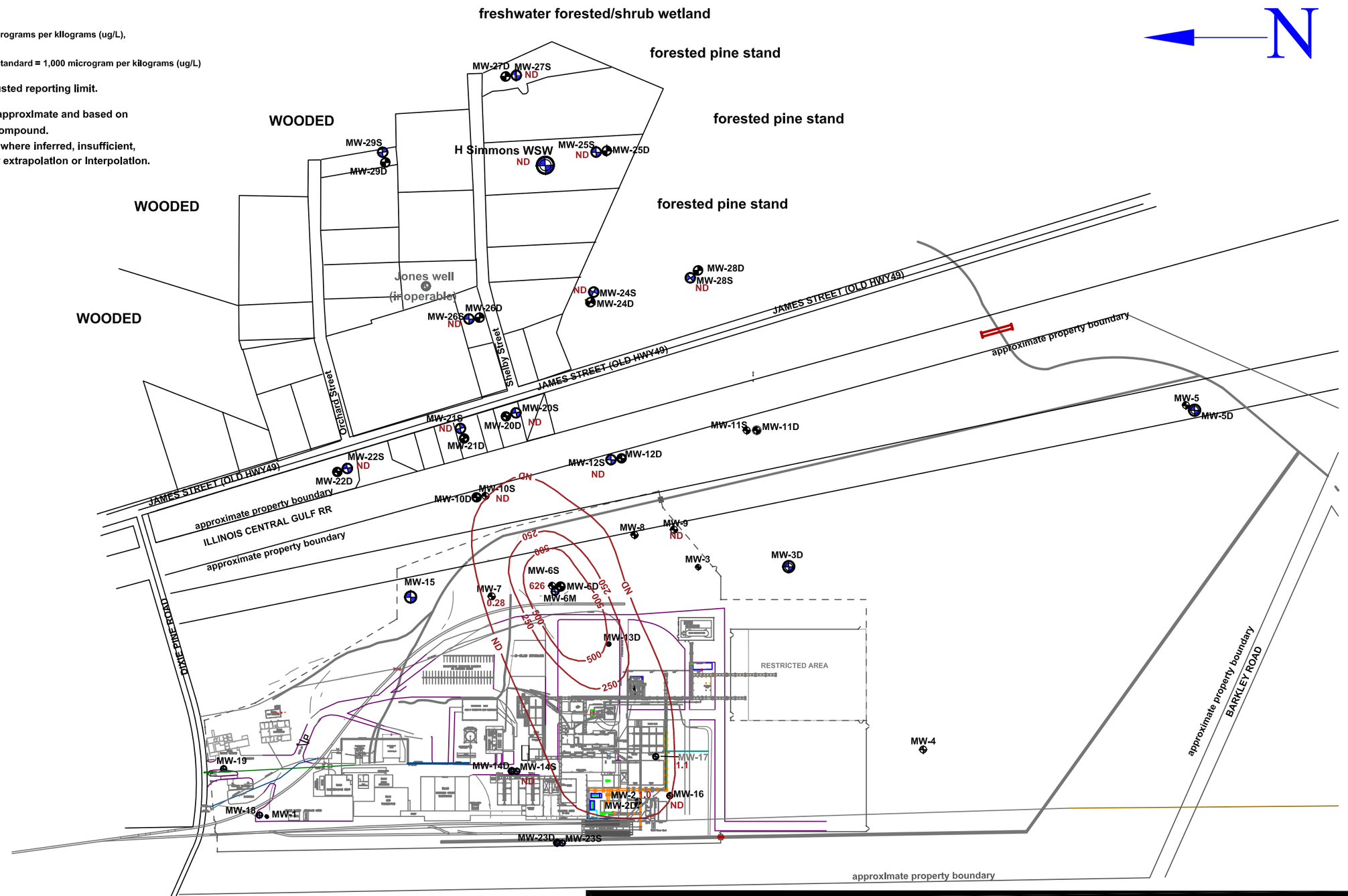
Toluene concentrations are shown in micrograms per kilograms (ug/L),

Toluene MDEQ Tier I TRG Groundwater Standard = 1,000 microgram per kilograms (ug/L) or parts per billion (ppb).

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	8
DRN BY:	DRL
CHK BY:	
DATE:	6/22/2018
REVISED:	
SCALE:	1" = 300'

TOLUENE ISOCONCENTRATION MAP
SHALLOW ZONE

MAY 2018

Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

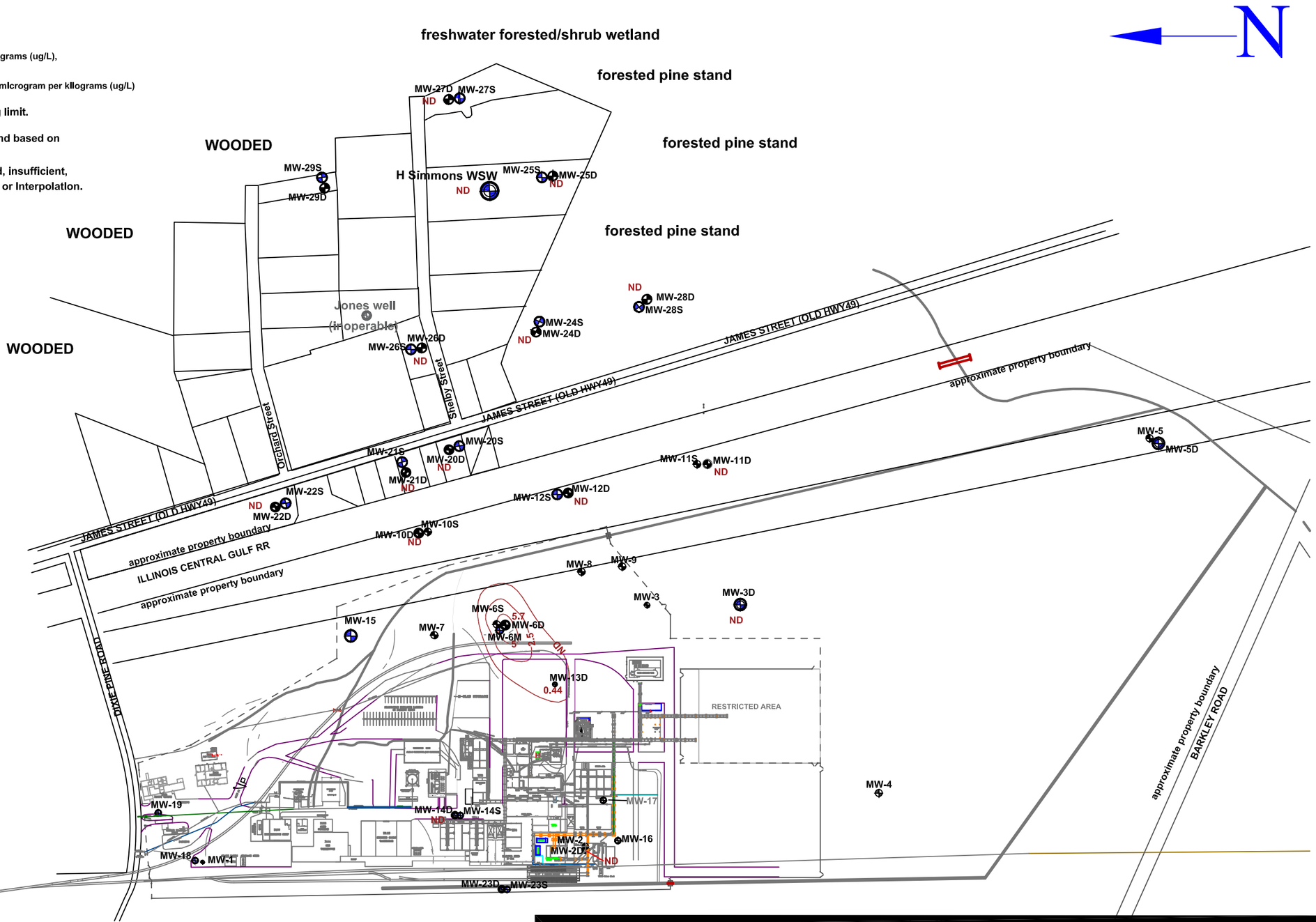
Toluene concentrations are shown in micrograms per kilograms (ug/L),

Toluene MDEQ Tier I TRG Groundwater Standard = 1,000 microgram per kilograms (ug/L) or parts per billion (ppb).

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	9
DRN BY:	DRL
CHK BY:	
DATE:	6/25/2018
REVISED:	
SCALE:	1" = 300'

TOLUENE ISOCONCENTRATION MAP
DEEP ZONE

MAY 2018

Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

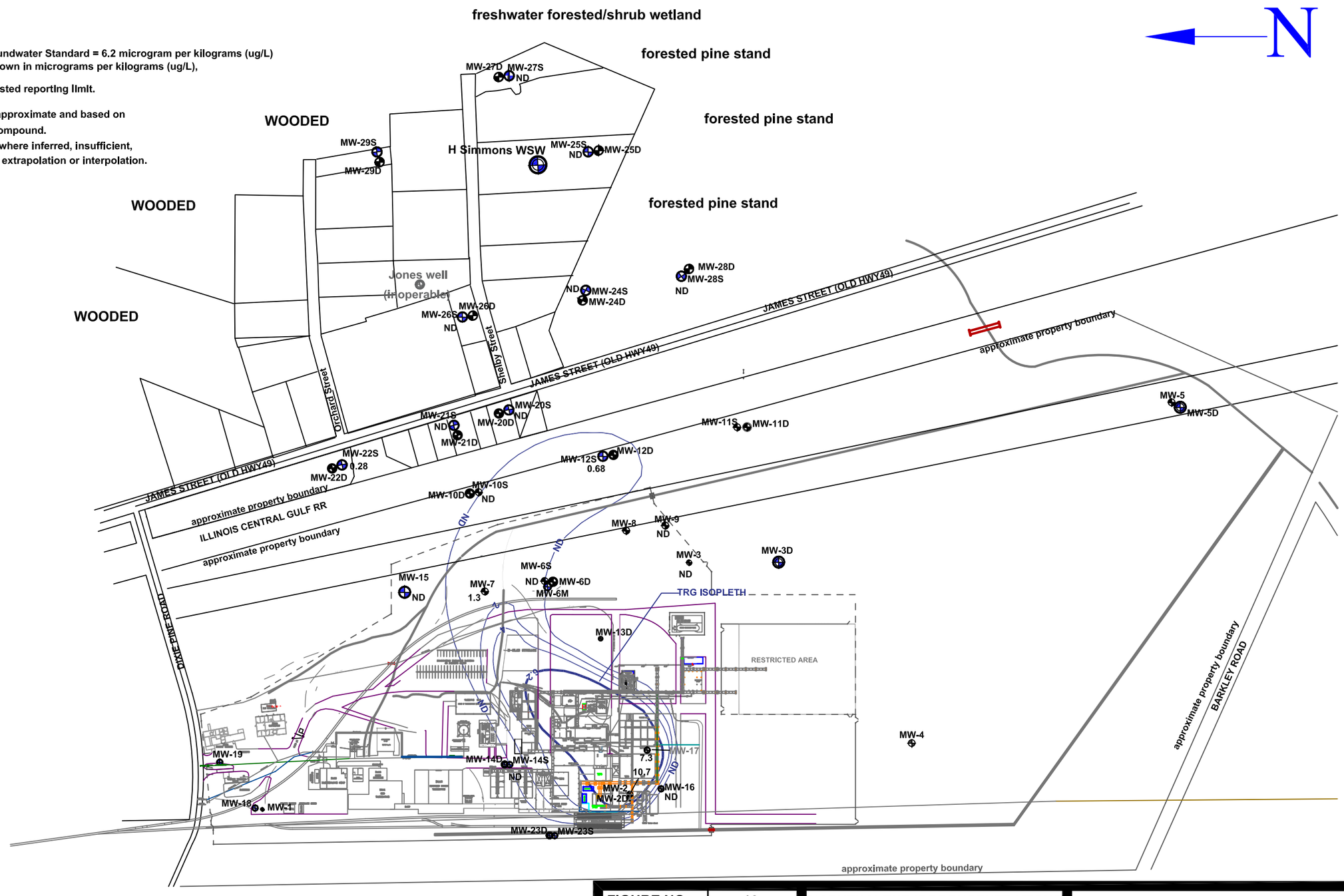
EI

Notes:

Naphthalene MDEQ Tier I TRG Groundwater Standard = 6.2 microgram per kilograms (ug/L)
Naphthalene concentrations are shown in micrograms per kilograms (ug/L),

ND = not detected at or above adjusted reportlng llmlt.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.
Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 240' 480'
Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	10
DRN BY:	DRL
CHK BY:	
DATE:	6/26/2018
REVISED:	
SCALE:	1" = 300'

NAPHTHALENE ISOCONCENTRATIONS
SHALLOW ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS
EI Project No. ENMO180110.00

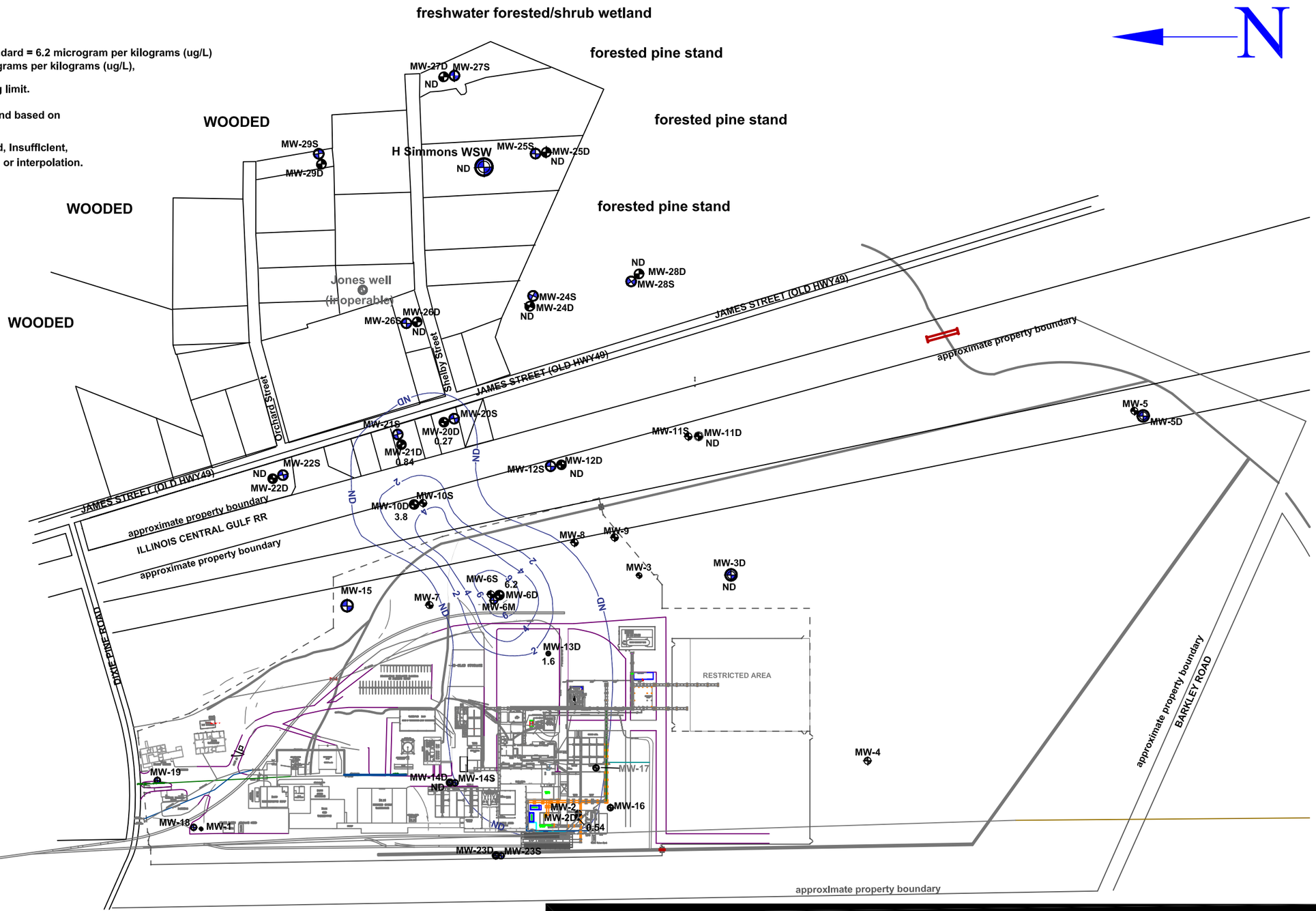
EI

Notes:

Naphthalene MDEQ Tier I TRG Groundwater Standard = 6.2 microgram per kilograms (ug/L)
Naphthalene concentrations are shown in micrograms per kilograms (ug/L),

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.
Isoconcentration lines are dashed where Inferred, Insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'
Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	11
DRN BY:	DRL
CHK BY:	
DATE:	6/27/2018
REVISED:	
SCALE:	1" = 300'

NAPHTHALENE ISOCONCENTRATIONS
DEEP ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS
EI Project No. ENMO180110.00

EI

NOTES:

C5-C8 Allphatlc concentratlons are shown ln mlcrograms per kllograms (ug/L),

C5-C8 Allphatlcs MDEQ Tler ll TRG Groundwater Standard = 400 mlcrogram per kllograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.
Isoconcentratlon llnes are dashed where lnferred, lnsufflclent, or where no data are available for extrapolation or interpolation.

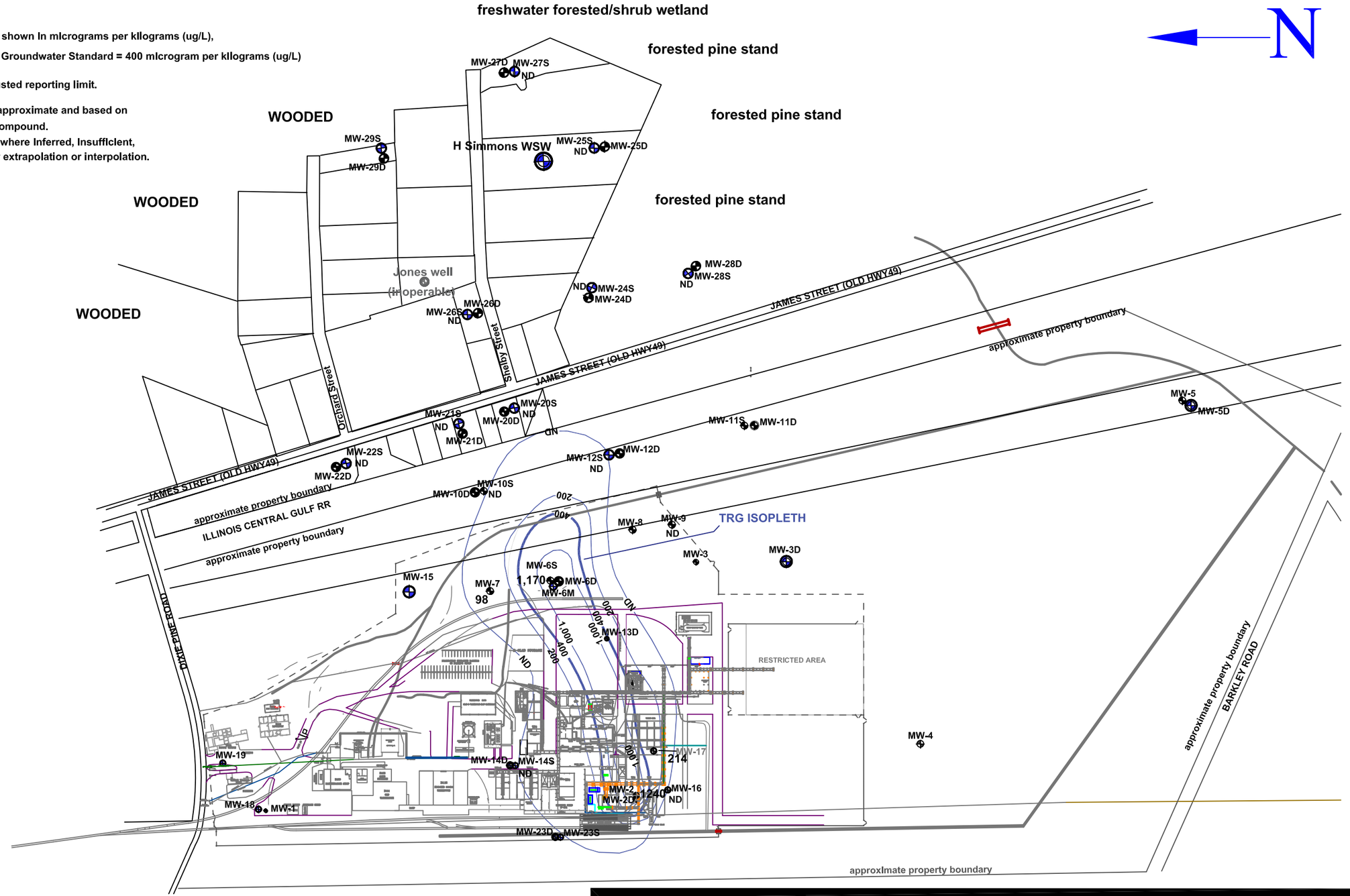


FIGURE NO.:	12
DRN BY:	DRL
CHK BY:	
DATE:	7/25/2018
REVISED:	
SCALE:	1" = 300'

C5-C8 ALIPHATIC ISOCONCENTRATIONS SHALLOW ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

Notes:

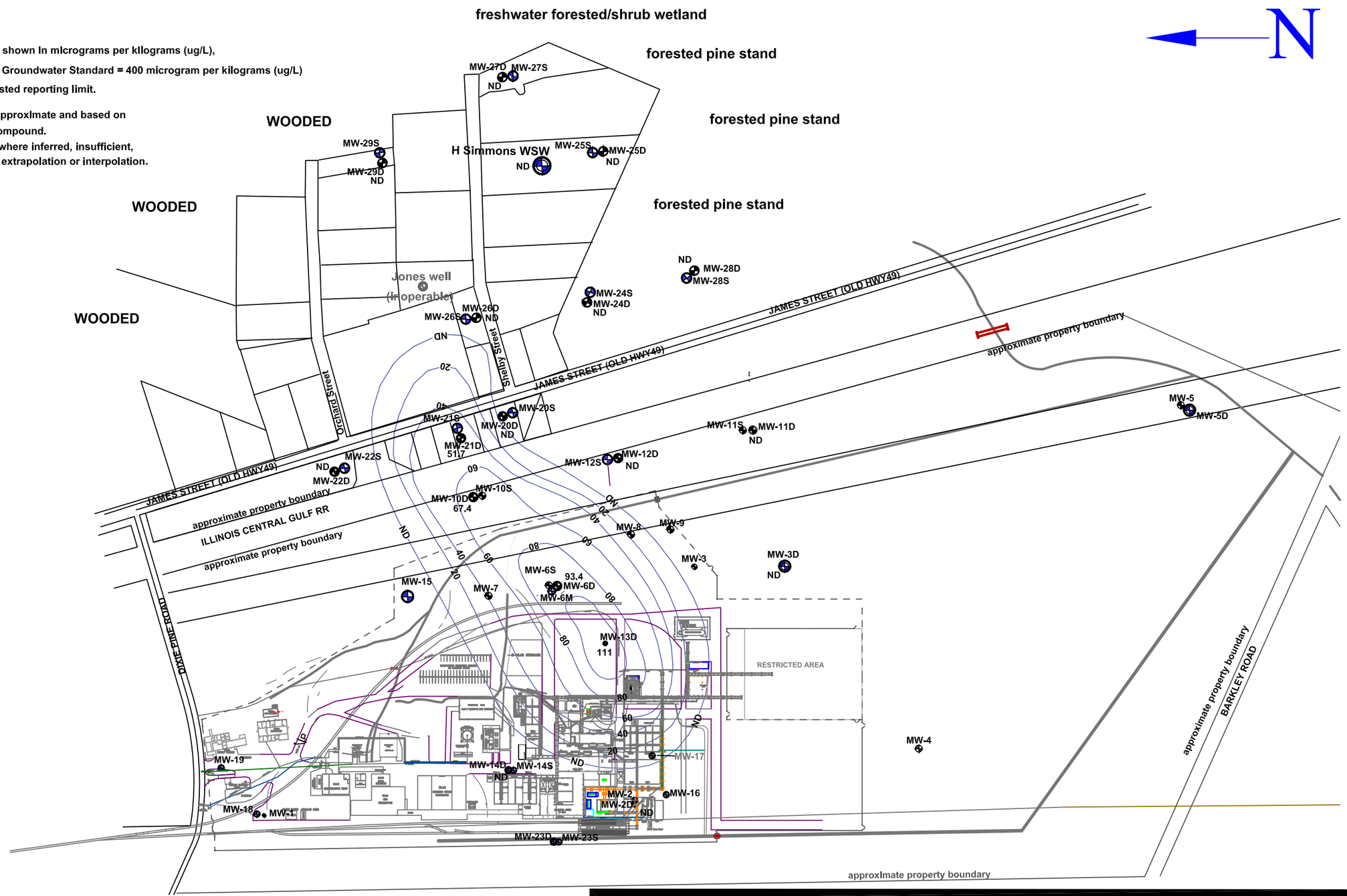
C5-C8 Allphatlc concentratlons are shown In mlcrograms per kllograms (ug/L),

C5-C8 Aliphatics MDEQ Tier II TRG Groundwater Standard = 400 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentratlon llnes shown are approxlmate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	13
DRN BY:	DRL
CHK BY:	
DATE:	7/25/2018
REVISED:	
SCALE:	1" = 300'

C5-C8 ALIPHATIC
ISOCONCENTRATIONS
DEEP ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

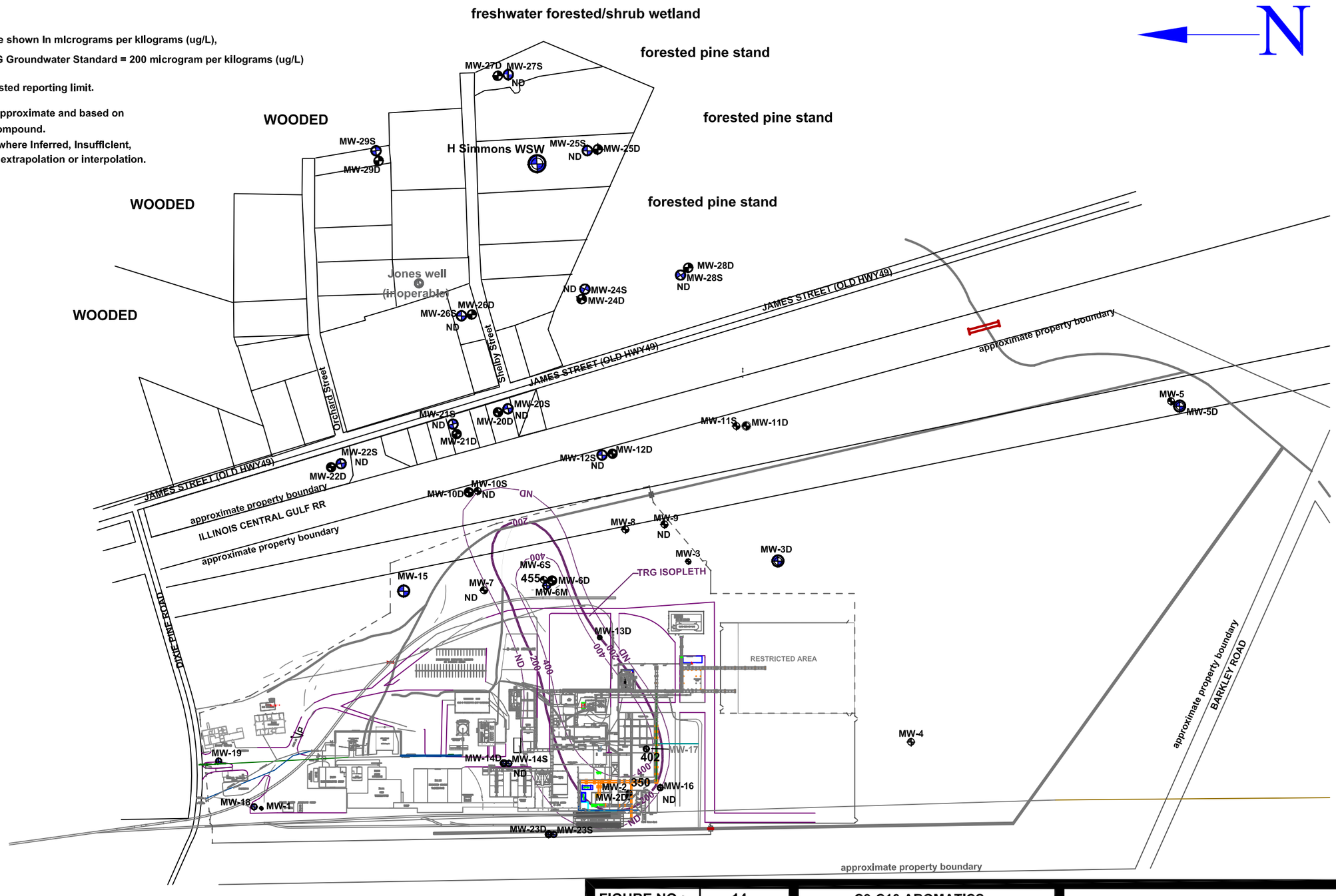
C9-C10 Aromatic concentrations are shown in micrograms per kilograms (ug/L),

C9-C10 Aromatics MDEQ Tier II TRG Groundwater Standard = 200 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

⊕ - monitoring well location

FIGURE NO.:	14
DRN BY:	DRL
CHK BY:	
DATE:	7/24/2018
REVISED:	
SCALE:	1" = 300'

C9-C10 AROMATICS
ISOCONCENTRATIONS
SHALLOW ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

C9-C10 Aromatic concentrations are shown in micrograms per kilograms (ug/L),

C9-C10 Aromatics MDEQ Tier II TRG Groundwater Standard = 200 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.

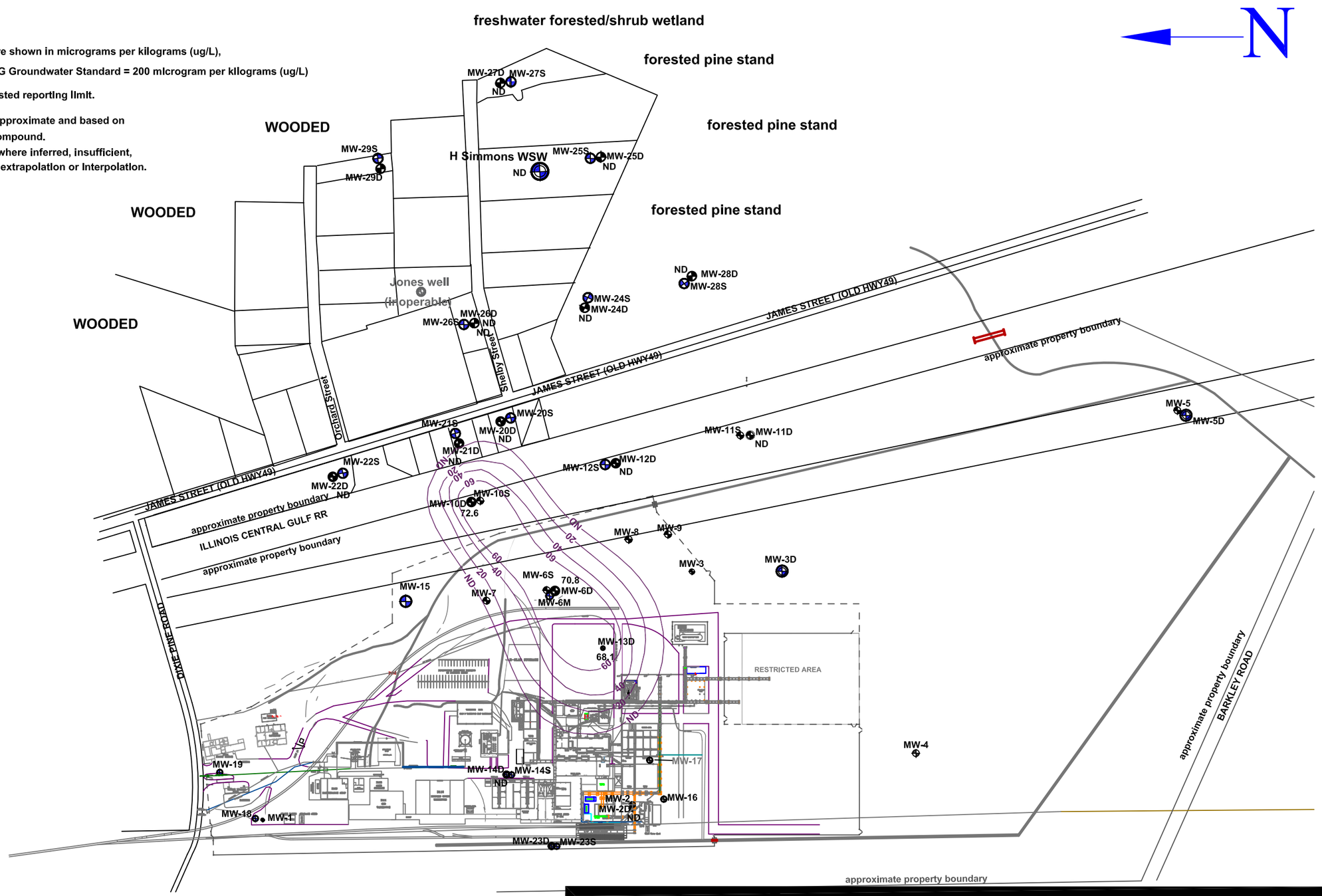


FIGURE NO.:	15
DRN BY:	DRL
CHK BY:	
DATE:	7/24/2018
REVISED:	
SCALE:	1" = 300'

C9-C10 AROMATICS
ISOCONCENTRATIONS
DEEP ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

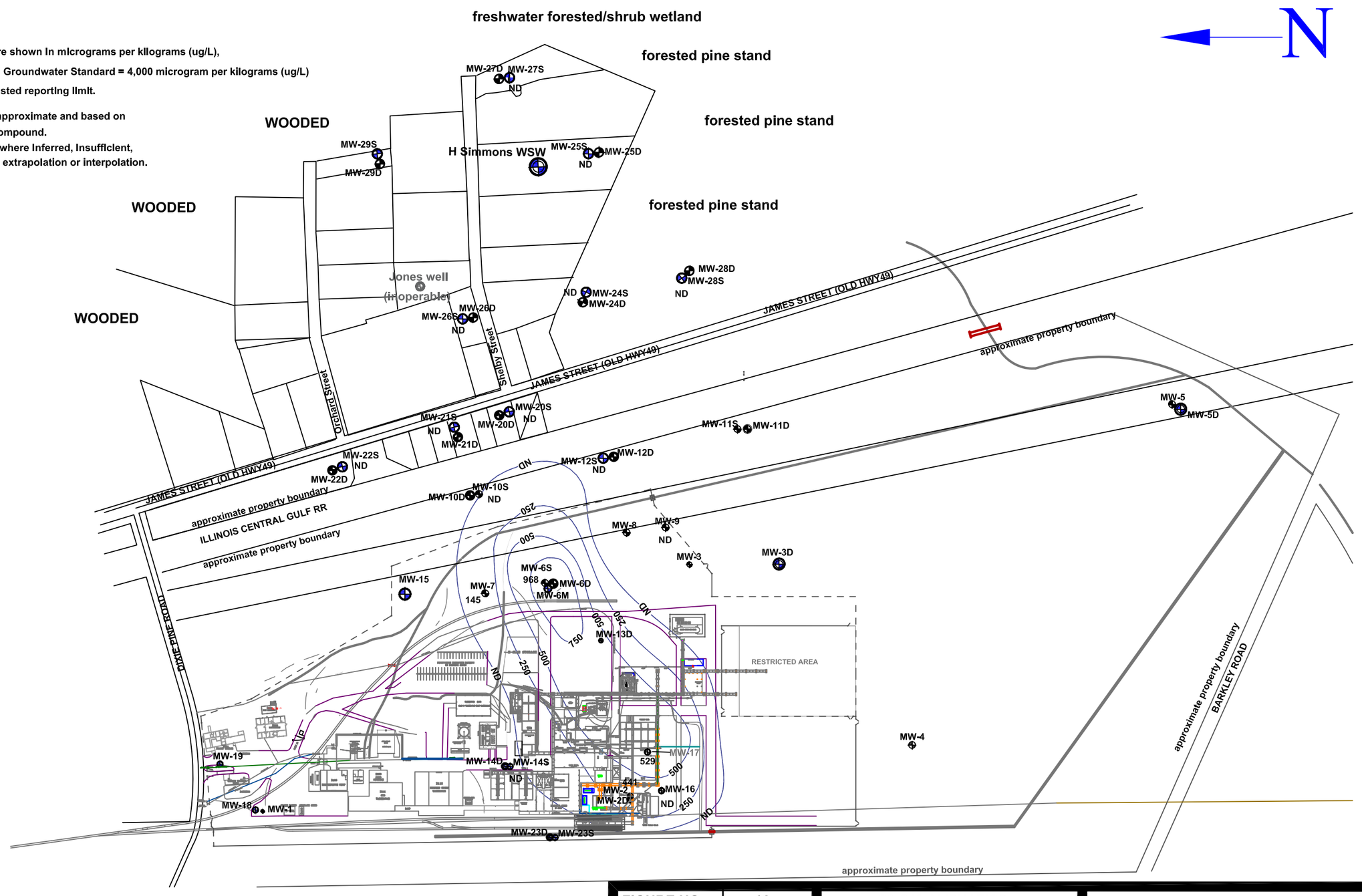
C9-C12 Allphatlc concentratlons are shown In mlcrograms per kllograms (ug/L),

C9-C12 Aliphatis MDEQ Tier II TRG Groundwater Standard = 4,000 microgram per kilograms (ug/L)

ND = not detected at or above adjusted reportlng llmlt.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentratlon llnes are dashed where Inferred, Insufflclent, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

● - monitoring well location

FIGURE NO.:	16
DRN BY:	DRL
CHK BY:	
DATE:	7/25/2018
REVISED:	
SCALE:	1" = 300'

C9-C12 ALIPHATICS ISOCONCENTRATIONS SHALLOW ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

NOTES:

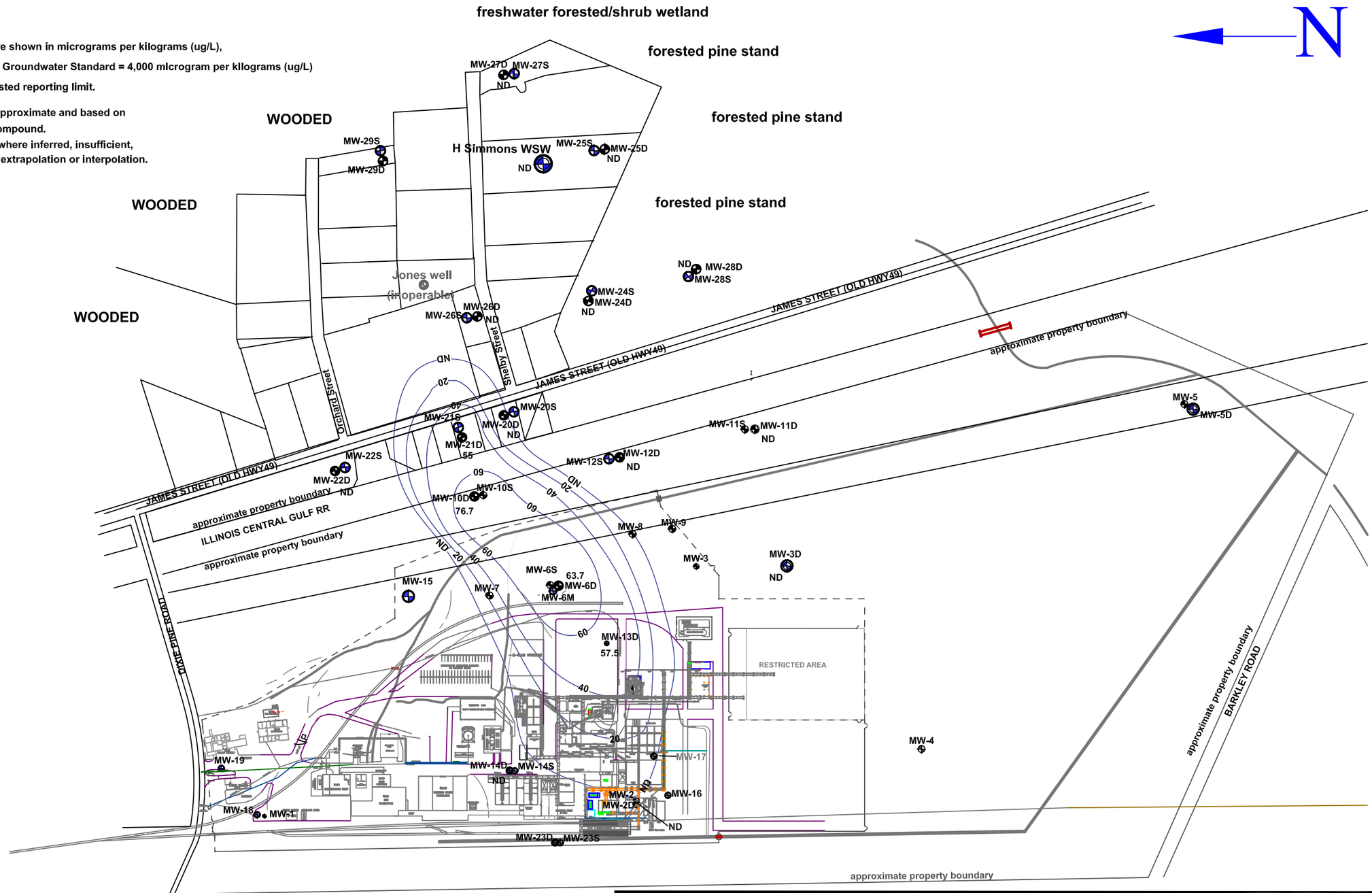
C9-C12 Aliphatic concentrations are shown in micrograms per kilograms (ug/L),

C9-C12 Allphatls MDEQ Tler II TRG Groundwater Standard = 4,000 mlcrogram per kllograms (ug/L)

ND = not detected at or above adjusted reporting limit.

Isoconcentration lines shown are approximate and based on laboratory results for the target compound.

Isoconcentration lines are dashed where inferred, insufficient, or where no data are available for extrapolation or interpolation.



0' 300' 600'

Approximate Scale in Feet

- monitoring well location

FIGURE NO.:	17
DRN BY:	DRL
CHK BY:	
DATE:	7/25/2018
REVISED:	
SCALE:	1" = 300'

C9-C12 ALIPHATICS
ISOCONCENTRATIONS
DEEP ZONE

MAY 2018
Resinall Corporation
102 Dixie Pine Road
Hattiesburg, MS

EI Project No. ENMO180110.00

EI

APPENDIX A

LABORATORY ANALYTICAL RESULTS

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

June 13, 2018

Darren Lockhart
The EI Group, Inc.
2101 Gateway Centre Blvd
Suite 200
Morrisville, NC 27560

RE: Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Dear Darren Lockhart:
Enclosed are the analytical results for sample(s) received by the laboratory on June 01, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Taylor Ezell
taylor.ezell@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Doug Albrecht, The EI Group, Inc.

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

CERTIFICATIONS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92386889001	MW-2	Water	05/28/18 14:17	06/01/18 11:07
92386889002	MW-2D	Water	05/28/18 14:50	06/01/18 11:07
92386889003	MW-3D	Water	05/29/18 09:10	06/01/18 11:07
92386889004	MW-6S	Water	05/28/18 11:26	06/01/18 11:07
92386889005	MW-7	Water	05/29/18 10:31	06/01/18 11:07
92386889006	MW-9	Water	05/28/18 09:33	06/01/18 11:07
92386889007	MW-10S	Water	05/28/18 10:35	06/01/18 11:07
92386889008	MW-10D	Water	05/28/18 09:40	06/01/18 11:07
92386889009	MW-11D	Water	05/29/18 08:33	06/01/18 11:07
92386889010	MW-12S	Water	05/28/18 09:26	06/01/18 11:07
92386889011	MW-12D	Water	05/28/18 10:26	06/01/18 11:07
92386889012	MW-14S	Water	05/29/18 11:15	06/01/18 11:07
92386889013	MW-14D	Water	05/29/18 10:30	06/01/18 11:07
92386889014	MW-16	Water	05/28/18 14:20	06/01/18 11:07
92386889015	MW-13D	Water	05/29/18 07:40	06/01/18 11:07
92386889016	MW-17	Water	05/28/18 14:55	06/01/18 11:07
92386889017	MW-6D	Water	05/28/18 12:00	06/01/18 11:07
92386889018	MW-22S	Water	05/29/18 15:45	06/01/18 11:07
92386889019	MW-22D	Water	05/29/18 14:45	06/01/18 11:07
92386889020	MW-20D	Water	05/29/18 15:22	06/01/18 11:07
92386889021	MW-20S	Water	05/29/18 16:04	06/01/18 11:07
92386889022	MW-21D	Water	05/29/18 14:12	06/01/18 11:07
92386889023	MW-21S	Water	05/29/18 14:49	06/01/18 11:07
92386889024	DUP-1	Water	05/29/18 14:49	06/01/18 11:07
92386889025	MW-27S	Water	05/30/18 09:32	06/01/18 11:07
92386889026	MW-27D	Water	05/30/18 09:04	06/01/18 11:07
92386889027	H SIMMONS WSW	Water	05/30/18 09:00	06/01/18 11:07
92386889028	MW-25S	Water	05/30/18 11:25	06/01/18 11:07
92386889029	MW-26S	Water	05/30/18 16:27	06/01/18 11:07
92386889030	MW-26D	Water	05/30/18 16:53	06/01/18 11:07
92386889031	MW-24S	Water	05/30/18 15:36	06/01/18 11:07
92386889032	MW-24D	Water	05/30/18 15:10	06/01/18 11:07
92386889033	MW-28D	Water	05/30/18 16:15	06/01/18 11:07
92386889034	MW-28S	Water	05/30/18 16:45	06/01/18 11:07
92386889035	MW-25D	Water	05/31/18 08:58	06/01/18 11:07
92386889036	TRIP BLANK	Water	05/31/18 00:00	06/01/18 11:07

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92386889001	**MW-2**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889002	**MW-2D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889003	**MW-3D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889004	**MW-6S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889005	**MW-7**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889006	**MW-9**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889007	**MW-10S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889008	**MW-10D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889009	**MW-11D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889010	**MW-12S**	MADEP EPH	SEM	7	PASI-C

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SAMPLE ANALYTE COUNT

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889011	**MW-12D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889012	**MW-14S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889013	**MW-14D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889014	**MW-16**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889015	**MW-13D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889016	**MW-17**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889017	**MW-6D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889018	**MW-22S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889019	**MW-22D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C

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SAMPLE ANALYTE COUNT

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889020	**MW-20D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889021	**MW-20S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889022	**MW-21D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889023	**MW-21S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889024	**DUP-1**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889025	**MW-27S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889026	**MW-27D**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889027	**H SIMMONS WSW**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889028	**MW-25S**	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	GAW	63	PASI-C
92386889029	MW-26S	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889030	MW-26D	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889031	MW-24S	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889032	MW-24D	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889033	MW-28D	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889034	MW-28S	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889035	MW-25D	MADEP EPH	SEM	7	PASI-C
		MADEP VPH	CL	5	PASI-C
		EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C
92386889036	TRIP BLANK	EPA 8260B	AEZ	4	PASI-M
		EPA 8260	GAW	63	PASI-C

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ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-2 **Lab ID: 92386889001** Collected: 05/28/18 14:17 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	**145**	ug/L	100	100	1	06/07/18 22:05	06/11/18 18:17		N2
Aliphatic (C19-C36)	ND	ug/L	100	100	1	06/07/18 22:05	06/11/18 18:17		N2
Aromatic (C11-C22)	ND	ug/L	100	100	1	06/07/18 22:05	06/11/18 18:17		N2
Surrogates									
Nonatriacontane (S)	72	%	40-140		1	06/07/18 22:05	06/11/18 18:17	7194-86-7	
o-Terphenyl (S)	78	%	40-140		1	06/07/18 22:05	06/11/18 18:17	84-15-1	
2-Fluorobiphenyl (S)	89	%	40-140		1	06/07/18 22:05	06/11/18 18:17	321-60-8	
2-Bromonaphthalene (S)	70	%	40-140		1	06/07/18 22:05	06/11/18 18:17	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**1240**	ug/L	50.0	50.0	1		06/01/18 18:32		N2
Aliphatic (C09-C12)	**441**	ug/L	50.0	50.0	1		06/01/18 18:32		N2
Aromatic (C09-C10)	**350**	ug/L	50.0	50.0	1		06/01/18 18:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	123	%	70-130		1		06/01/18 18:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	93	%	70-130		1		06/01/18 18:32	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**28.5**	ug/L	1.0	0.53	1		06/08/18 14:18	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 14:18	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		06/08/18 14:18	2037-26-5	
4-Bromofluorobenzene (S)	158	%.	75-125		1		06/08/18 14:18	460-00-4	S1
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 14:56	67-64-1	
Benzene	**5.8**	ug/L	1.0	0.25	1		06/08/18 14:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 14:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 14:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 14:56	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 14:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 14:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 14:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 14:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 14:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 14:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 14:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 14:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 14:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 14:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 14:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 14:56	541-73-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-2 **Lab ID: 92386889001** Collected: 05/28/18 14:17 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 14:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 14:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 14:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 14:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 14:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 14:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 14:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 14:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 14:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 14:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 14:56	108-20-3	
Ethylbenzene	**15.9**	ug/L	1.0	0.30	1		06/08/18 14:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 14:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 14:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:56	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 14:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 14:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 14:56	1634-04-4	
Naphthalene	**10.7**	ug/L	1.0	0.24	1		06/08/18 14:56	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 14:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 14:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 14:56	127-18-4	
Toluene	**1.0J**	ug/L	1.0	0.26	1		06/08/18 14:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 14:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 14:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 14:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 14:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 14:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 14:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 14:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 14:56	75-01-4	
Xylene (Total)	**18.1**	ug/L	1.0	1.0	1		06/08/18 14:56	1330-20-7	
m&p-Xylene	**16.8**	ug/L	2.0	0.66	1		06/08/18 14:56	179601-23-1	
o-Xylene	**1.2**	ug/L	1.0	0.23	1		06/08/18 14:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-130		1		06/08/18 14:56	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		06/08/18 14:56	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		06/08/18 14:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-2D **Lab ID: 92386889002** Collected: 05/28/18 14:50 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 17:19		N2
Aliphatic (C19-C36)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 17:19		N2
Aromatic (C11-C22)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 17:19		N2
Surrogates									
Nonatriacontane (S)	85	%	40-140		1	06/11/18 16:00	06/12/18 17:19	7194-86-7	
o-Terphenyl (S)	77	%	40-140		1	06/11/18 16:00	06/12/18 17:19	84-15-1	
2-Fluorobiphenyl (S)	76	%	40-140		1	06/11/18 16:00	06/12/18 17:19	321-60-8	
2-Bromonaphthalene (S)	77	%	40-140		1	06/11/18 16:00	06/12/18 17:19	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 19:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 19:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 19:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	83	%	70-130		1		06/01/18 19:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	78	%	70-130		1		06/01/18 19:00	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/07/18 17:52	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%.	75-125		1		06/07/18 17:52	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/07/18 17:52	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/07/18 17:52	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 15:12	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 15:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 15:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 15:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 15:12	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 15:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 15:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 15:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 15:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 15:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 15:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 15:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 15:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 15:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 15:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 15:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 15:12	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-2D **Lab ID: 92386889002** Collected: 05/28/18 14:50 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 15:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 15:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 15:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 15:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 15:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 15:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 15:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 15:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 15:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 15:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 15:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 15:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 15:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 15:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 15:12	1634-04-4	
Naphthalene	**0.54J**	ug/L	1.0	0.24	1		06/08/18 15:12	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 15:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 15:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 15:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 15:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 15:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 15:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 15:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 15:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 15:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 15:12	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 15:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 15:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 15:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/18 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		06/08/18 15:12	17060-07-0	
Toluene-d8 (S)	118	%	70-130		1		06/08/18 15:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-3D **Lab ID: 92386889003** Collected: 05/29/18 09:10 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	100	100	1	06/07/18 22:05	06/11/18 18:45		N2
Aliphatic (C19-C36)	ND	ug/L	100	100	1	06/07/18 22:05	06/11/18 18:45		N2
Aromatic (C11-C22)	ND	ug/L	100	100	1	06/07/18 22:05	06/11/18 18:45		N2
Surrogates									
Nonatriacontane (S)	60	%	40-140		1	06/07/18 22:05	06/11/18 18:45	7194-86-7	
o-Terphenyl (S)	63	%	40-140		1	06/07/18 22:05	06/11/18 18:45	84-15-1	
2-Fluorobiphenyl (S)	75	%	40-140		1	06/07/18 22:05	06/11/18 18:45	321-60-8	
2-Bromonaphthalene (S)	76	%	40-140		1	06/07/18 22:05	06/11/18 18:45	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 19:29		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 19:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 19:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	80	%	70-130		1		06/01/18 19:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	78	%	70-130		1		06/01/18 19:29	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**0.93J**	ug/L	1.0	0.53	1		06/08/18 01:41	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 01:41	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		06/08/18 01:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/08/18 01:41	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 14:21	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 14:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 14:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 14:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 14:21	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 14:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 14:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 14:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 14:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 14:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 14:21	67-66-3	
Chloromethane	**0.18J**	ug/L	1.0	0.11	1		06/08/18 14:21	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 14:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 14:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 14:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 14:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 14:21	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-3D **Lab ID: 92386889003** Collected: 05/29/18 09:10 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 14:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 14:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 14:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 14:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 14:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 14:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 14:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 14:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 14:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 14:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 14:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 14:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 14:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 14:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:21	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 14:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 14:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 14:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 14:21	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 14:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 14:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 14:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 14:21	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 14:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 14:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 14:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 14:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 14:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 14:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 14:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 14:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 14:21	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 14:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 14:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 14:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/18 14:21	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		06/08/18 14:21	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		06/08/18 14:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-6S **Lab ID: 92386889004** Collected: 05/28/18 11:26 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 16:52		N2
Aliphatic (C19-C36)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 16:52		N2
Aromatic (C11-C22)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 16:52		N2
Surrogates									
Nonatriacontane (S)	54	%	40-140		1	06/07/18 22:05	06/11/18 16:52	7194-86-7	
o-Terphenyl (S)	46	%	40-140		1	06/07/18 22:05	06/11/18 16:52	84-15-1	
2-Fluorobiphenyl (S)	58	%	40-140		1	06/07/18 22:05	06/11/18 16:52	321-60-8	
2-Bromonaphthalene (S)	59	%	40-140		1	06/07/18 22:05	06/11/18 16:52	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**1170**	ug/L	250	250	5		06/02/18 23:49		N2
Aliphatic (C09-C12)	**968**	ug/L	250	250	5		06/02/18 23:49		N2
Aromatic (C09-C10)	**455**	ug/L	250	250	5		06/02/18 23:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	107	%	70-130		5		06/02/18 23:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		5		06/02/18 23:49	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	10.0	5.3	10		06/08/18 14:41	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		10		06/08/18 14:41	17060-07-0	F1
Toluene-d8 (S)	97	%.	75-125		10		06/08/18 14:41	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		10		06/08/18 14:41	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	125	50.0	5		06/11/18 15:34	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/11/18 15:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/11/18 15:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/11/18 15:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/11/18 15:34	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/11/18 15:34	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/11/18 15:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/11/18 15:34	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/11/18 15:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/11/18 15:34	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/11/18 15:34	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/11/18 15:34	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/11/18 15:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/11/18 15:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/11/18 15:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	10.0	5		06/11/18 15:34	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/11/18 15:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/11/18 15:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/11/18 15:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/11/18 15:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/11/18 15:34	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-6S **Lab ID: 92386889004** Collected: 05/28/18 11:26 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/11/18 15:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/11/18 15:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/11/18 15:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.2	5		06/11/18 15:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/11/18 15:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/11/18 15:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/11/18 15:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/11/18 15:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/11/18 15:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/11/18 15:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/11/18 15:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/11/18 15:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/11/18 15:34	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/11/18 15:34	108-20-3	
Ethylbenzene	**36.7**	ug/L	5.0	1.5	5		06/11/18 15:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/11/18 15:34	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/11/18 15:34	591-78-6	
p-Isopropyltoluene	**3.6J**	ug/L	5.0	1.6	5		06/11/18 15:34	99-87-6	
Methylene Chloride	**17.1**	ug/L	10.0	4.8	5		06/11/18 15:34	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/11/18 15:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/11/18 15:34	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/11/18 15:34	91-20-3	
Styrene	ND	ug/L	5.0	1.3	5		06/11/18 15:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/11/18 15:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/11/18 15:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/11/18 15:34	127-18-4	
Toluene	**626**	ug/L	5.0	1.3	5		06/11/18 15:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/11/18 15:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/11/18 15:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/11/18 15:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/11/18 15:34	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/11/18 15:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/11/18 15:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/11/18 15:34	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/11/18 15:34	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/11/18 15:34	75-01-4	
Xylene (Total)	ND	ug/L	5.0	5.0	5		06/11/18 15:34	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/11/18 15:34	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/11/18 15:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		5		06/11/18 15:34	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		5		06/11/18 15:34	17060-07-0	
Toluene-d8 (S)	112	%	70-130		5		06/11/18 15:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-7 **Lab ID: 92386889005** Collected: 05/29/18 10:31 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 17:20		N2
Aliphatic (C19-C36)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 17:20		N2
Aromatic (C11-C22)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 17:20		N2
Surrogates									
Nonatriacontane (S)	52	%	40-140		1	06/07/18 22:05	06/11/18 17:20	7194-86-7	
o-Terphenyl (S)	61	%	40-140		1	06/07/18 22:05	06/11/18 17:20	84-15-1	
2-Fluorobiphenyl (S)	74	%	40-140		1	06/07/18 22:05	06/11/18 17:20	321-60-8	
2-Bromonaphthalene (S)	76	%	40-140		1	06/07/18 22:05	06/11/18 17:20	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**98.0**	ug/L	50.0	50.0	1		06/01/18 20:26		N2
Aliphatic (C09-C12)	**145**	ug/L	50.0	50.0	1		06/01/18 20:26		N2
Aromatic (C09-C10)	**150**	ug/L	50.0	50.0	1		06/01/18 20:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		06/01/18 20:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1		06/01/18 20:26	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**56.4**	ug/L	1.0	0.53	1		06/08/18 05:12	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 05:12	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		06/08/18 05:12	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 05:12	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 14:38	67-64-1	
Benzene	**19.7**	ug/L	1.0	0.25	1		06/08/18 14:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 14:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 14:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 14:38	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 14:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 14:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 14:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 14:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 14:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 14:38	67-66-3	
Chloromethane	**0.19J**	ug/L	1.0	0.11	1		06/08/18 14:38	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 14:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 14:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 14:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 14:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 14:38	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-7 **Lab ID: 92386889005** Collected: 05/29/18 10:31 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 14:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 14:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 14:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 14:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 14:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 14:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 14:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 14:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 14:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 14:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 14:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 14:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 14:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 14:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:38	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 14:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 14:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 14:38	1634-04-4	
Naphthalene	**1.3**	ug/L	1.0	0.24	1		06/08/18 14:38	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 14:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 14:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 14:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 14:38	127-18-4	
Toluene	**0.28J**	ug/L	1.0	0.26	1		06/08/18 14:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 14:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 14:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 14:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 14:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 14:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 14:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 14:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 14:38	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 14:38	1330-20-7	
m&p-Xylene	**1.3J**	ug/L	2.0	0.66	1		06/08/18 14:38	179601-23-1	
o-Xylene	**0.37J**	ug/L	1.0	0.23	1		06/08/18 14:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/08/18 14:38	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		06/08/18 14:38	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 14:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-9 **Lab ID: 92386889006** Collected: 05/28/18 09:33 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 20:37		N2
Aliphatic (C19-C36)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 20:37		N2
Aromatic (C11-C22)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 20:37		N2
Surrogates									
Nonatriacontane (S)	50	%	40-140		1	06/07/18 22:05	06/11/18 20:37	7194-86-7	
o-Terphenyl (S)	51	%	40-140		1	06/07/18 22:05	06/11/18 20:37	84-15-1	
2-Fluorobiphenyl (S)	68	%	40-140		1	06/07/18 22:05	06/11/18 20:37	321-60-8	
2-Bromonaphthalene (S)	69	%	40-140		1	06/07/18 22:05	06/11/18 20:37	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 20:55		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 20:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 20:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130		1		06/01/18 20:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		06/01/18 20:55	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**0.98J**	ug/L	1.0	0.53	1		06/07/18 18:39	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%.	75-125		1		06/07/18 18:39	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/07/18 18:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/07/18 18:39	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 15:29	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 15:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 15:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 15:29	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 15:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 15:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 15:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 15:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 15:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 15:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 15:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 15:29	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-9 **Lab ID: 92386889006** Collected: 05/28/18 09:33 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 15:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 15:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 15:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 15:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 15:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 15:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 15:29	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 15:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 15:29	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 15:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 15:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 15:29	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 15:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 15:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 15:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/18 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		06/08/18 15:29	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/08/18 15:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-10S **Lab ID: 92386889007** Collected: 05/28/18 10:35 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 17:49		N2
Aliphatic (C19-C36)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 17:49		N2
Aromatic (C11-C22)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 17:49		N2
Surrogates									
Nonatriacontane (S)	72	%	40-140		1	06/07/18 22:05	06/11/18 17:49	7194-86-7	
o-Terphenyl (S)	54	%	40-140		1	06/07/18 22:05	06/11/18 17:49	84-15-1	
2-Fluorobiphenyl (S)	65	%	40-140		1	06/07/18 22:05	06/11/18 17:49	321-60-8	
2-Bromonaphthalene (S)	66	%	40-140		1	06/07/18 22:05	06/11/18 17:49	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 21:23		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 21:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 21:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130		1		06/01/18 21:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	87	%	70-130		1		06/01/18 21:23	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**8.7**	ug/L	1.0	0.53	1		06/07/18 19:02	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/07/18 19:02	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		06/07/18 19:02	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/07/18 19:02	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 15:46	67-64-1	
Benzene	**3.7**	ug/L	1.0	0.25	1		06/08/18 15:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 15:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 15:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 15:46	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 15:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 15:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 15:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 15:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 15:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 15:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 15:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 15:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 15:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 15:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 15:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 15:46	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-10S **Lab ID: 92386889007** Collected: 05/28/18 10:35 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 15:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 15:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 15:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 15:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 15:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 15:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 15:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 15:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 15:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 15:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 15:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 15:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 15:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 15:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:46	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 15:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 15:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 15:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 15:46	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 15:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 15:46	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 15:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 15:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 15:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 15:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 15:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 15:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 15:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 15:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 15:46	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 15:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 15:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 15:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/18 15:46	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		06/08/18 15:46	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/08/18 15:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-10D **Lab ID: 92386889008** Collected: 05/28/18 09:40 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 19:41		N2
Aliphatic (C19-C36)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 19:41		N2
Aromatic (C11-C22)	ND	ug/L	98.0	98.0	1	06/07/18 22:05	06/11/18 19:41		N2
Surrogates									
Nonatriacontane (S)	56	%	40-140		1	06/07/18 22:05	06/11/18 19:41	7194-86-7	
o-Terphenyl (S)	61	%	40-140		1	06/07/18 22:05	06/11/18 19:41	84-15-1	
2-Fluorobiphenyl (S)	75	%	40-140		1	06/07/18 22:05	06/11/18 19:41	321-60-8	
2-Bromonaphthalene (S)	78	%	40-140		1	06/07/18 22:05	06/11/18 19:41	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**67.4**	ug/L	50.0	50.0	1		06/01/18 21:52		N2
Aliphatic (C09-C12)	**76.7**	ug/L	50.0	50.0	1		06/01/18 21:52		N2
Aromatic (C09-C10)	**72.6**	ug/L	50.0	50.0	1		06/01/18 21:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	91	%	70-130		1		06/01/18 21:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		06/01/18 21:52	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**27.4**	ug/L	1.0	0.53	1		06/07/18 20:36	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/07/18 20:36	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		06/07/18 20:36	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/07/18 20:36	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 16:03	67-64-1	
Benzene	**11.0**	ug/L	1.0	0.25	1		06/08/18 16:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:03	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 16:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 16:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:03	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-10D **Lab ID: 92386889008** Collected: 05/28/18 09:40 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 16:03	108-20-3	
Ethylbenzene	**0.51J**	ug/L	1.0	0.30	1		06/08/18 16:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:03	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:03	1634-04-4	
Naphthalene	**3.8**	ug/L	1.0	0.24	1		06/08/18 16:03	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:03	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:03	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:03	1330-20-7	
m&p-Xylene	**0.94J**	ug/L	2.0	0.66	1		06/08/18 16:03	179601-23-1	
o-Xylene	**0.55J**	ug/L	1.0	0.23	1		06/08/18 16:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/08/18 16:03	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		1		06/08/18 16:03	17060-07-0	
Toluene-d8 (S)	115	%	70-130		1		06/08/18 16:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-11D **Lab ID: 92386889009** Collected: 05/29/18 08:33 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	100	100	1	06/04/18 08:47	06/06/18 20:00		L2,N2
Aliphatic (C19-C36)	ND	ug/L	100	100	1	06/04/18 08:47	06/06/18 20:00		N2
Aromatic (C11-C22)	ND	ug/L	100	100	1	06/04/18 08:47	06/06/18 14:22		N2
Surrogates									
Nonatriacontane (S)	33	%	40-140		1	06/04/18 08:47	06/06/18 20:00	7194-86-7	P2,S0
o-Terphenyl (S)	34	%	40-140		1	06/04/18 08:47	06/06/18 14:22	84-15-1	S0
2-Fluorobiphenyl (S)	73	%	40-140		1	06/04/18 08:47	06/06/18 14:22	321-60-8	
2-Bromonaphthalene (S)	74	%	40-140		1	06/04/18 08:47	06/06/18 14:22	580-13-2	P2
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 22:20		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 22:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 22:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	84	%	70-130		1		06/01/18 22:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	82	%	70-130		1		06/01/18 22:20	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 02:04	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 02:04	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 02:04	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 02:04	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 14:55	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 14:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 14:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 14:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 14:55	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 14:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 14:55	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 14:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 14:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 14:55	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 14:55	67-66-3	
Chloromethane	**0.22J**	ug/L	1.0	0.11	1		06/08/18 14:55	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 14:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 14:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 14:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 14:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 14:55	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-11D **Lab ID: 92386889009** Collected: 05/29/18 08:33 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 14:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 14:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 14:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 14:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 14:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 14:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 14:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 14:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 14:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 14:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 14:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 14:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 14:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 14:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:55	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 14:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 14:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 14:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 14:55	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 14:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 14:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 14:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 14:55	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 14:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 14:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 14:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 14:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 14:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 14:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 14:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 14:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 14:55	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 14:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 14:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 14:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/08/18 14:55	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/08/18 14:55	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 14:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-12S **Lab ID: 92386889010** Collected: 05/28/18 09:26 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/11/18 20:09		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/11/18 20:09		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/11/18 20:09		N2
Surrogates									
Nonatriacontane (S)	55	%	40-140		1	06/07/18 22:05	06/11/18 20:09	7194-86-7	
o-Terphenyl (S)	53	%	40-140		1	06/07/18 22:05	06/11/18 20:09	84-15-1	
2-Fluorobiphenyl (S)	80	%	40-140		1	06/07/18 22:05	06/11/18 20:09	321-60-8	
2-Bromonaphthalene (S)	83	%	40-140		1	06/07/18 22:05	06/11/18 20:09	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 22:49		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 22:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 22:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		06/01/18 22:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		06/01/18 22:49	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**5.1**	ug/L	1.0	0.53	1		06/07/18 19:26	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		06/07/18 19:26	17060-07-0	1g
Toluene-d8 (S)	98	%.	75-125		1		06/07/18 19:26	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/07/18 19:26	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 16:20	67-64-1	
Benzene	**17.4**	ug/L	1.0	0.25	1		06/08/18 16:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:20	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 16:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 16:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:20	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-12S **Lab ID: 92386889010** Collected: 05/28/18 09:26 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 16:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:20	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:20	1634-04-4	
Naphthalene	**0.68J**	ug/L	1.0	0.24	1		06/08/18 16:20	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:20	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:20	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 16:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 16:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/18 16:20	460-00-4	
1,2-Dichloroethane-d4 (S)	83	%	70-130		1		06/08/18 16:20	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/08/18 16:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-12D **Lab ID: 92386889011** Collected: 05/28/18 10:26 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 10:40		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 10:40		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 10:40		N2
Surrogates									
Nonatriacontane (S)	34	%	40-140		1	06/07/18 22:05	06/12/18 10:40	7194-86-7	S2
o-Terphenyl (S)	59	%	40-140		1	06/07/18 22:05	06/12/18 10:40	84-15-1	
2-Fluorobiphenyl (S)	84	%	40-140		1	06/07/18 22:05	06/12/18 10:40	321-60-8	
2-Bromonaphthalene (S)	86	%	40-140		1	06/07/18 22:05	06/12/18 10:40	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 23:17		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 23:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 23:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	83	%	70-130		1		06/01/18 23:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	81	%	70-130		1		06/01/18 23:17	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**3.5**	ug/L	1.0	0.53	1		06/07/18 19:49	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/07/18 19:49	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/07/18 19:49	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/07/18 19:49	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 16:37	67-64-1	
Benzene	**4.8**	ug/L	1.0	0.25	1		06/08/18 16:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:37	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 16:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:37	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 16:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:37	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-12D **Lab ID: 92386889011** Collected: 05/28/18 10:26 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 16:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:37	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:37	1634-04-4	
Naphthalene	**0.37J**	ug/L	1.0	0.24	1		06/08/18 16:37	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:37	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:37	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 16:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 16:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		06/08/18 16:37	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		06/08/18 16:37	17060-07-0	
Toluene-d8 (S)	118	%	70-130		1		06/08/18 16:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-14S **Lab ID: 92386889012** Collected: 05/29/18 11:15 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 10:13		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 10:13		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 10:13		N2
Surrogates									
Nonatriacontane (S)	52	%	40-140		1	06/07/18 22:05	06/12/18 10:13	7194-86-7	
o-Terphenyl (S)	59	%	40-140		1	06/07/18 22:05	06/12/18 10:13	84-15-1	
2-Fluorobiphenyl (S)	66	%	40-140		1	06/07/18 22:05	06/12/18 10:13	321-60-8	
2-Bromonaphthalene (S)	67	%	40-140		1	06/07/18 22:05	06/12/18 10:13	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/01/18 23:45		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/01/18 23:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/01/18 23:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		06/01/18 23:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		06/01/18 23:45	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 02:28	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 02:28	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 02:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/08/18 02:28	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 15:12	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 15:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 15:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 15:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 15:12	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 15:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 15:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 15:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 15:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 15:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 15:12	67-66-3	
Chloromethane	**0.15J**	ug/L	1.0	0.11	1		06/08/18 15:12	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 15:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 15:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 15:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 15:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 15:12	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-14S **Lab ID: 92386889012** Collected: 05/29/18 11:15 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 15:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 15:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 15:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 15:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 15:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 15:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 15:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 15:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 15:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 15:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 15:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 15:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 15:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 15:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 15:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 15:12	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 15:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 15:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 15:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 15:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 15:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 15:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 15:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 15:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 15:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 15:12	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 15:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 15:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 15:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/08/18 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/08/18 15:12	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 15:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-14D **Lab ID: 92386889013** Collected: 05/29/18 10:30 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 09:45		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 09:45		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 09:45		N2
Surrogates									
Nonatriacontane (S)	35	%	40-140		1	06/07/18 22:05	06/12/18 09:45	7194-86-7	S2
o-Terphenyl (S)	55	%	40-140		1	06/07/18 22:05	06/12/18 09:45	84-15-1	
2-Fluorobiphenyl (S)	87	%	40-140		1	06/07/18 22:05	06/12/18 09:45	321-60-8	
2-Bromonaphthalene (S)	90	%	40-140		1	06/07/18 22:05	06/12/18 09:45	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 00:14		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 00:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 00:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	84	%	70-130		1		06/02/18 00:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	82	%	70-130		1		06/02/18 00:14	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**14.0**	ug/L	1.0	0.53	1		06/08/18 02:51	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 02:51	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		06/08/18 02:51	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		06/08/18 02:51	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 15:28	67-64-1	
Benzene	**0.40J**	ug/L	1.0	0.25	1		06/08/18 15:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 15:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 15:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 15:28	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 15:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 15:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 15:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 15:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 15:28	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 15:28	67-66-3	
Chloromethane	**0.13J**	ug/L	1.0	0.11	1		06/08/18 15:28	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 15:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 15:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 15:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 15:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 15:28	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-14D **Lab ID: 92386889013** Collected: 05/29/18 10:30 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 15:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 15:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 15:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 15:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 15:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 15:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:28	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 15:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 15:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 15:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 15:28	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 15:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 15:28	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 15:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 15:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 15:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 15:28	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 15:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 15:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 15:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/08/18 15:28	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		06/08/18 15:28	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 15:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-16 **Lab ID: 92386889014** Collected: 05/28/18 14:20 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 17:47		N2
Aliphatic (C19-C36)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 17:47		N2
Aromatic (C11-C22)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 17:47		N2
Surrogates									
Nonatriacontane (S)	79	%	40-140		1	06/11/18 16:00	06/12/18 17:47	7194-86-7	
o-Terphenyl (S)	70	%	40-140		1	06/11/18 16:00	06/12/18 17:47	84-15-1	
2-Fluorobiphenyl (S)	70	%	40-140		1	06/11/18 16:00	06/12/18 17:47	321-60-8	
2-Bromonaphthalene (S)	61	%	40-140		1	06/11/18 16:00	06/12/18 17:47	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 00:42		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 00:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 00:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130		1		06/02/18 00:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1		06/02/18 00:42	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/07/18 20:13	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/07/18 20:13	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/07/18 20:13	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/07/18 20:13	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 16:54	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 16:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:54	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 16:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 16:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:54	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-16 **Lab ID: 92386889014** Collected: 05/28/18 14:20 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 16:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 16:54	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:54	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:54	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 16:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 16:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		06/08/18 16:54	460-00-4	
1,2-Dichloroethane-d4 (S)	83	%	70-130		1		06/08/18 16:54	17060-07-0	
Toluene-d8 (S)	118	%	70-130		1		06/08/18 16:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-13D **Lab ID: 92386889015** Collected: 05/29/18 07:40 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 09:17		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 09:17		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 09:17		N2
Surrogates									
Nonatriacontane (S)	56	%	40-140		1	06/07/18 22:05	06/12/18 09:17	7194-86-7	
o-Terphenyl (S)	68	%	40-140		1	06/07/18 22:05	06/12/18 09:17	84-15-1	
2-Fluorobiphenyl (S)	83	%	40-140		1	06/07/18 22:05	06/12/18 09:17	321-60-8	
2-Bromonaphthalene (S)	87	%	40-140		1	06/07/18 22:05	06/12/18 09:17	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**111**	ug/L	50.0	50.0	1		06/02/18 01:11		N2
Aliphatic (C09-C12)	**57.5**	ug/L	50.0	50.0	1		06/02/18 01:11		N2
Aromatic (C09-C10)	**68.1**	ug/L	50.0	50.0	1		06/02/18 01:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	85	%	70-130		1		06/02/18 01:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		06/02/18 01:11	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**25.6**	ug/L	1.0	0.53	1		06/08/18 03:38	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 03:38	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		06/08/18 03:38	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/08/18 03:38	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 15:45	67-64-1	
Benzene	**36.4**	ug/L	1.0	0.25	1		06/08/18 15:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 15:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 15:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 15:45	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 15:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 15:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 15:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 15:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 15:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 15:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 15:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 15:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 15:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 15:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 15:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 15:45	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-13D **Lab ID: 92386889015** Collected: 05/29/18 07:40 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 15:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 15:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 15:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 15:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 15:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 15:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 15:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 15:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 15:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 15:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 15:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 15:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 15:45	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 15:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 15:45	1634-04-4	
Naphthalene	**1.6**	ug/L	1.0	0.24	1		06/08/18 15:45	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 15:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 15:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 15:45	127-18-4	
Toluene	**0.44J**	ug/L	1.0	0.26	1		06/08/18 15:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 15:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 15:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 15:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 15:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 15:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 15:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 15:45	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 15:45	1330-20-7	
m&p-Xylene	**1.3J**	ug/L	2.0	0.66	1		06/08/18 15:45	179601-23-1	
o-Xylene	**0.24J**	ug/L	1.0	0.23	1		06/08/18 15:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/08/18 15:45	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		06/08/18 15:45	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/08/18 15:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-17 **Lab ID: 92386889016** Collected: 05/28/18 14:55 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	**148**	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 08:49		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 08:49		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 08:49		N2
Surrogates									
Nonatriacontane (S)	60	%	40-140		1	06/07/18 22:05	06/12/18 08:49	7194-86-7	
o-Terphenyl (S)	51	%	40-140		1	06/07/18 22:05	06/12/18 08:49	84-15-1	
2-Fluorobiphenyl (S)	101	%	40-140		1	06/07/18 22:05	06/12/18 08:49	321-60-8	
2-Bromonaphthalene (S)	100	%	40-140		1	06/07/18 22:05	06/12/18 08:49	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**214**	ug/L	50.0	50.0	1		06/02/18 01:40		N2
Aliphatic (C09-C12)	**529**	ug/L	50.0	50.0	1		06/02/18 01:40		N2
Aromatic (C09-C10)	**402**	ug/L	50.0	50.0	1		06/02/18 01:40		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	107	%	70-130		1		06/02/18 01:40	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1		06/02/18 01:40	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**166**	ug/L	5.0	2.7	5		06/08/18 07:10	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		5		06/08/18 07:10	17060-07-0	D3
Toluene-d8 (S)	96	%.	75-125		5		06/08/18 07:10	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		5		06/08/18 07:10	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 17:11	67-64-1	
Benzene	**1.0**	ug/L	1.0	0.25	1		06/08/18 17:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:11	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:11	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:11	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:11	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-17 **Lab ID: 92386889016** Collected: 05/28/18 14:55 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:11	108-20-3	
Ethylbenzene	**8.7**	ug/L	1.0	0.30	1		06/08/18 17:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:11	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:11	1634-04-4	
Naphthalene	**7.3**	ug/L	1.0	0.24	1		06/08/18 17:11	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:11	127-18-4	
Toluene	**1.1**	ug/L	1.0	0.26	1		06/08/18 17:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:11	75-01-4	
Xylene (Total)	**9.8**	ug/L	1.0	1.0	1		06/08/18 17:11	1330-20-7	
m&p-Xylene	**1.9J**	ug/L	2.0	0.66	1		06/08/18 17:11	179601-23-1	
o-Xylene	**9.8**	ug/L	1.0	0.23	1		06/08/18 17:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/08/18 17:11	460-00-4	
1,2-Dichloroethane-d4 (S)	82	%	70-130		1		06/08/18 17:11	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		06/08/18 17:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-6D **Lab ID: 92386889017** Collected: 05/28/18 12:00 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 08:21		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 08:21		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 08:21		N2
Surrogates									
Nonatriacontane (S)	42	%	40-140		1	06/07/18 22:05	06/12/18 08:21	7194-86-7	
o-Terphenyl (S)	32	%	40-140		1	06/07/18 22:05	06/12/18 08:21	84-15-1	S2
2-Fluorobiphenyl (S)	62	%	40-140		1	06/07/18 22:05	06/12/18 08:21	321-60-8	
2-Bromonaphthalene (S)	64	%	40-140		1	06/07/18 22:05	06/12/18 08:21	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**93.4**	ug/L	50.0	50.0	1		06/02/18 02:08		N2
Aliphatic (C09-C12)	**63.7**	ug/L	50.0	50.0	1		06/02/18 02:08		N2
Aromatic (C09-C10)	**70.5**	ug/L	50.0	50.0	1		06/02/18 02:08		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		06/02/18 02:08	460-00-4	
4-Bromofluorobenzene (PID) (S)	83	%	70-130		1		06/02/18 02:08	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**20.8**	ug/L	1.0	0.53	1		06/08/18 04:49	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 04:49	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 04:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/08/18 04:49	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**11.9J**	ug/L	25.0	10.0	1		06/08/18 17:28	67-64-1	
Benzene	**36.1**	ug/L	1.0	0.25	1		06/08/18 17:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:28	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:28	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:28	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-6D **Lab ID: 92386889017** Collected: 05/28/18 12:00 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:28	108-20-3	
Ethylbenzene	**5.0**	ug/L	1.0	0.30	1		06/08/18 17:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:28	591-78-6	
p-Isopropyltoluene	**0.86J**	ug/L	1.0	0.31	1		06/08/18 17:28	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:28	1634-04-4	
Naphthalene	**6.2**	ug/L	1.0	0.24	1		06/08/18 17:28	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:28	127-18-4	
Toluene	**5.7**	ug/L	1.0	0.26	1		06/08/18 17:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:28	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 17:28	1330-20-7	
m&p-Xylene	**1.6J**	ug/L	2.0	0.66	1		06/08/18 17:28	179601-23-1	
o-Xylene	**0.49J**	ug/L	1.0	0.23	1		06/08/18 17:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/08/18 17:28	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		06/08/18 17:28	17060-07-0	
Toluene-d8 (S)	115	%	70-130		1		06/08/18 17:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-22S **Lab ID: 92386889018** Collected: 05/29/18 15:45 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 07:54		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 07:54		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/07/18 22:05	06/12/18 07:54		N2
Surrogates									
Nonatriacontane (S)	56	%	40-140		1	06/07/18 22:05	06/12/18 07:54	7194-86-7	
o-Terphenyl (S)	52	%	40-140		1	06/07/18 22:05	06/12/18 07:54	84-15-1	
2-Fluorobiphenyl (S)	69	%	40-140		1	06/07/18 22:05	06/12/18 07:54	321-60-8	
2-Bromonaphthalene (S)	70	%	40-140		1	06/07/18 22:05	06/12/18 07:54	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 02:37		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 02:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 02:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	85	%	70-130		1		06/02/18 02:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	83	%	70-130		1		06/02/18 02:37	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 03:15	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 03:15	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		06/08/18 03:15	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 03:15	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 17:45	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 17:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:45	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:45	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-22S **Lab ID: 92386889018** Collected: 05/29/18 15:45 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:45	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:45	1634-04-4	
Naphthalene	**0.28J**	ug/L	1.0	0.24	1		06/08/18 17:45	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:45	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 17:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:45	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 17:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 17:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 17:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/18 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	82	%	70-130		1		06/08/18 17:45	17060-07-0	
Toluene-d8 (S)	120	%	70-130		1		06/08/18 17:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-22D **Lab ID: 92386889019** Collected: 05/29/18 14:45 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	98.0	98.0	1	06/04/18 20:57	06/11/18 08:24		N2
Aliphatic (C19-C36)	ND	ug/L	98.0	98.0	1	06/04/18 20:57	06/11/18 08:24		N2
Aromatic (C11-C22)	ND	ug/L	98.0	98.0	1	06/04/18 20:57	06/11/18 08:24		N2
Surrogates									
Nonatriacontane (S)	59	%	40-140		1	06/04/18 20:57	06/11/18 08:24	7194-86-7	
o-Terphenyl (S)	64	%	40-140		1	06/04/18 20:57	06/11/18 08:24	84-15-1	
2-Fluorobiphenyl (S)	69	%	40-140		1	06/04/18 20:57	06/11/18 08:24	321-60-8	
2-Bromonaphthalene (S)	71	%	40-140		1	06/04/18 20:57	06/11/18 08:24	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 03:05		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 03:05		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 03:05		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	83	%	70-130		1		06/02/18 03:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	81	%	70-130		1		06/02/18 03:05	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 04:02	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 04:02	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		06/08/18 04:02	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 04:02	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 18:02	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 18:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 18:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 18:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 18:02	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 18:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 18:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 18:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 18:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 18:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 18:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 18:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 18:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 18:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 18:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 18:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 18:02	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-22D **Lab ID: 92386889019** Collected: 05/29/18 14:45 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 18:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 18:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 18:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 18:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 18:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 18:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 18:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 18:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 18:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 18:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 18:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 18:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 18:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 18:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:02	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 18:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 18:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 18:02	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 18:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 18:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 18:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 18:02	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 18:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 18:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 18:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 18:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 18:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 18:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 18:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 18:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 18:02	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 18:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 18:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 18:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/08/18 18:02	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		06/08/18 18:02	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		06/08/18 18:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-20D **Lab ID: 92386889020** Collected: 05/29/18 15:22 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 08:52		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 08:52		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 08:52		N2
Surrogates									
Nonatriacontane (S)	60	%	40-140		1	06/04/18 20:57	06/11/18 08:52	7194-86-7	
o-Terphenyl (S)	64	%	40-140		1	06/04/18 20:57	06/11/18 08:52	84-15-1	
2-Fluorobiphenyl (S)	85	%	40-140		1	06/04/18 20:57	06/11/18 08:52	321-60-8	
2-Bromonaphthalene (S)	87	%	40-140		1	06/04/18 20:57	06/11/18 08:52	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 16:12		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 16:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 16:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		06/02/18 16:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		06/02/18 16:12	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**18.5**	ug/L	1.0	0.53	1		06/08/18 06:23	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 06:23	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 06:23	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 06:23	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 18:18	67-64-1	
Benzene	**3.3**	ug/L	1.0	0.25	1		06/08/18 18:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 18:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 18:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 18:18	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 18:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 18:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 18:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 18:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 18:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 18:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 18:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 18:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 18:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 18:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 18:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 18:18	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-20D **Lab ID: 92386889020** Collected: 05/29/18 15:22 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 18:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 18:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 18:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 18:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 18:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 18:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 18:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 18:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 18:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 18:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 18:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 18:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:18	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 18:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 18:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 18:18	1634-04-4	
Naphthalene	**0.27J**	ug/L	1.0	0.24	1		06/08/18 18:18	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 18:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 18:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 18:18	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 18:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 18:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 18:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 18:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 18:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 18:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 18:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 18:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 18:18	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 18:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 18:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 18:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/08/18 18:18	460-00-4	
1,2-Dichloroethane-d4 (S)	83	%	70-130		1		06/08/18 18:18	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/08/18 18:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-20S **Lab ID: 92386889021** Collected: 05/29/18 16:04 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 09:19		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 09:19		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 09:19		N2
Surrogates									
Nonatriacontane (S)	66	%	40-140		1	06/04/18 20:57	06/11/18 09:19	7194-86-7	
o-Terphenyl (S)	64	%	40-140		1	06/04/18 20:57	06/11/18 09:19	84-15-1	
2-Fluorobiphenyl (S)	72	%	40-140		1	06/04/18 20:57	06/11/18 09:19	321-60-8	
2-Bromonaphthalene (S)	72	%	40-140		1	06/04/18 20:57	06/11/18 09:19	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 16:41		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 16:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 16:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		06/02/18 16:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		06/02/18 16:41	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**13.6**	ug/L	1.0	0.53	1		06/08/18 05:36	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 05:36	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 05:36	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/08/18 05:36	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/09/18 20:47	67-64-1	
Benzene	**2.6**	ug/L	1.0	0.25	1		06/09/18 20:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/09/18 20:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/09/18 20:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/09/18 20:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/09/18 20:47	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/09/18 20:47	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/09/18 20:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/09/18 20:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/09/18 20:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/09/18 20:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/09/18 20:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/09/18 20:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/09/18 20:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/09/18 20:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/09/18 20:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/09/18 20:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/09/18 20:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/09/18 20:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/09/18 20:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/09/18 20:47	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-20S **Lab ID: 92386889021** Collected: 05/29/18 16:04 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/09/18 20:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/09/18 20:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/09/18 20:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/09/18 20:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/09/18 20:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/09/18 20:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/09/18 20:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/09/18 20:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/09/18 20:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/09/18 20:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/09/18 20:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/09/18 20:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/09/18 20:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/09/18 20:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/09/18 20:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/09/18 20:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/09/18 20:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/09/18 20:47	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/09/18 20:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/09/18 20:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/09/18 20:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/09/18 20:47	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/09/18 20:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/09/18 20:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/09/18 20:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/09/18 20:47	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/09/18 20:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/09/18 20:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/09/18 20:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/09/18 20:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/09/18 20:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/09/18 20:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/09/18 20:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/09/18 20:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/09/18 20:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/09/18 20:47	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/09/18 20:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/09/18 20:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/09/18 20:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/09/18 20:47	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		06/09/18 20:47	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/09/18 20:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-21D **Lab ID: 92386889022** Collected: 05/29/18 14:12 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/08/18 15:10		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/08/18 15:10		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/08/18 15:10		N2
Surrogates									
Nonatriacontane (S)	52	%	40-140		1	06/04/18 20:57	06/08/18 15:10	7194-86-7	
o-Terphenyl (S)	56	%	40-140		1	06/04/18 20:57	06/08/18 15:10	84-15-1	
2-Fluorobiphenyl (S)	89	%	40-140		1	06/04/18 20:57	06/08/18 15:10	321-60-8	
2-Bromonaphthalene (S)	91	%	40-140		1	06/04/18 20:57	06/08/18 15:10	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	**51.7**	ug/L	50.0	50.0	1		06/02/18 17:09		N2
Aliphatic (C09-C12)	**55.0**	ug/L	50.0	50.0	1		06/02/18 17:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 17:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130		1		06/02/18 17:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		06/02/18 17:09	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**21.4**	ug/L	1.0	0.53	1		06/08/18 05:59	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 05:59	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 05:59	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 05:59	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 18:35	67-64-1	
Benzene	**8.8**	ug/L	1.0	0.25	1		06/08/18 18:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 18:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 18:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 18:35	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 18:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 18:35	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 18:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 18:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 18:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 18:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 18:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 18:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 18:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 18:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 18:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 18:35	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-21D **Lab ID: 92386889022** Collected: 05/29/18 14:12 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 18:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 18:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 18:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 18:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 18:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 18:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 18:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 18:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 18:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 18:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 18:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:35	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 18:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 18:35	1634-04-4	
Naphthalene	**0.84J**	ug/L	1.0	0.24	1		06/08/18 18:35	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 18:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 18:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 18:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 18:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 18:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 18:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 18:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 18:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 18:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 18:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 18:35	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 18:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 18:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 18:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		06/08/18 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	84	%	70-130		1		06/08/18 18:35	17060-07-0	
Toluene-d8 (S)	115	%	70-130		1		06/08/18 18:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-21S **Lab ID: 92386889023** Collected: 05/29/18 14:49 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/08/18 15:38		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/08/18 15:38		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/08/18 15:38		N2
Surrogates									
Nonatriacontane (S)	76	%	40-140		1	06/04/18 20:57	06/08/18 15:38	7194-86-7	
o-Terphenyl (S)	45	%	40-140		1	06/04/18 20:57	06/08/18 15:38	84-15-1	
2-Fluorobiphenyl (S)	42	%	40-140		1	06/04/18 20:57	06/08/18 15:38	321-60-8	
2-Bromonaphthalene (S)	38	%	40-140		1	06/04/18 20:57	06/08/18 15:38	580-13-2	S0
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 17:38		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 17:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 17:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	86	%	70-130		1		06/02/18 17:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		06/02/18 17:38	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**4.3**	ug/L	1.0	0.53	1		06/08/18 04:25	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 04:25	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		06/08/18 04:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 04:25	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 18:52	67-64-1	
Benzene	**0.31J**	ug/L	1.0	0.25	1		06/08/18 18:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 18:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 18:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 18:52	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 18:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 18:52	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 18:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 18:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 18:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 18:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 18:52	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 18:52	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 18:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 18:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 18:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 18:52	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-21S **Lab ID: 92386889023** Collected: 05/29/18 14:49 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 18:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 18:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 18:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 18:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 18:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 18:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 18:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 18:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 18:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 18:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 18:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 18:52	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 18:52	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 18:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 18:52	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 18:52	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 18:52	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 18:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 18:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 18:52	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 18:52	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 18:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 18:52	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 18:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 18:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 18:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 18:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 18:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 18:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 18:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 18:52	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 18:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 18:52	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 18:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 18:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 18:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/08/18 18:52	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		1		06/08/18 18:52	17060-07-0	
Toluene-d8 (S)	118	%	70-130		1		06/08/18 18:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: DUP-1 **Lab ID: 92386889024** Collected: 05/29/18 14:49 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 09:48		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 09:48		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 09:48		N2
Surrogates									
Nonatriacontane (S)	64	%	40-140		1	06/04/18 20:57	06/11/18 09:48	7194-86-7	
o-Terphenyl (S)	65	%	40-140		1	06/04/18 20:57	06/11/18 09:48	84-15-1	
2-Fluorobiphenyl (S)	74	%	40-140		1	06/04/18 20:57	06/11/18 09:48	321-60-8	
2-Bromonaphthalene (S)	74	%	40-140		1	06/04/18 20:57	06/11/18 09:48	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 18:07		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 18:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 18:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	82	%	70-130		1		06/02/18 18:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	80	%	70-130		1		06/02/18 18:07	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**13.4**	ug/L	1.0	0.53	1		06/08/18 13:55	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 13:55	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 13:55	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/08/18 13:55	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 17:59	67-64-1	
Benzene	**3.4**	ug/L	1.0	0.25	1		06/08/18 17:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:59	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:59	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: DUP-1 **Lab ID: 92386889024** Collected: 05/29/18 14:49 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:59	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 17:59	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:59	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 17:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:59	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 17:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 17:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 17:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/08/18 17:59	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		06/08/18 17:59	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 17:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-27S **Lab ID: 92386889025** Collected: 05/30/18 09:32 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 10:17		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 10:17		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 10:17		N2
Surrogates									
Nonatriacontane (S)	50	%	40-140		1	06/04/18 20:57	06/11/18 10:17	7194-86-7	
o-Terphenyl (S)	64	%	40-140		1	06/04/18 20:57	06/11/18 10:17	84-15-1	
2-Fluorobiphenyl (S)	82	%	40-140		1	06/04/18 20:57	06/11/18 10:17	321-60-8	
2-Bromonaphthalene (S)	63	%	40-140		1	06/04/18 20:57	06/11/18 10:17	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 18:35		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 18:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 18:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	86	%	70-130		1		06/02/18 18:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		06/02/18 18:35	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 18:36	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 18:36	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		06/08/18 18:36	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 18:36	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 19:09	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 19:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 19:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 19:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 19:09	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 19:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 19:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 19:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 19:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 19:09	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 19:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 19:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 19:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 19:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 19:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 19:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 19:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 19:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 19:09	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-27S **Lab ID: 92386889025** Collected: 05/30/18 09:32 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 19:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 19:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 19:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 19:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 19:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 19:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 19:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 19:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 19:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 19:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 19:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 19:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 19:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 19:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 19:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 19:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 19:09	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 19:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 19:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 19:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 19:09	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 19:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 19:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 19:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 19:09	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 19:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 19:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 19:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 19:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 19:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 19:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 19:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 19:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 19:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 19:09	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 19:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 19:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 19:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/08/18 19:09	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		06/08/18 19:09	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		06/08/18 19:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-27D **Lab ID: 92386889026** Collected: 05/30/18 09:04 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 18:15		N2
Aliphatic (C19-C36)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 18:15		N2
Aromatic (C11-C22)	ND	ug/L	100	100	1	06/11/18 16:00	06/12/18 18:15		N2
Surrogates									
Nonatriacontane (S)	75	%	40-140		1	06/11/18 16:00	06/12/18 18:15	7194-86-7	
o-Terphenyl (S)	75	%	40-140		1	06/11/18 16:00	06/12/18 18:15	84-15-1	
2-Fluorobiphenyl (S)	77	%	40-140		1	06/11/18 16:00	06/12/18 18:15	321-60-8	
2-Bromonaphthalene (S)	76	%	40-140		1	06/11/18 16:00	06/12/18 18:15	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 19:04		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 19:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 19:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	82	%	70-130		1		06/02/18 19:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	80	%	70-130		1		06/02/18 19:04	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 19:00	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 19:00	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		06/08/18 19:00	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/08/18 19:00	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 19:26	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 19:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 19:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 19:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 19:26	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 19:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 19:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 19:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 19:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 19:26	75-00-3	
Chloroform	**2.9**	ug/L	1.0	0.14	1		06/08/18 19:26	67-66-3	
Chloromethane	**0.46J**	ug/L	1.0	0.11	1		06/08/18 19:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 19:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 19:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 19:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 19:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 19:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 19:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 19:26	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-27D **Lab ID: 92386889026** Collected: 05/30/18 09:04 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 19:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 19:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 19:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 19:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 19:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 19:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 19:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 19:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 19:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 19:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 19:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 19:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 19:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 19:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 19:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 19:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 19:26	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 19:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 19:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 19:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 19:26	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 19:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 19:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 19:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 19:26	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 19:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 19:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 19:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 19:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 19:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 19:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 19:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 19:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 19:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 19:26	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 19:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 19:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 19:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/08/18 19:26	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		06/08/18 19:26	17060-07-0	
Toluene-d8 (S)	120	%	70-130		1		06/08/18 19:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: H SIMMONS WSW **Lab ID: 92386889027** Collected: 05/30/18 09:00 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 11:13		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 11:13		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 11:13		N2
Surrogates									
Nonatriacontane (S)	47	%	40-140		1	06/04/18 20:57	06/11/18 11:13	7194-86-7	
o-Terphenyl (S)	54	%	40-140		1	06/04/18 20:57	06/11/18 11:13	84-15-1	
2-Fluorobiphenyl (S)	76	%	40-140		1	06/04/18 20:57	06/11/18 11:13	321-60-8	
2-Bromonaphthalene (S)	78	%	40-140		1	06/04/18 20:57	06/11/18 11:13	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 19:32		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 19:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 19:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	84	%	70-130		1		06/02/18 19:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	82	%	70-130		1		06/02/18 19:32	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**1.8**	ug/L	1.0	0.53	1		06/08/18 15:05	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 15:05	17060-07-0	
Toluene-d8 (S)	95	%.	75-125		1		06/08/18 15:05	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 15:05	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 19:43	67-64-1	
Benzene	**0.29J**	ug/L	1.0	0.25	1		06/08/18 19:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 19:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 19:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 19:43	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 19:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 19:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 19:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 19:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 19:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 19:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 19:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 19:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 19:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 19:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 19:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 19:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 19:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 19:43	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: H SIMMONS WSW **Lab ID: 92386889027** Collected: 05/30/18 09:00 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 19:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 19:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 19:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 19:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 19:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 19:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 19:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 19:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 19:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 19:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 19:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 19:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 19:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 19:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 19:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 19:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 19:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 19:43	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 19:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 19:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 19:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 19:43	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 19:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 19:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 19:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 19:43	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 19:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 19:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 19:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 19:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 19:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 19:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 19:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 19:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 19:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 19:43	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 19:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 19:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 19:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/08/18 19:43	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		06/08/18 19:43	17060-07-0	
Toluene-d8 (S)	119	%	70-130		1		06/08/18 19:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-25S **Lab ID: 92386889028** Collected: 05/30/18 11:25 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 11:42		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 11:42		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 11:42		N2
Surrogates									
Nonatriacontane (S)	64	%	40-140		1	06/04/18 20:57	06/11/18 11:42	7194-86-7	
o-Terphenyl (S)	60	%	40-140		1	06/04/18 20:57	06/11/18 11:42	84-15-1	
2-Fluorobiphenyl (S)	70	%	40-140		1	06/04/18 20:57	06/11/18 11:42	321-60-8	
2-Bromonaphthalene (S)	70	%	40-140		1	06/04/18 20:57	06/11/18 11:42	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 20:01		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 20:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 20:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		06/02/18 20:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		06/02/18 20:01	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 15:28	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		06/08/18 15:28	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 15:28	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	75-125		1		06/08/18 15:28	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 20:00	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 20:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 20:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 20:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 20:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 20:00	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 20:00	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 20:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 20:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 20:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 20:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 20:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 20:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 20:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 20:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 20:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 20:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 20:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 20:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 20:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 20:00	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-25S **Lab ID: 92386889028** Collected: 05/30/18 11:25 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 20:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 20:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 20:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 20:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 20:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 20:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 20:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 20:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 20:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 20:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 20:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 20:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 20:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 20:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 20:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 20:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 20:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 20:00	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 20:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 20:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 20:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 20:00	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 20:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 20:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 20:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 20:00	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 20:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 20:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 20:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 20:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 20:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 20:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 20:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 20:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 20:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 20:00	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 20:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 20:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 20:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/08/18 20:00	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%	70-130		1		06/08/18 20:00	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/08/18 20:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-26S **Lab ID: 92386889029** Collected: 05/30/18 16:27 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 12:11		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 12:11		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 12:11		N2
Surrogates									
Nonatriacontane (S)	59	%	40-140		1	06/04/18 20:57	06/11/18 12:11	7194-86-7	
o-Terphenyl (S)	74	%	40-140		1	06/04/18 20:57	06/11/18 12:11	84-15-1	
2-Fluorobiphenyl (S)	85	%	40-140		1	06/04/18 20:57	06/11/18 12:11	321-60-8	
2-Bromonaphthalene (S)	87	%	40-140		1	06/04/18 20:57	06/11/18 12:11	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 20:29		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 20:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 20:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		06/02/18 20:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		06/02/18 20:29	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 15:52	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 15:52	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		06/08/18 15:52	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 15:52	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 16:02	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 16:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:02	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 16:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:02	67-66-3	
Chloromethane	**0.13J**	ug/L	1.0	0.11	1		06/08/18 16:02	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:02	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-26S **Lab ID: 92386889029** Collected: 05/30/18 16:27 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 16:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:02	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 16:02	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:02	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:02	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 16:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 16:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/08/18 16:02	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		06/08/18 16:02	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		06/08/18 16:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-26D **Lab ID: 92386889030** Collected: 05/30/18 16:53 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 12:39		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 12:39		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 12:39		N2
Surrogates									
Nonatriacontane (S)	48	%	40-140		1	06/04/18 20:57	06/11/18 12:39	7194-86-7	
o-Terphenyl (S)	59	%	40-140		1	06/04/18 20:57	06/11/18 12:39	84-15-1	
2-Fluorobiphenyl (S)	76	%	40-140		1	06/04/18 20:57	06/11/18 12:39	321-60-8	
2-Bromonaphthalene (S)	78	%	40-140		1	06/04/18 20:57	06/11/18 12:39	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 20:58		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 20:58		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 20:58		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	83	%	70-130		1		06/02/18 20:58	460-00-4	
4-Bromofluorobenzene (PID) (S)	79	%	70-130		1		06/02/18 20:58	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**1.8**	ug/L	1.0	0.53	1		06/08/18 16:15	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 16:15	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 16:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/08/18 16:15	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/12/18 07:07	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/12/18 07:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/12/18 07:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/12/18 07:07	74-97-5	
Bromodichloromethane	**1.2**	ug/L	1.0	0.18	1		06/12/18 07:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/12/18 07:07	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/12/18 07:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/12/18 07:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/12/18 07:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/12/18 07:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/12/18 07:07	75-00-3	
Chloroform	**10.3**	ug/L	1.0	0.14	1		06/12/18 07:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/12/18 07:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/12/18 07:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/12/18 07:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/12/18 07:07	96-12-8	
Dibromochloromethane	**0.38J**	ug/L	1.0	0.21	1		06/12/18 07:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/12/18 07:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/12/18 07:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/12/18 07:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/12/18 07:07	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-26D **Lab ID: 92386889030** Collected: 05/30/18 16:53 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/12/18 07:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/12/18 07:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/12/18 07:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/12/18 07:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/12/18 07:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/12/18 07:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/12/18 07:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/12/18 07:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/12/18 07:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/12/18 07:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/12/18 07:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/12/18 07:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/12/18 07:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/12/18 07:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/12/18 07:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/12/18 07:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/12/18 07:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/12/18 07:07	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/12/18 07:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/12/18 07:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/12/18 07:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/12/18 07:07	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/12/18 07:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/12/18 07:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/12/18 07:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/12/18 07:07	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/12/18 07:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/12/18 07:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/12/18 07:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/12/18 07:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/12/18 07:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/12/18 07:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/12/18 07:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/12/18 07:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/12/18 07:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/12/18 07:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/12/18 07:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/12/18 07:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/12/18 07:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/12/18 07:07	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		1		06/12/18 07:07	17060-07-0	
Toluene-d8 (S)	117	%	70-130		1		06/12/18 07:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-24S **Lab ID: 92386889031** Collected: 05/30/18 15:36 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 13:07		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 13:07		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 13:07		N2
Surrogates									
Nonatriacontane (S)	59	%	40-140		1	06/04/18 20:57	06/11/18 13:07	7194-86-7	
o-Terphenyl (S)	60	%	40-140		1	06/04/18 20:57	06/11/18 13:07	84-15-1	
2-Fluorobiphenyl (S)	50	%	40-140		1	06/04/18 20:57	06/11/18 13:07	321-60-8	
2-Bromonaphthalene (S)	44	%	40-140		1	06/04/18 20:57	06/11/18 13:07	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 21:26		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 21:26		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 21:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		06/02/18 21:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		06/02/18 21:26	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 16:39	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%.	75-125		1		06/08/18 16:39	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 16:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 16:39	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 16:36	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 16:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:36	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 16:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:36	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 16:36	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:36	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:36	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-24S **Lab ID: 92386889031** Collected: 05/30/18 15:36 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 16:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:36	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 16:36	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:36	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:36	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 16:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 16:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/18 16:36	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		06/08/18 16:36	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 16:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-24D **Lab ID: 92386889032** Collected: 05/30/18 15:10 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 13:36		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 13:36		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 13:36		N2
Surrogates									
Nonatriacontane (S)	60	%	40-140		1	06/04/18 20:57	06/11/18 13:36	7194-86-7	
o-Terphenyl (S)	78	%	40-140		1	06/04/18 20:57	06/11/18 13:36	84-15-1	
2-Fluorobiphenyl (S)	86	%	40-140		1	06/04/18 20:57	06/11/18 13:36	321-60-8	
2-Bromonaphthalene (S)	84	%	40-140		1	06/04/18 20:57	06/11/18 13:36	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 21:55		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 21:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 21:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	89	%	70-130		1		06/02/18 21:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		06/02/18 21:55	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 17:03	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%.	75-125		1		06/08/18 17:03	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		06/08/18 17:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 17:03	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**12.6J**	ug/L	25.0	10.0	1		06/08/18 16:52	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 16:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 16:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 16:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 16:52	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 16:52	74-83-9	
2-Butanone (MEK)	**1.6J**	ug/L	5.0	0.96	1		06/08/18 16:52	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 16:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 16:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 16:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 16:52	67-66-3	
Chloromethane	**0.42J**	ug/L	1.0	0.11	1		06/08/18 16:52	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 16:52	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 16:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 16:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 16:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 16:52	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-24D **Lab ID: 92386889032** Collected: 05/30/18 15:10 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 16:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 16:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 16:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 16:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 16:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 16:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 16:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 16:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 16:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 16:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 16:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 16:52	10061-02-6	
Diisopropyl ether	**0.32J**	ug/L	1.0	0.12	1		06/08/18 16:52	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 16:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 16:52	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 16:52	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 16:52	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 16:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 16:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 16:52	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 16:52	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 16:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 16:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 16:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 16:52	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 16:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 16:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 16:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 16:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 16:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 16:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 16:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 16:52	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 16:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 16:52	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 16:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 16:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 16:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/08/18 16:52	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		06/08/18 16:52	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		06/08/18 16:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-28D **Lab ID: 92386889033** Collected: 05/30/18 16:15 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 14:04		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 14:04		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 14:04		N2
Surrogates									
Nonatriacontane (S)	59	%	40-140		1	06/04/18 20:57	06/11/18 14:04	7194-86-7	
o-Terphenyl (S)	53	%	40-140		1	06/04/18 20:57	06/11/18 14:04	84-15-1	
2-Fluorobiphenyl (S)	59	%	40-140		1	06/04/18 20:57	06/11/18 14:04	321-60-8	
2-Bromonaphthalene (S)	61	%	40-140		1	06/04/18 20:57	06/11/18 14:04	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 22:23		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 22:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 22:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130		1		06/02/18 22:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		06/02/18 22:23	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 17:26	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 17:26	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 17:26	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		06/08/18 17:26	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 17:09	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 17:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:09	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:09	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:09	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-28D **Lab ID: 92386889033** Collected: 05/30/18 16:15 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:09	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 17:09	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:09	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 17:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:09	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 17:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 17:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 17:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/18 17:09	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		06/08/18 17:09	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		06/08/18 17:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-28S **Lab ID: 92386889034** Collected: 05/30/18 16:45 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 14:32		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 14:32		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 14:32		N2
Surrogates									
Nonatriacontane (S)	66	%	40-140		1	06/04/18 20:57	06/11/18 14:32	7194-86-7	
o-Terphenyl (S)	79	%	40-140		1	06/04/18 20:57	06/11/18 14:32	84-15-1	
2-Fluorobiphenyl (S)	74	%	40-140		1	06/04/18 20:57	06/11/18 14:32	321-60-8	
2-Bromonaphthalene (S)	72	%	40-140		1	06/04/18 20:57	06/11/18 14:32	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 22:52		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 22:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 22:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130		1		06/02/18 22:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		06/02/18 22:52	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 17:49	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 17:49	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		06/08/18 17:49	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/08/18 17:49	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 17:26	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 17:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:26	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:26	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-28S **Lab ID: 92386889034** Collected: 05/30/18 16:45 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:26	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 17:26	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:26	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 17:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:26	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 17:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 17:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 17:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/18 17:26	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		06/08/18 17:26	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		06/08/18 17:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-25D **Lab ID: 92386889035** Collected: 05/31/18 08:58 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 15:00		N2
Aliphatic (C19-C36)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 15:00		N2
Aromatic (C11-C22)	ND	ug/L	96.2	96.2	1	06/04/18 20:57	06/11/18 15:00		N2
Surrogates									
Nonatriacontane (S)	41	%	40-140		1	06/04/18 20:57	06/11/18 15:00	7194-86-7	
o-Terphenyl (S)	54	%	40-140		1	06/04/18 20:57	06/11/18 15:00	84-15-1	
2-Fluorobiphenyl (S)	82	%	40-140		1	06/04/18 20:57	06/11/18 15:00	321-60-8	
2-Bromonaphthalene (S)	79	%	40-140		1	06/04/18 20:57	06/11/18 15:00	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH								
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		06/02/18 23:20		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		06/02/18 23:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		06/02/18 23:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	91	%	70-130		1		06/02/18 23:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		06/02/18 23:20	460-00-4	
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	**1.3**	ug/L	1.0	0.53	1		06/08/18 18:13	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 18:13	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		06/08/18 18:13	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/08/18 18:13	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 17:43	67-64-1	
Benzene	**0.44J**	ug/L	1.0	0.25	1		06/08/18 17:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 17:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 17:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 17:43	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 17:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 17:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 17:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 17:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 17:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 17:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/08/18 17:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 17:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 17:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 17:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 17:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 17:43	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: MW-25D **Lab ID: 92386889035** Collected: 05/31/18 08:58 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 17:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 17:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 17:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 17:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 17:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 17:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 17:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 17:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 17:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 17:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 17:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 17:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 17:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 17:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 17:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 17:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 17:43	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 17:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 17:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 17:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 17:43	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 17:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 17:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 17:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 17:43	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 17:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 17:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 17:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 17:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 17:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 17:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 17:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 17:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 17:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 17:43	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 17:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 17:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 17:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/08/18 17:43	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		06/08/18 17:43	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/08/18 17:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: TRIP BLANK **Lab ID: 92386889036** Collected: 05/31/18 00:00 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B								
Dicyclopentadiene	ND	ug/L	1.0	0.53	1		06/08/18 13:08	77-73-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125		1		06/08/18 13:08	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/08/18 13:08	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/08/18 13:08	460-00-4	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/08/18 14:05	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/08/18 14:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/08/18 14:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/08/18 14:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/08/18 14:05	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/08/18 14:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/08/18 14:05	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/08/18 14:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/08/18 14:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/08/18 14:05	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/08/18 14:05	67-66-3	
Chloromethane	**0.18J**	ug/L	1.0	0.11	1		06/08/18 14:05	74-87-3	B
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/08/18 14:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/08/18 14:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/08/18 14:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/08/18 14:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/08/18 14:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/08/18 14:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/08/18 14:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.24	1		06/08/18 14:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/08/18 14:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/08/18 14:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/08/18 14:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/08/18 14:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/08/18 14:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/08/18 14:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/08/18 14:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/08/18 14:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/08/18 14:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/08/18 14:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/08/18 14:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/08/18 14:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/08/18 14:05	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/08/18 14:05	99-87-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Sample: TRIP BLANK **Lab ID: 92386889036** Collected: 05/31/18 00:00 Received: 06/01/18 11:07 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/08/18 14:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/08/18 14:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/08/18 14:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/08/18 14:05	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/08/18 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/08/18 14:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/08/18 14:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/08/18 14:05	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/08/18 14:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/08/18 14:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/08/18 14:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/08/18 14:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/08/18 14:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/08/18 14:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/08/18 14:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/08/18 14:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/08/18 14:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/08/18 14:05	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1.0	1		06/08/18 14:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/08/18 14:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/08/18 14:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/08/18 14:05	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		06/08/18 14:05	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		06/08/18 14:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 413411 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Associated Lab Samples: 92386889001, 92386889002, 92386889003, 92386889005, 92386889006, 92386889007, 92386889008, 92386889009, 92386889010, 92386889011, 92386889012, 92386889013, 92386889014, 92386889015, 92386889016, 92386889017, 92386889018, 92386889019

METHOD BLANK: 2292762 Matrix: Water
Associated Lab Samples: 92386889001, 92386889002, 92386889003, 92386889005, 92386889006, 92386889007, 92386889008, 92386889009, 92386889010, 92386889011, 92386889012, 92386889013, 92386889014, 92386889015, 92386889016, 92386889017, 92386889018, 92386889019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	06/01/18 17:05	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	06/01/18 17:05	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	06/01/18 17:05	N2
4-Bromofluorobenzene (FID) (S)	%	80	70-130		06/01/18 17:05	
4-Bromofluorobenzene (PID) (S)	%	76	70-130		06/01/18 17:05	

LABORATORY CONTROL SAMPLE & LCSD: 2292763 2292764

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	301	297	100	99	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	310	302	103	101	30-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	101	98.7	101	99	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	94	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 413488 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Associated Lab Samples: 92386889004, 92386889020, 92386889021, 92386889022, 92386889023, 92386889024, 92386889025, 92386889026, 92386889027, 92386889028, 92386889029, 92386889030, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035

METHOD BLANK: 2293123 Matrix: Water
Associated Lab Samples: 92386889004, 92386889020, 92386889021, 92386889022, 92386889023, 92386889024, 92386889025, 92386889026, 92386889027, 92386889028, 92386889029, 92386889030, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	06/02/18 15:44	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	06/02/18 15:44	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	06/02/18 15:44	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		06/02/18 15:44	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		06/02/18 15:44	

LABORATORY CONTROL SAMPLE & LCSD: 2293124 2293125

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	304	296	101	99	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	324	318	108	106	30-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	102	99.6	102	100	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				106	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				105	99	70-130			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 543186 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV
Associated Lab Samples: 92386889002, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889014

METHOD BLANK: 2953358 Matrix: Water
Associated Lab Samples: 92386889002, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dicyclopentadiene	ug/L	ND	1.0	0.53	06/07/18 12:47	
1,2-Dichloroethane-d4 (S)	%.	92	75-125		06/07/18 12:47	
4-Bromofluorobenzene (S)	%.	99	75-125		06/07/18 12:47	
Toluene-d8 (S)	%.	96	75-125		06/07/18 12:47	

LABORATORY CONTROL SAMPLE: 2953359

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dicyclopentadiene	ug/L	20	19.8	99	75-128	
1,2-Dichloroethane-d4 (S)	%.			91	75-125	
4-Bromofluorobenzene (S)	%.			97	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2953360 2953361

Parameter	Units	10434125003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dicyclopentadiene	ug/L	<0.53	20	20	18.4	17.3	92	87	70-130	6	30	
1,2-Dichloroethane-d4 (S)	%.						93	95	75-125			
4-Bromofluorobenzene (S)	%.						97	97	75-125			
Toluene-d8 (S)	%.						102	99	75-125			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 543243 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV
Associated Lab Samples: 92386889003, 92386889005, 92386889009, 92386889012, 92386889013, 92386889015, 92386889016, 92386889017, 92386889018, 92386889019, 92386889020, 92386889021, 92386889022, 92386889023

METHOD BLANK: 2953542 Matrix: Water
Associated Lab Samples: 92386889003, 92386889005, 92386889009, 92386889012, 92386889013, 92386889015, 92386889016, 92386889017, 92386889018, 92386889019, 92386889020, 92386889021, 92386889022, 92386889023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dicyclopentadiene	ug/L	ND	1.0	0.53	06/08/18 00:31	
1,2-Dichloroethane-d4 (S)	%.	90	75-125		06/08/18 00:31	
4-Bromofluorobenzene (S)	%.	97	75-125		06/08/18 00:31	
Toluene-d8 (S)	%.	97	75-125		06/08/18 00:31	

LABORATORY CONTROL SAMPLE: 2953543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dicyclopentadiene	ug/L	20	20.3	102	75-128	
1,2-Dichloroethane-d4 (S)	%.			92	75-125	
4-Bromofluorobenzene (S)	%.			97	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2954893 2954894

Parameter	Units	10434125004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dicyclopentadiene	ug/L	<0.53	20	20	20.3	19.9	101	100	70-130	2	30	
1,2-Dichloroethane-d4 (S)	%.						92	91	75-125			HS
4-Bromofluorobenzene (S)	%.						97	98	75-125			
Toluene-d8 (S)	%.						97	99	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 543471 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV
Associated Lab Samples: 92386889001, 92386889004, 92386889024, 92386889025, 92386889026, 92386889027, 92386889028, 92386889029, 92386889030, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035, 92386889036

METHOD BLANK: 2955090 Matrix: Water
Associated Lab Samples: 92386889001, 92386889004, 92386889024, 92386889025, 92386889026, 92386889027, 92386889028, 92386889029, 92386889030, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035, 92386889036

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dicyclopentadiene	ug/L	ND	1.0	0.53	06/08/18 12:44	
1,2-Dichloroethane-d4 (S)	%.	90	75-125		06/08/18 12:44	
4-Bromofluorobenzene (S)	%.	96	75-125		06/08/18 12:44	
Toluene-d8 (S)	%.	98	75-125		06/08/18 12:44	

LABORATORY CONTROL SAMPLE: 2955091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dicyclopentadiene	ug/L	10	9.7	97	75-128	
1,2-Dichloroethane-d4 (S)	%.			92	75-125	
4-Bromofluorobenzene (S)	%.			95	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2955240 2955241

Parameter	Units	10433411001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dicyclopentadiene	ug/L	<0.53	20	20	19.8	20.5	99	102	70-130	4	30	
1,2-Dichloroethane-d4 (S)	%.						91	90	75-125			
4-Bromofluorobenzene (S)	%.						96	97	75-125			
Toluene-d8 (S)	%.						99	100	75-125			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414460 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92386889001, 92386889002, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889014, 92386889016, 92386889017, 92386889018, 92386889019, 92386889020, 92386889022, 92386889023, 92386889025, 92386889026, 92386889027, 92386889028

METHOD BLANK: 2298426 Matrix: Water
Associated Lab Samples: 92386889001, 92386889002, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889014, 92386889016, 92386889017, 92386889018, 92386889019, 92386889020, 92386889022, 92386889023, 92386889025, 92386889026, 92386889027, 92386889028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.33	06/08/18 14:22	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.48	06/08/18 14:22	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.40	06/08/18 14:22	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.29	06/08/18 14:22	
1,1-Dichloroethane	ug/L	ND	1.0	0.32	06/08/18 14:22	
1,1-Dichloroethene	ug/L	ND	1.0	0.56	06/08/18 14:22	
1,1-Dichloropropene	ug/L	ND	1.0	0.49	06/08/18 14:22	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.33	06/08/18 14:22	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.41	06/08/18 14:22	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.35	06/08/18 14:22	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	2.0	06/08/18 14:22	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.27	06/08/18 14:22	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.30	06/08/18 14:22	
1,2-Dichloroethane	ug/L	ND	1.0	0.24	06/08/18 14:22	
1,2-Dichloropropane	ug/L	ND	1.0	0.27	06/08/18 14:22	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.24	06/08/18 14:22	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	06/08/18 14:22	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/08/18 14:22	
2,2-Dichloropropane	ug/L	ND	1.0	0.13	06/08/18 14:22	
2-Butanone (MEK)	ug/L	ND	5.0	0.96	06/08/18 14:22	
2-Chlorotoluene	ug/L	ND	1.0	0.35	06/08/18 14:22	
2-Hexanone	ug/L	ND	5.0	0.46	06/08/18 14:22	
4-Chlorotoluene	ug/L	ND	1.0	0.31	06/08/18 14:22	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	0.33	06/08/18 14:22	
Acetone	ug/L	ND	25.0	10.0	06/08/18 14:22	
Benzene	ug/L	ND	1.0	0.25	06/08/18 14:22	
Bromobenzene	ug/L	ND	1.0	0.30	06/08/18 14:22	
Bromochloromethane	ug/L	ND	1.0	0.17	06/08/18 14:22	
Bromodichloromethane	ug/L	ND	1.0	0.18	06/08/18 14:22	
Bromoform	ug/L	ND	1.0	0.26	06/08/18 14:22	
Bromomethane	ug/L	ND	2.0	0.29	06/08/18 14:22	
Carbon tetrachloride	ug/L	ND	1.0	0.25	06/08/18 14:22	
Chlorobenzene	ug/L	ND	1.0	0.23	06/08/18 14:22	
Chloroethane	ug/L	ND	1.0	0.54	06/08/18 14:22	
Chloroform	ug/L	ND	1.0	0.14	06/08/18 14:22	
Chloromethane	ug/L	ND	1.0	0.11	06/08/18 14:22	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.19	06/08/18 14:22	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.13	06/08/18 14:22	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

METHOD BLANK: 2298426 Matrix: Water

Associated Lab Samples: 92386889001, 92386889002, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889014, 92386889016, 92386889017, 92386889018, 92386889019, 92386889020, 92386889022, 92386889023, 92386889025, 92386889026, 92386889027, 92386889028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.21	06/08/18 14:22	
Dibromomethane	ug/L	ND	1.0	0.21	06/08/18 14:22	
Dichlorodifluoromethane	ug/L	ND	1.0	0.21	06/08/18 14:22	
Diisopropyl ether	ug/L	ND	1.0	0.12	06/08/18 14:22	
Ethylbenzene	ug/L	ND	1.0	0.30	06/08/18 14:22	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.71	06/08/18 14:22	
m&p-Xylene	ug/L	ND	2.0	0.66	06/08/18 14:22	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.21	06/08/18 14:22	
Methylene Chloride	ug/L	ND	2.0	0.97	06/08/18 14:22	
Naphthalene	ug/L	ND	1.0	0.24	06/08/18 14:22	
o-Xylene	ug/L	ND	1.0	0.23	06/08/18 14:22	
p-Isopropyltoluene	ug/L	ND	1.0	0.31	06/08/18 14:22	
Styrene	ug/L	ND	1.0	0.26	06/08/18 14:22	
Tetrachloroethene	ug/L	ND	1.0	0.46	06/08/18 14:22	
Toluene	ug/L	ND	1.0	0.26	06/08/18 14:22	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.49	06/08/18 14:22	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.26	06/08/18 14:22	
Trichloroethene	ug/L	ND	1.0	0.47	06/08/18 14:22	
Trichlorofluoromethane	ug/L	ND	1.0	0.20	06/08/18 14:22	
Vinyl acetate	ug/L	ND	2.0	0.35	06/08/18 14:22	
Vinyl chloride	ug/L	ND	1.0	0.62	06/08/18 14:22	
Xylene (Total)	ug/L	ND	1.0	1.0	06/08/18 14:22	
1,2-Dichloroethane-d4 (S)	%	86	70-130		06/08/18 14:22	
4-Bromofluorobenzene (S)	%	104	70-130		06/08/18 14:22	
Toluene-d8 (S)	%	116	70-130		06/08/18 14:22	

LABORATORY CONTROL SAMPLE: 2298427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	80-125	
1,1,1-Trichloroethane	ug/L	50	61.5	123	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	45.9	92	79-124	
1,1,2-Trichloroethane	ug/L	50	52.9	106	85-125	
1,1-Dichloroethane	ug/L	50	50.6	101	73-126	
1,1-Dichloroethene	ug/L	50	58.5	117	66-135	
1,1-Dichloropropene	ug/L	50	54.8	110	74-135	
1,2,3-Trichlorobenzene	ug/L	50	44.2	88	73-135	
1,2,3-Trichloropropane	ug/L	50	47.1	94	75-130	
1,2,4-Trichlorobenzene	ug/L	50	45.6	91	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	93	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	50.4	101	83-124	
1,2-Dichlorobenzene	ug/L	50	50.9	102	80-133	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

LABORATORY CONTROL SAMPLE: 2298427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	57.2	114	67-128	
1,2-Dichloropropane	ug/L	50	56.7	113	75-132	
1,3-Dichlorobenzene	ug/L	50	49.6	99	77-130	
1,3-Dichloropropane	ug/L	50	51.9	104	76-131	
1,4-Dichlorobenzene	ug/L	50	49.5	99	78-130	
2,2-Dichloropropane	ug/L	50	58.0	116	40-160	
2-Butanone (MEK)	ug/L	100	90.2	90	61-144	
2-Chlorotoluene	ug/L	50	51.4	103	74-132	
2-Hexanone	ug/L	100	84.8	85	68-143	
4-Chlorotoluene	ug/L	50	51.1	102	76-133	
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.5	95	72-135	
Acetone	ug/L	100	105	105	48-146	
Benzene	ug/L	50	56.0	112	80-125	
Bromobenzene	ug/L	50	51.4	103	75-125	
Bromochloromethane	ug/L	50	57.9	116	71-125	
Bromodichloromethane	ug/L	50	54.4	109	78-124	
Bromoform	ug/L	50	41.9	84	71-128	
Bromomethane	ug/L	50	39.4	79	40-160	
Carbon tetrachloride	ug/L	50	54.6	109	69-131	
Chlorobenzene	ug/L	50	48.5	97	81-122	
Chloroethane	ug/L	50	43.9	88	39-148	
Chloroform	ug/L	50	60.5	121	73-127	
Chloromethane	ug/L	50	46.4	93	44-146	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	74-124	
cis-1,3-Dichloropropene	ug/L	50	55.8	112	72-132	
Dibromochloromethane	ug/L	50	48.0	96	78-125	
Dibromomethane	ug/L	50	50.5	101	82-120	
Dichlorodifluoromethane	ug/L	50	52.7	105	34-157	
Diisopropyl ether	ug/L	50	48.2	96	69-135	
Ethylbenzene	ug/L	50	49.9	100	79-121	
Hexachloro-1,3-butadiene	ug/L	50	37.5	75	72-131	
m&p-Xylene	ug/L	100	100	100	81-124	
Methyl-tert-butyl ether	ug/L	50	47.9	96	74-131	
Methylene Chloride	ug/L	50	57.4	115	64-133	
Naphthalene	ug/L	50	48.4	97	73-133	
o-Xylene	ug/L	50	50.0	100	79-131	
p-Isopropyltoluene	ug/L	50	45.5	91	80-131	
Styrene	ug/L	50	48.9	98	84-126	
Tetrachloroethene	ug/L	50	45.3	91	78-122	
Toluene	ug/L	50	56.0	112	80-121	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	71-127	
trans-1,3-Dichloropropene	ug/L	50	53.4	107	69-141	
Trichloroethene	ug/L	50	56.5	113	78-122	
Trichlorofluoromethane	ug/L	50	52.8	106	53-137	
Vinyl acetate	ug/L	100	104	104	40-160	
Vinyl chloride	ug/L	50	55.9	112	50-150	
Xylene (Total)	ug/L	150	150	100	81-126	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

LABORATORY CONTROL SAMPLE: 2298427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			115	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 2299556

Parameter	Units	92386889028 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.6	103	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	23.5	117	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	19.3	96	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.5	107	70-130	
1,1-Dichloroethane	ug/L	ND	20	20.8	104	70-130	
1,1-Dichloroethene	ug/L	ND	20	24.1	121	70-166	
1,1-Dichloropropene	ug/L	ND	20	21.3	107	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.0	100	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	20.5	103	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.8	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.5	102	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.1	106	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	22.5	113	70-130	
1,2-Dichloroethane	ug/L	ND	20	22.4	112	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.6	113	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	22.2	111	70-130	
1,3-Dichloropropane	ug/L	ND	20	21.0	105	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.7	109	70-130	
2,2-Dichloropropane	ug/L	ND	20	21.0	105	70-130	
2-Butanone (MEK)	ug/L	ND	40	35.1	88	70-130	
2-Chlorotoluene	ug/L	ND	20	22.7	114	70-130	
2-Hexanone	ug/L	ND	40	37.7	94	70-130	
4-Chlorotoluene	ug/L	ND	20	22.5	113	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	42.9	107	70-130	
Acetone	ug/L	ND	40	39.3	98	70-130	
Benzene	ug/L	ND	20	23.7	118	70-148	
Bromobenzene	ug/L	ND	20	23.2	116	70-130	
Bromochloromethane	ug/L	ND	20	22.3	111	70-130	
Bromodichloromethane	ug/L	ND	20	22.6	113	70-130	
Bromoform	ug/L	ND	20	17.6	88	70-130	
Bromomethane	ug/L	ND	20	12.3	61	70-130	M1
Carbon tetrachloride	ug/L	ND	20	24.6	123	70-130	
Chlorobenzene	ug/L	ND	20	21.6	108	70-146	
Chloroethane	ug/L	ND	20	19.6	98	70-130	
Chloroform	ug/L	ND	20	21.0	105	70-130	
Chloromethane	ug/L	ND	20	15.3	76	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	21.5	107	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	22.5	113	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2299556

Parameter	Units	92386889028 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	ND	20	19.7	99	70-130	
Dibromomethane	ug/L	ND	20	22.9	114	70-130	
Dichlorodifluoromethane	ug/L	ND	20	22.4	112	70-130	
Diisopropyl ether	ug/L	ND	20	19.1	96	70-130	
Ethylbenzene	ug/L	ND	20	22.4	112	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	17.6	88	70-130	
m&p-Xylene	ug/L	ND	40	45.5	114	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	18.6	93	70-130	
Methylene Chloride	ug/L	ND	20	20.6	103	70-130	
Naphthalene	ug/L	ND	20	20.5	102	70-130	
o-Xylene	ug/L	ND	20	22.1	110	70-130	
p-Isopropyltoluene	ug/L	ND	20	20.9	104	70-130	
Styrene	ug/L	ND	20	21.8	109	70-130	
Tetrachloroethene	ug/L	ND	20	21.2	106	70-130	
Toluene	ug/L	ND	20	24.8	124	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	20.7	104	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	21.8	109	70-130	
Trichloroethene	ug/L	ND	20	23.2	116	69-151	
Trichlorofluoromethane	ug/L	ND	20	24.8	124	70-130	
Vinyl acetate	ug/L	ND	40	39.9	100	70-130	
Vinyl chloride	ug/L	ND	20	22.2	111	70-130	
Xylene (Total)	ug/L	ND	60	67.5	113	70-130	
1,2-Dichloroethane-d4 (S)	%				102	70-130	
4-Bromofluorobenzene (S)	%				96	70-130	
Toluene-d8 (S)	%				104	70-130	

SAMPLE DUPLICATE: 2299555

Parameter	Units	92386889027 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

SAMPLE DUPLICATE: 2299555

Parameter	Units	92386889027 Result	Dup Result	RPD	Max RPD	Qualifiers
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	0.29J	0.32J		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	87	83	4		
4-Bromofluorobenzene (S)	%	103	101	2		
Toluene-d8 (S)	%	119	115	3		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414483 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92386889003, 92386889005, 92386889009, 92386889012, 92386889013, 92386889015, 92386889024, 92386889029, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035, 92386889036

METHOD BLANK: 2298529 Matrix: Water
Associated Lab Samples: 92386889003, 92386889005, 92386889009, 92386889012, 92386889013, 92386889015, 92386889024, 92386889029, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035, 92386889036

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.33	06/08/18 12:41	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.48	06/08/18 12:41	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.40	06/08/18 12:41	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.29	06/08/18 12:41	
1,1-Dichloroethane	ug/L	ND	1.0	0.32	06/08/18 12:41	
1,1-Dichloroethene	ug/L	ND	1.0	0.56	06/08/18 12:41	
1,1-Dichloropropene	ug/L	ND	1.0	0.49	06/08/18 12:41	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.33	06/08/18 12:41	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.41	06/08/18 12:41	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.35	06/08/18 12:41	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	2.0	06/08/18 12:41	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.27	06/08/18 12:41	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.30	06/08/18 12:41	
1,2-Dichloroethane	ug/L	ND	1.0	0.24	06/08/18 12:41	
1,2-Dichloropropane	ug/L	ND	1.0	0.27	06/08/18 12:41	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.24	06/08/18 12:41	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	06/08/18 12:41	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/08/18 12:41	
2,2-Dichloropropane	ug/L	ND	1.0	0.13	06/08/18 12:41	
2-Butanone (MEK)	ug/L	ND	5.0	0.96	06/08/18 12:41	
2-Chlorotoluene	ug/L	ND	1.0	0.35	06/08/18 12:41	
2-Hexanone	ug/L	ND	5.0	0.46	06/08/18 12:41	
4-Chlorotoluene	ug/L	ND	1.0	0.31	06/08/18 12:41	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	0.33	06/08/18 12:41	
Acetone	ug/L	ND	25.0	10.0	06/08/18 12:41	
Benzene	ug/L	ND	1.0	0.25	06/08/18 12:41	
Bromobenzene	ug/L	ND	1.0	0.30	06/08/18 12:41	
Bromochloromethane	ug/L	ND	1.0	0.17	06/08/18 12:41	
Bromodichloromethane	ug/L	ND	1.0	0.18	06/08/18 12:41	
Bromoform	ug/L	ND	1.0	0.26	06/08/18 12:41	
Bromomethane	ug/L	ND	2.0	0.29	06/08/18 12:41	
Carbon tetrachloride	ug/L	ND	1.0	0.25	06/08/18 12:41	
Chlorobenzene	ug/L	ND	1.0	0.23	06/08/18 12:41	
Chloroethane	ug/L	ND	1.0	0.54	06/08/18 12:41	
Chloroform	ug/L	2.5	1.0	0.14	06/08/18 12:41	
Chloromethane	ug/L	0.27J	1.0	0.11	06/08/18 12:41	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.19	06/08/18 12:41	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.13	06/08/18 12:41	
Dibromochloromethane	ug/L	ND	1.0	0.21	06/08/18 12:41	
Dibromomethane	ug/L	ND	1.0	0.21	06/08/18 12:41	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

METHOD BLANK: 2298529 Matrix: Water
Associated Lab Samples: 92386889003, 92386889005, 92386889009, 92386889012, 92386889013, 92386889015, 92386889024, 92386889029, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035, 92386889036

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.21	06/08/18 12:41	
Diisopropyl ether	ug/L	ND	1.0	0.12	06/08/18 12:41	
Ethylbenzene	ug/L	ND	1.0	0.30	06/08/18 12:41	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.71	06/08/18 12:41	
m&p-Xylene	ug/L	ND	2.0	0.66	06/08/18 12:41	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.21	06/08/18 12:41	
Methylene Chloride	ug/L	ND	2.0	0.97	06/08/18 12:41	
Naphthalene	ug/L	ND	1.0	0.24	06/08/18 12:41	
o-Xylene	ug/L	ND	1.0	0.23	06/08/18 12:41	
p-Isopropyltoluene	ug/L	ND	1.0	0.31	06/08/18 12:41	
Styrene	ug/L	ND	1.0	0.26	06/08/18 12:41	
Tetrachloroethene	ug/L	ND	1.0	0.46	06/08/18 12:41	
Toluene	ug/L	ND	1.0	0.26	06/08/18 12:41	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.49	06/08/18 12:41	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.26	06/08/18 12:41	
Trichloroethene	ug/L	ND	1.0	0.47	06/08/18 12:41	
Trichlorofluoromethane	ug/L	ND	1.0	0.20	06/08/18 12:41	
Vinyl acetate	ug/L	ND	2.0	0.35	06/08/18 12:41	
Vinyl chloride	ug/L	ND	1.0	0.62	06/08/18 12:41	
Xylene (Total)	ug/L	ND	1.0	1.0	06/08/18 12:41	
1,2-Dichloroethane-d4 (S)	%	100	70-130		06/08/18 12:41	
4-Bromofluorobenzene (S)	%	102	70-130		06/08/18 12:41	
Toluene-d8 (S)	%	107	70-130		06/08/18 12:41	

LABORATORY CONTROL SAMPLE: 2298530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.3	97	80-125	
1,1,1-Trichloroethane	ug/L	50	52.1	104	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	46.8	94	79-124	
1,1,2-Trichloroethane	ug/L	50	50.3	101	85-125	
1,1-Dichloroethane	ug/L	50	50.3	101	73-126	
1,1-Dichloroethene	ug/L	50	54.2	108	66-135	
1,1-Dichloropropene	ug/L	50	54.8	110	74-135	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	73-135	
1,2,3-Trichloropropane	ug/L	50	47.9	96	75-130	
1,2,4-Trichlorobenzene	ug/L	50	48.2	96	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	42.1	84	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	83-124	
1,2-Dichlorobenzene	ug/L	50	49.8	100	80-133	
1,2-Dichloroethane	ug/L	50	49.9	100	67-128	
1,2-Dichloropropane	ug/L	50	49.3	99	75-132	
1,3-Dichlorobenzene	ug/L	50	49.3	99	77-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

LABORATORY CONTROL SAMPLE: 2298530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	51.0	102	76-131	
1,4-Dichlorobenzene	ug/L	50	49.9	100	78-130	
2,2-Dichloropropane	ug/L	50	48.2	96	40-160	
2-Butanone (MEK)	ug/L	100	97.0	97	61-144	
2-Chlorotoluene	ug/L	50	48.1	96	74-132	
2-Hexanone	ug/L	100	86.1	86	68-143	
4-Chlorotoluene	ug/L	50	47.7	95	76-133	
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.9	90	72-135	
Acetone	ug/L	100	102	102	48-146	
Benzene	ug/L	50	50.2	100	80-125	
Bromobenzene	ug/L	50	49.8	100	75-125	
Bromochloromethane	ug/L	50	52.6	105	71-125	
Bromodichloromethane	ug/L	50	45.4	91	78-124	
Bromoform	ug/L	50	41.3	83	71-128	
Bromomethane	ug/L	50	37.4	75	40-160	
Carbon tetrachloride	ug/L	50	45.9	92	69-131	
Chlorobenzene	ug/L	50	49.6	99	81-122	
Chloroethane	ug/L	50	40.9	82	39-148	
Chloroform	ug/L	50	53.2	106	73-127	
Chloromethane	ug/L	50	41.2	82	44-146	
cis-1,2-Dichloroethene	ug/L	50	51.5	103	74-124	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	72-132	
Dibromochloromethane	ug/L	50	46.6	93	78-125	
Dibromomethane	ug/L	50	47.8	96	82-120	
Dichlorodifluoromethane	ug/L	50	45.9	92	34-157	
Diisopropyl ether	ug/L	50	53.1	106	69-135	
Ethylbenzene	ug/L	50	48.8	98	79-121	
Hexachloro-1,3-butadiene	ug/L	50	46.1	92	72-131	
m&p-Xylene	ug/L	100	97.7	98	81-124	
Methyl-tert-butyl ether	ug/L	50	50.1	100	74-131	
Methylene Chloride	ug/L	50	49.8	100	64-133	
Naphthalene	ug/L	50	47.6	95	73-133	
o-Xylene	ug/L	50	49.6	99	79-131	
p-Isopropyltoluene	ug/L	50	48.0	96	80-131	
Styrene	ug/L	50	47.2	94	84-126	
Tetrachloroethene	ug/L	50	48.6	97	78-122	
Toluene	ug/L	50	47.6	95	80-121	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	71-127	
trans-1,3-Dichloropropene	ug/L	50	48.3	97	69-141	
Trichloroethene	ug/L	50	51.2	102	78-122	
Trichlorofluoromethane	ug/L	50	49.0	98	53-137	
Vinyl acetate	ug/L	100	113	113	40-160	
Vinyl chloride	ug/L	50	47.5	95	50-150	
Xylene (Total)	ug/L	150	147	98	81-126	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2298538

Parameter	Units	92387035016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	100	97.3	97	70-130	
1,1,1-Trichloroethane	ug/L	ND	100	110	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	94.8	95	70-130	
1,1,2-Trichloroethane	ug/L	ND	100	101	101	70-130	
1,1-Dichloroethane	ug/L	ND	100	98.4	98	70-130	
1,1-Dichloroethene	ug/L	ND	100	115	115	70-166	
1,1-Dichloropropene	ug/L	ND	100	118	118	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	100	97.6	98	70-130	
1,2,3-Trichloropropane	ug/L	ND	100	97.3	97	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	100	98.3	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	77.8	78	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	100	97.6	98	70-130	
1,2-Dichlorobenzene	ug/L	ND	100	102	102	70-130	
1,2-Dichloroethane	ug/L	ND	100	103	103	70-130	
1,2-Dichloropropane	ug/L	ND	100	109	109	70-130	
1,3-Dichlorobenzene	ug/L	ND	100	102	102	70-130	
1,3-Dichloropropane	ug/L	ND	100	105	105	70-130	
1,4-Dichlorobenzene	ug/L	ND	100	103	103	70-130	
2,2-Dichloropropane	ug/L	ND	100	104	104	70-130	
2-Butanone (MEK)	ug/L	ND	200	210	98	70-130	
2-Chlorotoluene	ug/L	ND	100	106	106	70-130	
2-Hexanone	ug/L	ND	200	179	90	70-130	
4-Chlorotoluene	ug/L	ND	100	102	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	200	188	94	70-130	
Acetone	ug/L	ND	200	190	95	70-130	
Benzene	ug/L	715	100	816	101	70-148	
Bromobenzene	ug/L	ND	100	102	102	70-130	
Bromochloromethane	ug/L	ND	100	104	104	70-130	
Bromodichloromethane	ug/L	ND	100	96.9	97	70-130	
Bromoform	ug/L	ND	100	79.5	80	70-130	
Bromomethane	ug/L	ND	100	82.8	83	70-130	
Carbon tetrachloride	ug/L	ND	100	101	101	70-130	
Chlorobenzene	ug/L	ND	100	104	104	70-146	
Chloroethane	ug/L	ND	100	91.5	92	70-130	
Chloroform	ug/L	ND	100	110	109	70-130	
Chloromethane	ug/L	ND	100	98.5	99	70-130	
cis-1,2-Dichloroethene	ug/L	ND	100	104	104	70-130	
cis-1,3-Dichloropropene	ug/L	ND	100	99.7	100	70-130	
Dibromochloromethane	ug/L	ND	100	89.3	89	70-130	
Dibromomethane	ug/L	ND	100	101	101	70-130	
Dichlorodifluoromethane	ug/L	ND	100	92.8	93	70-130	
Diisopropyl ether	ug/L	ND	100	100	100	70-130	
Ethylbenzene	ug/L	33.9	100	139	105	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	100	101	101	70-130	
m&p-Xylene	ug/L	156	200	367	105	70-130	
Methyl-tert-butyl ether	ug/L	ND	100	109	109	70-130	
Methylene Chloride	ug/L	ND	100	114	114	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2298538

Parameter	Units	92387035016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	31.2	100	141	109	70-130	
o-Xylene	ug/L	89.0	100	197	108	70-130	
p-Isopropyltoluene	ug/L	ND	100	109	109	70-130	
Styrene	ug/L	ND	100	99.6	100	70-130	
Tetrachloroethene	ug/L	ND	100	105	105	70-130	
Toluene	ug/L	240	100	338	98	70-155	
trans-1,2-Dichloroethene	ug/L	ND	100	108	108	70-130	
trans-1,3-Dichloropropene	ug/L	ND	100	97.9	98	70-130	
Trichloroethene	ug/L	ND	100	113	113	69-151	
Trichlorofluoromethane	ug/L	ND	100	114	114	70-130	
Vinyl acetate	ug/L	ND	200	226	113	70-130	
Vinyl chloride	ug/L	ND	100	97.0	97	70-130	
Xylene (Total)	ug/L	245	300	564	106	70-130	
1,2-Dichloroethane-d4 (S)	%				95	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 2298537

Parameter	Units	92387035013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	16.2J		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

SAMPLE DUPLICATE: 2298537

Parameter	Units	92387035013 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	503	502	0	30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	125	123	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	28.0	28.3	1	30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	43.2	43.8	1	30	
o-Xylene	ug/L	5.1	5.5	7	30	
p-Isopropyltoluene	ug/L	5.6	5.5	2	30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	39.8	39.8	0	30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	33.1	33.7	2	30	
1,2-Dichloroethane-d4 (S)	%	104	106	1		
4-Bromofluorobenzene (S)	%	99	100	1		
Toluene-d8 (S)	%	97	99	2		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414628
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92386889021

METHOD BLANK: 2299485
Matrix: Water
Associated Lab Samples: 92386889021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.33	06/09/18 13:43	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.48	06/09/18 13:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.40	06/09/18 13:43	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.29	06/09/18 13:43	
1,1-Dichloroethane	ug/L	ND	1.0	0.32	06/09/18 13:43	
1,1-Dichloroethene	ug/L	ND	1.0	0.56	06/09/18 13:43	
1,1-Dichloropropene	ug/L	ND	1.0	0.49	06/09/18 13:43	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.33	06/09/18 13:43	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.41	06/09/18 13:43	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.35	06/09/18 13:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	2.0	06/09/18 13:43	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.27	06/09/18 13:43	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.30	06/09/18 13:43	
1,2-Dichloroethane	ug/L	ND	1.0	0.24	06/09/18 13:43	
1,2-Dichloropropane	ug/L	ND	1.0	0.27	06/09/18 13:43	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.24	06/09/18 13:43	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	06/09/18 13:43	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/09/18 13:43	
2,2-Dichloropropane	ug/L	ND	1.0	0.13	06/09/18 13:43	
2-Butanone (MEK)	ug/L	ND	5.0	0.96	06/09/18 13:43	
2-Chlorotoluene	ug/L	ND	1.0	0.35	06/09/18 13:43	
2-Hexanone	ug/L	ND	5.0	0.46	06/09/18 13:43	
4-Chlorotoluene	ug/L	ND	1.0	0.31	06/09/18 13:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	0.33	06/09/18 13:43	
Acetone	ug/L	ND	25.0	10.0	06/09/18 13:43	
Benzene	ug/L	ND	1.0	0.25	06/09/18 13:43	
Bromobenzene	ug/L	ND	1.0	0.30	06/09/18 13:43	
Bromochloromethane	ug/L	ND	1.0	0.17	06/09/18 13:43	
Bromodichloromethane	ug/L	ND	1.0	0.18	06/09/18 13:43	
Bromoform	ug/L	ND	1.0	0.26	06/09/18 13:43	
Bromomethane	ug/L	ND	2.0	0.29	06/09/18 13:43	
Carbon tetrachloride	ug/L	ND	1.0	0.25	06/09/18 13:43	
Chlorobenzene	ug/L	ND	1.0	0.23	06/09/18 13:43	
Chloroethane	ug/L	ND	1.0	0.54	06/09/18 13:43	
Chloroform	ug/L	ND	1.0	0.14	06/09/18 13:43	
Chloromethane	ug/L	ND	1.0	0.11	06/09/18 13:43	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.19	06/09/18 13:43	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.13	06/09/18 13:43	
Dibromochloromethane	ug/L	ND	1.0	0.21	06/09/18 13:43	
Dibromomethane	ug/L	ND	1.0	0.21	06/09/18 13:43	
Dichlorodifluoromethane	ug/L	ND	1.0	0.21	06/09/18 13:43	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

METHOD BLANK: 2299485 Matrix: Water
Associated Lab Samples: 92386889021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.12	06/09/18 13:43	
Ethylbenzene	ug/L	ND	1.0	0.30	06/09/18 13:43	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.71	06/09/18 13:43	
m&p-Xylene	ug/L	ND	2.0	0.66	06/09/18 13:43	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.21	06/09/18 13:43	
Methylene Chloride	ug/L	ND	2.0	0.97	06/09/18 13:43	
Naphthalene	ug/L	ND	1.0	0.24	06/09/18 13:43	
o-Xylene	ug/L	ND	1.0	0.23	06/09/18 13:43	
p-Isopropyltoluene	ug/L	ND	1.0	0.31	06/09/18 13:43	
Styrene	ug/L	ND	1.0	0.26	06/09/18 13:43	
Tetrachloroethene	ug/L	ND	1.0	0.46	06/09/18 13:43	
Toluene	ug/L	ND	1.0	0.26	06/09/18 13:43	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.49	06/09/18 13:43	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.26	06/09/18 13:43	
Trichloroethene	ug/L	ND	1.0	0.47	06/09/18 13:43	
Trichlorofluoromethane	ug/L	ND	1.0	0.20	06/09/18 13:43	
Vinyl acetate	ug/L	ND	2.0	0.35	06/09/18 13:43	
Vinyl chloride	ug/L	ND	1.0	0.62	06/09/18 13:43	
Xylene (Total)	ug/L	ND	1.0	1.0	06/09/18 13:43	
1,2-Dichloroethane-d4 (S)	%	89	70-130		06/09/18 13:43	
4-Bromofluorobenzene (S)	%	102	70-130		06/09/18 13:43	
Toluene-d8 (S)	%	119	70-130		06/09/18 13:43	

LABORATORY CONTROL SAMPLE: 2299486

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.2	102	80-125	
1,1,1-Trichloroethane	ug/L	50	59.9	120	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	79-124	
1,1,2-Trichloroethane	ug/L	50	52.3	105	85-125	
1,1-Dichloroethane	ug/L	50	48.3	97	73-126	
1,1-Dichloroethene	ug/L	50	54.1	108	66-135	
1,1-Dichloropropene	ug/L	50	53.2	106	74-135	
1,2,3-Trichlorobenzene	ug/L	50	44.5	89	73-135	
1,2,3-Trichloropropane	ug/L	50	48.2	96	75-130	
1,2,4-Trichlorobenzene	ug/L	50	44.2	88	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	45.9	92	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	53.9	108	83-124	
1,2-Dichlorobenzene	ug/L	50	49.2	98	80-133	
1,2-Dichloroethane	ug/L	50	56.6	113	67-128	
1,2-Dichloropropane	ug/L	50	55.6	111	75-132	
1,3-Dichlorobenzene	ug/L	50	49.0	98	77-130	
1,3-Dichloropropane	ug/L	50	54.2	108	76-131	
1,4-Dichlorobenzene	ug/L	50	48.4	97	78-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

LABORATORY CONTROL SAMPLE: 2299486

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	51.1	102	40-160	
2-Butanone (MEK)	ug/L	100	91.0	91	61-144	
2-Chlorotoluene	ug/L	50	49.3	99	74-132	
2-Hexanone	ug/L	100	88.7	89	68-143	
4-Chlorotoluene	ug/L	50	49.6	99	76-133	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.3	95	72-135	
Acetone	ug/L	100	107	107	48-146	
Benzene	ug/L	50	54.1	108	80-125	
Bromobenzene	ug/L	50	49.3	99	75-125	
Bromochloromethane	ug/L	50	56.7	113	71-125	
Bromodichloromethane	ug/L	50	52.5	105	78-124	
Bromoform	ug/L	50	44.3	89	71-128	
Bromomethane	ug/L	50	33.5	67	40-160	
Carbon tetrachloride	ug/L	50	54.1	108	69-131	
Chlorobenzene	ug/L	50	49.6	99	81-122	
Chloroethane	ug/L	50	43.2	86	39-148	
Chloroform	ug/L	50	56.5	113	73-127	
Chloromethane	ug/L	50	39.9	80	44-146	
cis-1,2-Dichloroethene	ug/L	50	51.6	103	74-124	
cis-1,3-Dichloropropene	ug/L	50	53.8	108	72-132	
Dibromochloromethane	ug/L	50	50.9	102	78-125	
Dibromomethane	ug/L	50	50.5	101	82-120	
Dichlorodifluoromethane	ug/L	50	56.3	113	34-157	
Diisopropyl ether	ug/L	50	47.3	95	69-135	
Ethylbenzene	ug/L	50	49.8	100	79-121	
Hexachloro-1,3-butadiene	ug/L	50	36.8	74	72-131	
m&p-Xylene	ug/L	100	100	100	81-124	
Methyl-tert-butyl ether	ug/L	50	46.7	93	74-131	
Methylene Chloride	ug/L	50	54.9	110	64-133	
Naphthalene	ug/L	50	48.8	98	73-133	
o-Xylene	ug/L	50	50.3	101	79-131	
p-Isopropyltoluene	ug/L	50	45.3	91	80-131	
Styrene	ug/L	50	49.4	99	84-126	
Tetrachloroethene	ug/L	50	47.7	95	78-122	
Toluene	ug/L	50	53.4	107	80-121	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	71-127	
trans-1,3-Dichloropropene	ug/L	50	52.7	105	69-141	
Trichloroethene	ug/L	50	55.6	111	78-122	
Trichlorofluoromethane	ug/L	50	53.1	106	53-137	
Vinyl acetate	ug/L	100	106	106	40-160	
Vinyl chloride	ug/L	50	52.4	105	50-150	
Xylene (Total)	ug/L	150	150	100	81-126	
1,2-Dichloroethane-d4 (S)	%			110	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2299607

Parameter	Units	92386889021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.4	102	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	24.1	121	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.4	102	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.3	106	70-130	
1,1-Dichloroethane	ug/L	ND	20	19.8	99	70-130	
1,1-Dichloroethene	ug/L	ND	20	23.8	119	70-166	
1,1-Dichloropropene	ug/L	ND	20	22.1	111	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.2	101	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	20.6	103	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.6	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.8	104	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.1	106	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.7	108	70-130	
1,2-Dichloroethane	ug/L	ND	20	22.8	114	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.8	114	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	21.6	108	70-130	
1,3-Dichloropropane	ug/L	ND	20	21.2	106	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.6	108	70-130	
2,2-Dichloropropane	ug/L	ND	20	21.3	107	70-130	
2-Butanone (MEK)	ug/L	ND	40	36.2	90	70-130	
2-Chlorotoluene	ug/L	ND	20	22.0	110	70-130	
2-Hexanone	ug/L	ND	40	38.9	97	70-130	
4-Chlorotoluene	ug/L	ND	20	21.8	109	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	41.8	104	70-130	
Acetone	ug/L	ND	40	48.4	121	70-130	
Benzene	ug/L	2.6	20	27.4	124	70-148	
Bromobenzene	ug/L	ND	20	21.8	109	70-130	
Bromochloromethane	ug/L	ND	20	22.6	113	70-130	
Bromodichloromethane	ug/L	ND	20	22.0	110	70-130	
Bromoform	ug/L	ND	20	18.6	93	70-130	
Bromomethane	ug/L	ND	20	11.8	59	70-130	M1
Carbon tetrachloride	ug/L	ND	20	23.7	118	70-130	
Chlorobenzene	ug/L	ND	20	22.0	110	70-146	
Chloroethane	ug/L	ND	20	18.6	93	70-130	
Chloroform	ug/L	ND	20	21.8	109	70-130	
Chloromethane	ug/L	ND	20	15.3	76	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	21.6	108	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	22.3	111	70-130	
Dibromochloromethane	ug/L	ND	20	19.5	97	70-130	
Dibromomethane	ug/L	ND	20	22.4	112	70-130	
Dichlorodifluoromethane	ug/L	ND	20	22.1	111	70-130	
Diisopropyl ether	ug/L	ND	20	19.7	99	70-130	
Ethylbenzene	ug/L	ND	20	22.1	110	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	17.0	85	70-130	
m&p-Xylene	ug/L	ND	40	45.6	114	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	17.8	89	70-130	
Methylene Chloride	ug/L	ND	20	20.1	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2299607

Parameter	Units	92386889021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	21.0	105	70-130	
o-Xylene	ug/L	ND	20	22.3	112	70-130	
p-Isopropyltoluene	ug/L	ND	20	20.3	101	70-130	
Styrene	ug/L	ND	20	21.4	107	70-130	
Tetrachloroethene	ug/L	ND	20	21.3	106	70-130	
Toluene	ug/L	ND	20	24.7	123	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	21.2	106	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	22.0	110	70-130	
Trichloroethene	ug/L	ND	20	22.9	114	69-151	
Trichlorofluoromethane	ug/L	ND	20	25.1	126	70-130	
Vinyl acetate	ug/L	ND	40	40.9	102	70-130	
Vinyl chloride	ug/L	ND	20	21.5	107	70-130	
Xylene (Total)	ug/L	ND	60	67.9	113	70-130	
1,2-Dichloroethane-d4 (S)	%				104	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				104	70-130	

SAMPLE DUPLICATE: 2299606

Parameter	Units	92387044003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	9.4	9.7	4	30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	0.83J		30	
Acetone	ug/L	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

SAMPLE DUPLICATE: 2299606

Parameter	Units	92387044003 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	1.9	0.63J		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	0.62J		30	
o-Xylene	ug/L	ND	0.79J		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	86	90	4		
4-Bromofluorobenzene (S)	%	100	103	3		
Toluene-d8 (S)	%	113	114	1		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414713
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92386889004

METHOD BLANK: 2299805
Matrix: Water
Associated Lab Samples: 92386889004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.33	06/11/18 09:37	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.48	06/11/18 09:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.40	06/11/18 09:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.29	06/11/18 09:37	
1,1-Dichloroethane	ug/L	ND	1.0	0.32	06/11/18 09:37	
1,1-Dichloroethene	ug/L	ND	1.0	0.56	06/11/18 09:37	
1,1-Dichloropropene	ug/L	ND	1.0	0.49	06/11/18 09:37	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.33	06/11/18 09:37	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.41	06/11/18 09:37	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.35	06/11/18 09:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	2.0	06/11/18 09:37	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.27	06/11/18 09:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.30	06/11/18 09:37	
1,2-Dichloroethane	ug/L	ND	1.0	0.24	06/11/18 09:37	
1,2-Dichloropropane	ug/L	ND	1.0	0.27	06/11/18 09:37	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.24	06/11/18 09:37	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	06/11/18 09:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/11/18 09:37	
2,2-Dichloropropane	ug/L	ND	1.0	0.13	06/11/18 09:37	
2-Butanone (MEK)	ug/L	ND	5.0	0.96	06/11/18 09:37	
2-Chlorotoluene	ug/L	ND	1.0	0.35	06/11/18 09:37	
2-Hexanone	ug/L	ND	5.0	0.46	06/11/18 09:37	
4-Chlorotoluene	ug/L	ND	1.0	0.31	06/11/18 09:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	0.33	06/11/18 09:37	
Acetone	ug/L	ND	25.0	10.0	06/11/18 09:37	
Benzene	ug/L	ND	1.0	0.25	06/11/18 09:37	
Bromobenzene	ug/L	ND	1.0	0.30	06/11/18 09:37	
Bromochloromethane	ug/L	ND	1.0	0.17	06/11/18 09:37	
Bromodichloromethane	ug/L	ND	1.0	0.18	06/11/18 09:37	
Bromoform	ug/L	ND	1.0	0.26	06/11/18 09:37	
Bromomethane	ug/L	ND	2.0	0.29	06/11/18 09:37	
Carbon tetrachloride	ug/L	ND	1.0	0.25	06/11/18 09:37	
Chlorobenzene	ug/L	ND	1.0	0.23	06/11/18 09:37	
Chloroethane	ug/L	ND	1.0	0.54	06/11/18 09:37	
Chloroform	ug/L	ND	1.0	0.14	06/11/18 09:37	
Chloromethane	ug/L	ND	1.0	0.11	06/11/18 09:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.19	06/11/18 09:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.13	06/11/18 09:37	
Dibromochloromethane	ug/L	ND	1.0	0.21	06/11/18 09:37	
Dibromomethane	ug/L	ND	1.0	0.21	06/11/18 09:37	
Dichlorodifluoromethane	ug/L	ND	1.0	0.21	06/11/18 09:37	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

METHOD BLANK: 2299805 Matrix: Water
Associated Lab Samples: 92386889004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.12	06/11/18 09:37	
Ethylbenzene	ug/L	ND	1.0	0.30	06/11/18 09:37	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.71	06/11/18 09:37	
m&p-Xylene	ug/L	ND	2.0	0.66	06/11/18 09:37	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.21	06/11/18 09:37	
Methylene Chloride	ug/L	ND	2.0	0.97	06/11/18 09:37	
Naphthalene	ug/L	ND	1.0	0.24	06/11/18 09:37	
o-Xylene	ug/L	ND	1.0	0.23	06/11/18 09:37	
p-Isopropyltoluene	ug/L	ND	1.0	0.31	06/11/18 09:37	
Styrene	ug/L	ND	1.0	0.26	06/11/18 09:37	
Tetrachloroethene	ug/L	ND	1.0	0.46	06/11/18 09:37	
Toluene	ug/L	ND	1.0	0.26	06/11/18 09:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.49	06/11/18 09:37	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.26	06/11/18 09:37	
Trichloroethene	ug/L	ND	1.0	0.47	06/11/18 09:37	
Trichlorofluoromethane	ug/L	ND	1.0	0.20	06/11/18 09:37	
Vinyl acetate	ug/L	ND	2.0	0.35	06/11/18 09:37	
Vinyl chloride	ug/L	ND	1.0	0.62	06/11/18 09:37	
Xylene (Total)	ug/L	ND	1.0	1.0	06/11/18 09:37	
1,2-Dichloroethane-d4 (S)	%	85	70-130		06/11/18 09:37	
4-Bromofluorobenzene (S)	%	103	70-130		06/11/18 09:37	
Toluene-d8 (S)	%	120	70-130		06/11/18 09:37	

LABORATORY CONTROL SAMPLE: 2299806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.3	105	80-125	
1,1,1-Trichloroethane	ug/L	50	58.2	116	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	79-124	
1,1,2-Trichloroethane	ug/L	50	53.2	106	85-125	
1,1-Dichloroethane	ug/L	50	46.0	92	73-126	
1,1-Dichloroethene	ug/L	50	54.4	109	66-135	
1,1-Dichloropropene	ug/L	50	52.1	104	74-135	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	73-135	
1,2,3-Trichloropropane	ug/L	50	49.4	99	75-130	
1,2,4-Trichlorobenzene	ug/L	50	43.8	88	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	49.2	98	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	55.0	110	83-124	
1,2-Dichlorobenzene	ug/L	50	49.5	99	80-133	
1,2-Dichloroethane	ug/L	50	57.3	115	67-128	
1,2-Dichloropropane	ug/L	50	52.8	106	75-132	
1,3-Dichlorobenzene	ug/L	50	48.7	97	77-130	
1,3-Dichloropropane	ug/L	50	54.5	109	76-131	
1,4-Dichlorobenzene	ug/L	50	49.5	99	78-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

LABORATORY CONTROL SAMPLE: 2299806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	55.8	112	40-160	
2-Butanone (MEK)	ug/L	100	96.1	96	61-144	
2-Chlorotoluene	ug/L	50	48.9	98	74-132	
2-Hexanone	ug/L	100	93.3	93	68-143	
4-Chlorotoluene	ug/L	50	48.2	96	76-133	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.0	99	72-135	
Acetone	ug/L	100	114	114	48-146	
Benzene	ug/L	50	51.9	104	80-125	
Bromobenzene	ug/L	50	49.0	98	75-125	
Bromochloromethane	ug/L	50	55.0	110	71-125	
Bromodichloromethane	ug/L	50	52.2	104	78-124	
Bromoform	ug/L	50	49.3	99	71-128	
Bromomethane	ug/L	50	30.3	61	40-160	
Carbon tetrachloride	ug/L	50	53.1	106	69-131	
Chlorobenzene	ug/L	50	49.7	99	81-122	
Chloroethane	ug/L	50	41.8	84	39-148	
Chloroform	ug/L	50	53.7	107	73-127	
Chloromethane	ug/L	50	34.6	69	44-146	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	74-124	
cis-1,3-Dichloropropene	ug/L	50	54.8	110	72-132	
Dibromochloromethane	ug/L	50	53.5	107	78-125	
Dibromomethane	ug/L	50	50.9	102	82-120	
Dichlorodifluoromethane	ug/L	50	52.7	105	34-157	
Diisopropyl ether	ug/L	50	47.6	95	69-135	
Ethylbenzene	ug/L	50	48.3	97	79-121	
Hexachloro-1,3-butadiene	ug/L	50	37.5	75	72-131	
m&p-Xylene	ug/L	100	99.3	99	81-124	
Methyl-tert-butyl ether	ug/L	50	47.5	95	74-131	
Methylene Chloride	ug/L	50	54.6	109	64-133	
Naphthalene	ug/L	50	47.6	95	73-133	
o-Xylene	ug/L	50	49.2	98	79-131	
p-Isopropyltoluene	ug/L	50	44.5	89	80-131	
Styrene	ug/L	50	48.2	96	84-126	
Tetrachloroethene	ug/L	50	49.0	98	78-122	
Toluene	ug/L	50	53.0	106	80-121	
trans-1,2-Dichloroethene	ug/L	50	48.6	97	71-127	
trans-1,3-Dichloropropene	ug/L	50	52.7	105	69-141	
Trichloroethene	ug/L	50	54.3	109	78-122	
Trichlorofluoromethane	ug/L	50	52.7	105	53-137	
Vinyl acetate	ug/L	100	108	108	40-160	
Vinyl chloride	ug/L	50	48.5	97	50-150	
Xylene (Total)	ug/L	150	149	99	81-126	
1,2-Dichloroethane-d4 (S)	%			109	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2299808

Parameter	Units	92387035014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	80	93.5	117	70-130	
1,1,1-Trichloroethane	ug/L	ND	80	110	137	70-130	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	80	87.2	109	70-130	
1,1,2-Trichloroethane	ug/L	ND	80	90.9	114	70-130	
1,1-Dichloroethane	ug/L	ND	80	85.5	107	70-130	
1,1-Dichloroethene	ug/L	ND	80	101	126	70-166	
1,1-Dichloropropene	ug/L	ND	80	96.2	120	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	80	81.6	102	70-130	
1,2,3-Trichloropropane	ug/L	ND	80	88.1	110	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	80	82.9	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	80	83.0	104	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	80	95.3	119	70-130	
1,2-Dichlorobenzene	ug/L	ND	80	92.4	116	70-130	
1,2-Dichloroethane	ug/L	ND	80	98.8	124	70-130	
1,2-Dichloropropane	ug/L	ND	80	104	129	70-130	
1,3-Dichlorobenzene	ug/L	ND	80	93.6	117	70-130	
1,3-Dichloropropane	ug/L	ND	80	97.7	122	70-130	
1,4-Dichlorobenzene	ug/L	ND	80	94.0	118	70-130	
2,2-Dichloropropane	ug/L	ND	80	97.8	122	70-130	
2-Butanone (MEK)	ug/L	ND	160	174	109	70-130	
2-Chlorotoluene	ug/L	ND	80	100	126	70-130	
2-Hexanone	ug/L	ND	160	164	102	70-130	
4-Chlorotoluene	ug/L	ND	80	92.9	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	160	174	109	70-130	
Acetone	ug/L	ND	160	171	107	70-130	
Benzene	ug/L	460	80	557	122	70-148	
Bromobenzene	ug/L	ND	80	95.5	119	70-130	
Bromochloromethane	ug/L	ND	80	97.4	122	70-130	
Bromodichloromethane	ug/L	ND	80	94.9	119	70-130	
Bromoform	ug/L	ND	80	83.0	104	70-130	
Bromomethane	ug/L	ND	80	48.9	61	70-130	M1
Carbon tetrachloride	ug/L	ND	80	103	128	70-130	
Chlorobenzene	ug/L	ND	80	93.5	117	70-146	
Chloroethane	ug/L	ND	80	79.0	99	70-130	
Chloroform	ug/L	ND	80	92.9	113	70-130	
Chloromethane	ug/L	ND	80	80.2	100	70-130	
cis-1,2-Dichloroethene	ug/L	ND	80	92.7	116	70-130	
cis-1,3-Dichloropropene	ug/L	ND	80	98.2	123	70-130	
Dibromochloromethane	ug/L	ND	80	93.9	117	70-130	
Dibromomethane	ug/L	ND	80	93.3	117	70-130	
Dichlorodifluoromethane	ug/L	ND	80	96.2	120	70-130	
Diisopropyl ether	ug/L	ND	80	87.4	109	70-130	
Ethylbenzene	ug/L	66.9	80	162	119	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	80	70.0	88	70-130	
m&p-Xylene	ug/L	158	160	347	118	70-130	
Methyl-tert-butyl ether	ug/L	ND	80	87.9	110	70-130	
Methylene Chloride	ug/L	ND	80	96.3	120	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2299808

Parameter	Units	92387035014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	80.3	80	175	118	70-130	
o-Xylene	ug/L	31.4	80	124	115	70-130	
p-Isopropyltoluene	ug/L	ND	80	93.5	117	70-130	
Styrene	ug/L	ND	80	91.2	114	70-130	
Tetrachloroethene	ug/L	ND	80	93.3	117	70-130	
Toluene	ug/L	142	80	236	117	70-155	
trans-1,2-Dichloroethene	ug/L	ND	80	88.2	110	70-130	
trans-1,3-Dichloropropene	ug/L	ND	80	94.1	118	70-130	
Trichloroethene	ug/L	ND	80	106	132	69-151	
Trichlorofluoromethane	ug/L	ND	80	101	127	70-130	
Vinyl acetate	ug/L	ND	160	191	119	70-130	
Vinyl chloride	ug/L	ND	80	84.6	106	70-130	
Xylene (Total)	ug/L	189	240	471	117	70-130	
1,2-Dichloroethane-d4 (S)	%				106	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				96	70-130	

SAMPLE DUPLICATE: 2299807

Parameter	Units	92387035012 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	49.9		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	3.8J		30	
Acetone	ug/L	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

SAMPLE DUPLICATE: 2299807

Parameter	Units	92387035012 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	883	890	1	30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	5.7	3.9J		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	46.2	45.3	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	13.2	12.1	9	30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	17.5	17.5	0	30	
o-Xylene	ug/L	7.5	7.4	2	30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	32.8	34.8	6	30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	20.7	19.4	6	30	
1,2-Dichloroethane-d4 (S)	%	111	106	5		
4-Bromofluorobenzene (S)	%	97	97	0		
Toluene-d8 (S)	%	99	102	3		

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414794
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92386889030

METHOD BLANK: 2300202
Matrix: Water
Associated Lab Samples: 92386889030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.33	06/11/18 23:46	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.48	06/11/18 23:46	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.40	06/11/18 23:46	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.29	06/11/18 23:46	
1,1-Dichloroethane	ug/L	ND	1.0	0.32	06/11/18 23:46	
1,1-Dichloroethene	ug/L	ND	1.0	0.56	06/11/18 23:46	
1,1-Dichloropropene	ug/L	ND	1.0	0.49	06/11/18 23:46	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.33	06/11/18 23:46	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.41	06/11/18 23:46	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.35	06/11/18 23:46	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	2.0	06/11/18 23:46	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.27	06/11/18 23:46	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.30	06/11/18 23:46	
1,2-Dichloroethane	ug/L	ND	1.0	0.24	06/11/18 23:46	
1,2-Dichloropropane	ug/L	ND	1.0	0.27	06/11/18 23:46	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.24	06/11/18 23:46	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	06/11/18 23:46	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/11/18 23:46	
2,2-Dichloropropane	ug/L	ND	1.0	0.13	06/11/18 23:46	
2-Butanone (MEK)	ug/L	ND	5.0	0.96	06/11/18 23:46	
2-Chlorotoluene	ug/L	ND	1.0	0.35	06/11/18 23:46	
2-Hexanone	ug/L	ND	5.0	0.46	06/11/18 23:46	
4-Chlorotoluene	ug/L	ND	1.0	0.31	06/11/18 23:46	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	0.33	06/11/18 23:46	
Acetone	ug/L	ND	25.0	10.0	06/11/18 23:46	
Benzene	ug/L	ND	1.0	0.25	06/11/18 23:46	
Bromobenzene	ug/L	ND	1.0	0.30	06/11/18 23:46	
Bromochloromethane	ug/L	ND	1.0	0.17	06/11/18 23:46	
Bromodichloromethane	ug/L	ND	1.0	0.18	06/11/18 23:46	
Bromoform	ug/L	ND	1.0	0.26	06/11/18 23:46	
Bromomethane	ug/L	ND	2.0	0.29	06/11/18 23:46	
Carbon tetrachloride	ug/L	ND	1.0	0.25	06/11/18 23:46	
Chlorobenzene	ug/L	ND	1.0	0.23	06/11/18 23:46	
Chloroethane	ug/L	ND	1.0	0.54	06/11/18 23:46	
Chloroform	ug/L	ND	1.0	0.14	06/11/18 23:46	
Chloromethane	ug/L	ND	1.0	0.11	06/11/18 23:46	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.19	06/11/18 23:46	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.13	06/11/18 23:46	
Dibromochloromethane	ug/L	ND	1.0	0.21	06/11/18 23:46	
Dibromomethane	ug/L	ND	1.0	0.21	06/11/18 23:46	
Dichlorodifluoromethane	ug/L	ND	1.0	0.21	06/11/18 23:46	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

METHOD BLANK: 2300202 Matrix: Water
Associated Lab Samples: 92386889030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.12	06/11/18 23:46	
Ethylbenzene	ug/L	ND	1.0	0.30	06/11/18 23:46	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.71	06/11/18 23:46	
m&p-Xylene	ug/L	ND	2.0	0.66	06/11/18 23:46	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.21	06/11/18 23:46	
Methylene Chloride	ug/L	ND	2.0	0.97	06/11/18 23:46	
Naphthalene	ug/L	ND	1.0	0.24	06/11/18 23:46	
o-Xylene	ug/L	ND	1.0	0.23	06/11/18 23:46	
p-Isopropyltoluene	ug/L	ND	1.0	0.31	06/11/18 23:46	
Styrene	ug/L	ND	1.0	0.26	06/11/18 23:46	
Tetrachloroethene	ug/L	ND	1.0	0.46	06/11/18 23:46	
Toluene	ug/L	ND	1.0	0.26	06/11/18 23:46	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.49	06/11/18 23:46	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.26	06/11/18 23:46	
Trichloroethene	ug/L	ND	1.0	0.47	06/11/18 23:46	
Trichlorofluoromethane	ug/L	ND	1.0	0.20	06/11/18 23:46	
Vinyl acetate	ug/L	ND	2.0	0.35	06/11/18 23:46	
Vinyl chloride	ug/L	ND	1.0	0.62	06/11/18 23:46	
Xylene (Total)	ug/L	ND	1.0	1.0	06/11/18 23:46	
1,2-Dichloroethane-d4 (S)	%	85	70-130		06/11/18 23:46	
4-Bromofluorobenzene (S)	%	106	70-130		06/11/18 23:46	
Toluene-d8 (S)	%	112	70-130		06/11/18 23:46	

LABORATORY CONTROL SAMPLE: 2300203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.4	99	80-125	
1,1,1-Trichloroethane	ug/L	50	59.4	119	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	45.9	92	79-124	
1,1,2-Trichloroethane	ug/L	50	49.9	100	85-125	
1,1-Dichloroethane	ug/L	50	45.7	91	73-126	
1,1-Dichloroethene	ug/L	50	54.5	109	66-135	
1,1-Dichloropropene	ug/L	50	51.5	103	74-135	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	73-135	
1,2,3-Trichloropropane	ug/L	50	46.5	93	75-130	
1,2,4-Trichlorobenzene	ug/L	50	45.2	90	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	47.7	95	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	83-124	
1,2-Dichlorobenzene	ug/L	50	50.0	100	80-133	
1,2-Dichloroethane	ug/L	50	55.2	110	67-128	
1,2-Dichloropropane	ug/L	50	52.3	105	75-132	
1,3-Dichlorobenzene	ug/L	50	49.3	99	77-130	
1,3-Dichloropropane	ug/L	50	51.3	103	76-131	
1,4-Dichlorobenzene	ug/L	50	50.0	100	78-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

LABORATORY CONTROL SAMPLE: 2300203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	49.9	100	40-160	
2-Butanone (MEK)	ug/L	100	87.3	87	61-144	
2-Chlorotoluene	ug/L	50	49.8	100	74-132	
2-Hexanone	ug/L	100	82.5	83	68-143	
4-Chlorotoluene	ug/L	50	48.5	97	76-133	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.1	91	72-135	
Acetone	ug/L	100	107	107	48-146	
Benzene	ug/L	50	51.1	102	80-125	
Bromobenzene	ug/L	50	51.4	103	75-125	
Bromochloromethane	ug/L	50	53.4	107	71-125	
Bromodichloromethane	ug/L	50	51.5	103	78-124	
Bromoform	ug/L	50	46.1	92	71-128	
Bromomethane	ug/L	50	39.2	78	40-160	
Carbon tetrachloride	ug/L	50	54.1	108	69-131	
Chlorobenzene	ug/L	50	48.9	98	81-122	
Chloroethane	ug/L	50	42.2	84	39-148	
Chloroform	ug/L	50	56.4	113	73-127	
Chloromethane	ug/L	50	39.7	79	44-146	
cis-1,2-Dichloroethene	ug/L	50	49.9	100	74-124	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	72-132	
Dibromochloromethane	ug/L	50	50.8	102	78-125	
Dibromomethane	ug/L	50	50.8	102	82-120	
Dichlorodifluoromethane	ug/L	50	52.9	106	34-157	
Diisopropyl ether	ug/L	50	44.7	89	69-135	
Ethylbenzene	ug/L	50	48.7	97	79-121	
Hexachloro-1,3-butadiene	ug/L	50	38.2	76	72-131	
m&p-Xylene	ug/L	100	97.7	98	81-124	
Methyl-tert-butyl ether	ug/L	50	45.6	91	74-131	
Methylene Chloride	ug/L	50	55.8	112	64-133	
Naphthalene	ug/L	50	48.5	97	73-133	
o-Xylene	ug/L	50	48.4	97	79-131	
p-Isopropyltoluene	ug/L	50	44.5	89	80-131	
Styrene	ug/L	50	48.4	97	84-126	
Tetrachloroethene	ug/L	50	47.8	96	78-122	
Toluene	ug/L	50	51.8	104	80-121	
trans-1,2-Dichloroethene	ug/L	50	48.0	96	71-127	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	69-141	
Trichloroethene	ug/L	50	54.4	109	78-122	
Trichlorofluoromethane	ug/L	50	56.0	112	53-137	
Vinyl acetate	ug/L	100	100	100	40-160	
Vinyl chloride	ug/L	50	49.4	99	50-150	
Xylene (Total)	ug/L	150	146	97	81-126	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2300364

Parameter	Units	92387059003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.5	103	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	24.3	122	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.3	101	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	23.1	116	70-130	
1,1-Dichloroethane	ug/L	ND	20	23.4	117	70-130	
1,1-Dichloroethene	ug/L	ND	20	25.9	129	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.2	126	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.0	100	70-130	
1,2,3-Trichloropropane	ug/L	1.2	20	21.8	103	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.1	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	17.5	88	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.8	104	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	20.9	105	70-130	
1,2-Dichloroethane	ug/L	153	20	203	251	70-130	E,M1
1,2-Dichloropropane	ug/L	ND	20	22.6	113	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	20.5	103	70-130	
1,3-Dichloropropane	ug/L	ND	20	21.9	109	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	20.9	105	70-130	
2,2-Dichloropropane	ug/L	ND	20	22.3	112	70-130	
2-Butanone (MEK)	ug/L	ND	40	44.9	112	70-130	
2-Chlorotoluene	ug/L	ND	20	20.1	101	70-130	
2-Hexanone	ug/L	ND	40	37.7	94	70-130	
4-Chlorotoluene	ug/L	ND	20	20.4	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	42.6	107	70-130	
Acetone	ug/L	ND	40	41.5	104	70-130	
Benzene	ug/L	4.4	20	27.3	114	70-148	
Bromobenzene	ug/L	ND	20	20.4	102	70-130	
Bromochloromethane	ug/L	ND	20	24.6	123	70-130	
Bromodichloromethane	ug/L	ND	20	20.7	104	70-130	
Bromoform	ug/L	ND	20	16.4	82	70-130	
Bromomethane	ug/L	ND	20	13.9	70	70-130	
Carbon tetrachloride	ug/L	ND	20	22.4	112	70-130	
Chlorobenzene	ug/L	ND	20	20.7	103	70-146	
Chloroethane	ug/L	ND	20	21.9	109	70-130	
Chloroform	ug/L	ND	20	22.8	114	70-130	
Chloromethane	ug/L	ND	20	15.6	78	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	23.3	116	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.7	104	70-130	
Dibromochloromethane	ug/L	ND	20	19.2	96	70-130	
Dibromomethane	ug/L	ND	20	21.5	108	70-130	
Dichlorodifluoromethane	ug/L	ND	20	22.8	114	70-130	
Diisopropyl ether	ug/L	54.1	20	112	292	70-130	M1
Ethylbenzene	ug/L	ND	20	20.5	103	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	20.7	104	70-130	
m&p-Xylene	ug/L	ND	40	41.9	105	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	22.5	112	70-130	
Methylene Chloride	ug/L	ND	20	18.3	92	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

MATRIX SPIKE SAMPLE: 2300364

Parameter	Units	92387059003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	0.77J	20	20.3	98	70-130	
o-Xylene	ug/L	ND	20	20.5	103	70-130	
p-Isopropyltoluene	ug/L	ND	20	20.4	102	70-130	
Styrene	ug/L	ND	20	19.8	99	70-130	
Tetrachloroethene	ug/L	ND	20	20.6	103	70-130	
Toluene	ug/L	ND	20	21.7	108	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	23.9	119	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	21.2	106	70-130	
Trichloroethene	ug/L	ND	20	23.8	119	69-151	
Trichlorofluoromethane	ug/L	ND	20	26.9	134	70-130	M1
Vinyl acetate	ug/L	ND	40	53.1	133	70-130	M1
Vinyl chloride	ug/L	ND	20	22.0	110	70-130	
Xylene (Total)	ug/L	ND	60	62.4	104	70-130	
1,2-Dichloroethane-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				97	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 2300363

Parameter	Units	92387059002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	2.1	1.2	57	30	D6
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	8.1		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

SAMPLE DUPLICATE: 2300363

Parameter	Units	92387059002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	15.0	14.3	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	56.2	55.2	2	30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	18.7	18.4	2	30	
o-Xylene	ug/L	14.3	14.6	1	30	
p-Isopropyltoluene	ug/L	6.7	5.6	19	30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	4.6	4.8	4	30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	70.5	69.8	1	30	
1,2-Dichloroethane-d4 (S)	%	97	105	8		
4-Bromofluorobenzene (S)	%	97	100	3		
Toluene-d8 (S)	%	103	102	1		

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 413720 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Water
Associated Lab Samples: 92386889009

METHOD BLANK: 2294246 Matrix: Water
Associated Lab Samples: 92386889009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C09-C18)	ug/L	ND	100	100	06/05/18 15:58	N2
Aliphatic (C19-C36)	ug/L	ND	100	100	06/05/18 15:58	N2
Aromatic (C11-C22)	ug/L	ND	100	100	06/05/18 15:58	N2
2-Bromonaphthalene (S)	%	77	40-140		06/05/18 15:58	
2-Fluorobiphenyl (S)	%	77	40-140		06/05/18 15:58	
Nonatriacontane (S)	%	24	40-140		06/05/18 15:58	S0
o-Terphenyl (S)	%	72	40-140		06/05/18 15:58	

LABORATORY CONTROL SAMPLE & LCSD: 2294247 2294248

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	ug/L	300	102	ND	34	33	40-140		50	L2,N2
Aliphatic (C19-C36)	ug/L	400	196	193	49	48	40-140	1	50	N2
Aromatic (C11-C22)	ug/L	850	480	429	57	51	40-140	11	50	N2
2-Bromonaphthalene (S)	%				57	47	40-140			
2-Fluorobiphenyl (S)	%				54	52	40-140			
Nonatriacontane (S)	%				53	51	40-140			
o-Terphenyl (S)	%				66	60	40-140			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 413721 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Water
Associated Lab Samples: 92386889019, 92386889020, 92386889021, 92386889022, 92386889023, 92386889024, 92386889025, 92386889027, 92386889028, 92386889029, 92386889030, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035

METHOD BLANK: 2294249 Matrix: Water
Associated Lab Samples: 92386889019, 92386889020, 92386889021, 92386889022, 92386889023, 92386889024, 92386889025, 92386889027, 92386889028, 92386889029, 92386889030, 92386889031, 92386889032, 92386889033, 92386889034, 92386889035

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C09-C18)	ug/L	ND	100	100	06/08/18 14:42	N2
Aliphatic (C19-C36)	ug/L	ND	100	100	06/08/18 14:42	N2
Aromatic (C11-C22)	ug/L	ND	100	100	06/08/18 14:42	N2
2-Bromonaphthalene (S)	%	87	40-140		06/08/18 14:42	
2-Fluorobiphenyl (S)	%	84	40-140		06/08/18 14:42	
Nonatriacontane (S)	%	74	40-140		06/08/18 14:42	
o-Terphenyl (S)	%	79	40-140		06/08/18 14:42	

LABORATORY CONTROL SAMPLE & LCSD: 2294250 2294251

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	ug/L	300	182	208	61	69	40-140	13	50	N2
Aliphatic (C19-C36)	ug/L	400	282	309	71	77	40-140	9	50	N2
Aromatic (C11-C22)	ug/L	850	598	624	70	73	40-140	4	50	N2
2-Bromonaphthalene (S)	%				77	73	40-140			
2-Fluorobiphenyl (S)	%				82	78	40-140			
Nonatriacontane (S)	%				72	80	40-140			
o-Terphenyl (S)	%				76	77	40-140			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414385 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Water
Associated Lab Samples: 92386889001, 92386889003, 92386889004, 92386889005, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889012, 92386889013, 92386889015, 92386889016, 92386889017, 92386889018

METHOD BLANK: 2298106 Matrix: Water
Associated Lab Samples: 92386889001, 92386889003, 92386889004, 92386889005, 92386889006, 92386889007, 92386889008, 92386889010, 92386889011, 92386889012, 92386889013, 92386889015, 92386889016, 92386889017, 92386889018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C09-C18)	ug/L	ND	100	100	06/11/18 15:28	N2
Aliphatic (C19-C36)	ug/L	ND	100	100	06/11/18 15:28	N2
Aromatic (C11-C22)	ug/L	ND	100	100	06/11/18 15:28	N2
2-Bromonaphthalene (S)	%	55	40-140		06/11/18 15:28	
2-Fluorobiphenyl (S)	%	54	40-140		06/11/18 15:28	
Nonatriacontane (S)	%	60	40-140		06/11/18 15:28	
o-Terphenyl (S)	%	53	40-140		06/11/18 15:28	

LABORATORY CONTROL SAMPLE & LCSD: 2298107 2298108

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	ug/L	300	166	173	55	58	40-140	4	50	N2
Aliphatic (C19-C36)	ug/L	400	271	263	68	66	40-140	3	50	N2
Aromatic (C11-C22)	ug/L	850	735	632	86	74	40-140	15	50	N2
2-Bromonaphthalene (S)	%				116	74	40-140			
2-Fluorobiphenyl (S)	%				118	78	40-140			
Nonatriacontane (S)	%				62	69	40-140			
o-Terphenyl (S)	%				103	87	40-140			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

QC Batch: 414776 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Water
Associated Lab Samples: 92386889002, 92386889014, 92386889026

METHOD BLANK: 2300099 Matrix: Water
Associated Lab Samples: 92386889002, 92386889014, 92386889026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C09-C18)	ug/L	ND	100	100	06/12/18 13:09	N2
Aliphatic (C19-C36)	ug/L	ND	100	100	06/12/18 13:09	N2
Aromatic (C11-C22)	ug/L	ND	100	100	06/12/18 13:09	N2
2-Bromonaphthalene (S)	%	78	40-140		06/12/18 13:09	
2-Fluorobiphenyl (S)	%	80	40-140		06/12/18 13:09	
Nonatriacontane (S)	%	117	40-140		06/12/18 13:09	
o-Terphenyl (S)	%	106	40-140		06/12/18 13:09	

LABORATORY CONTROL SAMPLE & LCSD: 2300100 2300101

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	ug/L	300	219	203	73	68	40-140	8	50	N2
Aliphatic (C19-C36)	ug/L	400	309	300	77	75	40-140	3	50	N2
Aromatic (C11-C22)	ug/L	850	522	642	61	75	40-140	21	50	N2
2-Bromonaphthalene (S)	%				64	77	40-140			
2-Fluorobiphenyl (S)	%				68	83	40-140			
Nonatriacontane (S)	%				123	123	40-140			
o-Terphenyl (S)	%				93	115	40-140			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte
PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

1g	Post-analysis pH measurement indicates insufficient VOA sample preservation. Therefore, analysis was conducted outside the recognized method holding time.
B	Analyte was detected in the associated method blank.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
F1	The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.

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QUALIFIERS

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

ANALYTE QUALIFIERS

S0	Surrogate recovery outside laboratory control limits.
S1	Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92386889001	MW-2	MADEP EPH	414385	MADEP EPH	414840
92386889002	MW-2D	MADEP EPH	414776	MADEP EPH	414984
92386889003	MW-3D	MADEP EPH	414385	MADEP EPH	414840
92386889004	MW-6S	MADEP EPH	414385	MADEP EPH	414840
92386889005	MW-7	MADEP EPH	414385	MADEP EPH	414840
92386889006	MW-9	MADEP EPH	414385	MADEP EPH	414840
92386889007	MW-10S	MADEP EPH	414385	MADEP EPH	414840
92386889008	MW-10D	MADEP EPH	414385	MADEP EPH	414840
92386889009	MW-11D	MADEP EPH	413720	MADEP EPH	414044
92386889010	MW-12S	MADEP EPH	414385	MADEP EPH	414840
92386889011	MW-12D	MADEP EPH	414385	MADEP EPH	414840
92386889012	MW-14S	MADEP EPH	414385	MADEP EPH	414840
92386889013	MW-14D	MADEP EPH	414385	MADEP EPH	414840
92386889014	MW-16	MADEP EPH	414776	MADEP EPH	414984
92386889015	MW-13D	MADEP EPH	414385	MADEP EPH	414840
92386889016	MW-17	MADEP EPH	414385	MADEP EPH	414840
92386889017	MW-6D	MADEP EPH	414385	MADEP EPH	414840
92386889018	MW-22S	MADEP EPH	414385	MADEP EPH	414840
92386889019	MW-22D	MADEP EPH	413721	MADEP EPH	414683
92386889020	MW-20D	MADEP EPH	413721	MADEP EPH	414683
92386889021	MW-20S	MADEP EPH	413721	MADEP EPH	414683
92386889022	MW-21D	MADEP EPH	413721	MADEP EPH	414683
92386889023	MW-21S	MADEP EPH	413721	MADEP EPH	414683
92386889024	DUP-1	MADEP EPH	413721	MADEP EPH	414683
92386889025	MW-27S	MADEP EPH	413721	MADEP EPH	414683
92386889026	MW-27D	MADEP EPH	414776	MADEP EPH	414984
92386889027	H SIMMONS WSW	MADEP EPH	413721	MADEP EPH	414683
92386889028	MW-25S	MADEP EPH	413721	MADEP EPH	414683
92386889029	MW-26S	MADEP EPH	413721	MADEP EPH	414683
92386889030	MW-26D	MADEP EPH	413721	MADEP EPH	414683
92386889031	MW-24S	MADEP EPH	413721	MADEP EPH	414683
92386889032	MW-24D	MADEP EPH	413721	MADEP EPH	414683
92386889033	MW-28D	MADEP EPH	413721	MADEP EPH	414683
92386889034	MW-28S	MADEP EPH	413721	MADEP EPH	414683
92386889035	MW-25D	MADEP EPH	413721	MADEP EPH	414683
92386889001	MW-2	MADEP VPH	413411		
92386889002	MW-2D	MADEP VPH	413411		
92386889003	MW-3D	MADEP VPH	413411		
92386889004	MW-6S	MADEP VPH	413488		
92386889005	MW-7	MADEP VPH	413411		
92386889006	MW-9	MADEP VPH	413411		
92386889007	MW-10S	MADEP VPH	413411		
92386889008	MW-10D	MADEP VPH	413411		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92386889009	**MW-11D**	MADEP VPH	413411		
92386889010	**MW-12S**	MADEP VPH	413411		
92386889011	**MW-12D**	MADEP VPH	413411		
92386889012	**MW-14S**	MADEP VPH	413411		
92386889013	**MW-14D**	MADEP VPH	413411		
92386889014	**MW-16**	MADEP VPH	413411		
92386889015	**MW-13D**	MADEP VPH	413411		
92386889016	**MW-17**	MADEP VPH	413411		
92386889017	**MW-6D**	MADEP VPH	413411		
92386889018	**MW-22S**	MADEP VPH	413411		
92386889019	**MW-22D**	MADEP VPH	413411		
92386889020	**MW-20D**	MADEP VPH	413488		
92386889021	**MW-20S**	MADEP VPH	413488		
92386889022	**MW-21D**	MADEP VPH	413488		
92386889023	**MW-21S**	MADEP VPH	413488		
92386889024	**DUP-1**	MADEP VPH	413488		
92386889025	**MW-27S**	MADEP VPH	413488		
92386889026	**MW-27D**	MADEP VPH	413488		
92386889027	**H SIMMONS WSW**	MADEP VPH	413488		
92386889028	**MW-25S**	MADEP VPH	413488		
92386889029	**MW-26S**	MADEP VPH	413488		
92386889030	**MW-26D**	MADEP VPH	413488		
92386889031	**MW-24S**	MADEP VPH	413488		
92386889032	**MW-24D**	MADEP VPH	413488		
92386889033	**MW-28D**	MADEP VPH	413488		
92386889034	**MW-28S**	MADEP VPH	413488		
92386889035	**MW-25D**	MADEP VPH	413488		
92386889001	**MW-2**	EPA 8260B	543471		
92386889002	**MW-2D**	EPA 8260B	543186		
92386889003	**MW-3D**	EPA 8260B	543243		
92386889004	**MW-6S**	EPA 8260B	543471		
92386889005	**MW-7**	EPA 8260B	543243		
92386889006	**MW-9**	EPA 8260B	543186		
92386889007	**MW-10S**	EPA 8260B	543186		
92386889008	**MW-10D**	EPA 8260B	543186		
92386889009	**MW-11D**	EPA 8260B	543243		
92386889010	**MW-12S**	EPA 8260B	543186		
92386889011	**MW-12D**	EPA 8260B	543186		
92386889012	**MW-14S**	EPA 8260B	543243		
92386889013	**MW-14D**	EPA 8260B	543243		
92386889014	**MW-16**	EPA 8260B	543186		
92386889015	**MW-13D**	EPA 8260B	543243		
92386889016	**MW-17**	EPA 8260B	543243		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92386889017	**MW-6D**	EPA 8260B	543243		
92386889018	**MW-22S**	EPA 8260B	543243		
92386889019	**MW-22D**	EPA 8260B	543243		
92386889020	**MW-20D**	EPA 8260B	543243		
92386889021	**MW-20S**	EPA 8260B	543243		
92386889022	**MW-21D**	EPA 8260B	543243		
92386889023	**MW-21S**	EPA 8260B	543243		
92386889024	**DUP-1**	EPA 8260B	543471		
92386889025	**MW-27S**	EPA 8260B	543471		
92386889026	**MW-27D**	EPA 8260B	543471		
92386889027	**H SIMMONS WSW**	EPA 8260B	543471		
92386889028	**MW-25S**	EPA 8260B	543471		
92386889029	**MW-26S**	EPA 8260B	543471		
92386889030	**MW-26D**	EPA 8260B	543471		
92386889031	**MW-24S**	EPA 8260B	543471		
92386889032	**MW-24D**	EPA 8260B	543471		
92386889033	**MW-28D**	EPA 8260B	543471		
92386889034	**MW-28S**	EPA 8260B	543471		
92386889035	**MW-25D**	EPA 8260B	543471		
92386889036	**TRIP BLANK**	EPA 8260B	543471		
92386889001	**MW-2**	EPA 8260	414460		
92386889002	**MW-2D**	EPA 8260	414460		
92386889003	**MW-3D**	EPA 8260	414483		
92386889004	**MW-6S**	EPA 8260	414713		
92386889005	**MW-7**	EPA 8260	414483		
92386889006	**MW-9**	EPA 8260	414460		
92386889007	**MW-10S**	EPA 8260	414460		
92386889008	**MW-10D**	EPA 8260	414460		
92386889009	**MW-11D**	EPA 8260	414483		
92386889010	**MW-12S**	EPA 8260	414460		
92386889011	**MW-12D**	EPA 8260	414460		
92386889012	**MW-14S**	EPA 8260	414483		
92386889013	**MW-14D**	EPA 8260	414483		
92386889014	**MW-16**	EPA 8260	414460		
92386889015	**MW-13D**	EPA 8260	414483		
92386889016	**MW-17**	EPA 8260	414460		
92386889017	**MW-6D**	EPA 8260	414460		
92386889018	**MW-22S**	EPA 8260	414460		
92386889019	**MW-22D**	EPA 8260	414460		
92386889020	**MW-20D**	EPA 8260	414460		
92386889021	**MW-20S**	EPA 8260	414628		
92386889022	**MW-21D**	EPA 8260	414460		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RESINALL-HATTIESBURG, MS
Pace Project No.: 92386889

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92386889023	**MW-21S**	EPA 8260	414460		
92386889024	**DUP-1**	EPA 8260	414483		
92386889025	**MW-27S**	EPA 8260	414460		
92386889026	**MW-27D**	EPA 8260	414460		
92386889027	**H SIMMONS WSW**	EPA 8260	414460		
92386889028	**MW-25S**	EPA 8260	414460		
92386889029	**MW-26S**	EPA 8260	414483		
92386889030	**MW-26D**	EPA 8260	414794		
92386889031	**MW-24S**	EPA 8260	414483		
92386889032	**MW-24D**	EPA 8260	414483		
92386889033	**MW-28D**	EPA 8260	414483		
92386889034	**MW-28S**	EPA 8260	414483		
92386889035	**MW-25D**	EPA 8260	414483		
92386889036	**TRIP BLANK**	EPA 8260	414483		

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: EI Group **Project #:**

WO# : 92386889

92386889

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

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

Date/Initials Person Examining Contents: 4/4/18

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

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☑ IR Gun ID: 92T040

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 3.0, 3.8, 17.6, 8.9, 6.6, 6.0 **Correction Factor:** Add/Subtract (°C) +0.4

Cooler Temp Corrected (°C): 3.4, 4.2, 17.0, 9.3, 7.0, 6.4, 18.3, 9.0, 8.2

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on Ice, cooling process has begun

USDA Regulated Soil: ☑ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☐ Yes	☑ No	☐ N/A	7. See below
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☐ Yes	☑ No	☐ N/A	9. See below TB received, not on COC
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Sample ID on MW-2 says MW-2S. one vial for MW-3D, MW-14S arrived broken 3 vials for MW-28D arrived broken one AGW for MW-11D, HS Simmons

Lot ID of split containers: arrived broken

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: [signature] **Date:** 4/5

Project Manager SRF Review: [signature] **Date:** 4/5

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project # **WO#: 92386889**

PM: PTE Due Date: 06/12/18

CLIENT: 92-EIGroup

P91

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1											2					9													
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11											2					9													
12											2					8													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

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

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project

WO#: 92386889

PM: PTE Due Date: 06/12/18

CLIENT: 92-EIGroup

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

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****Bottom half of box is to list number of bottle**

Project **WO#: 92386889**

PM: PTE Due Date: 06/12/18

CLIENT: 92-EIGroup

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
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11											1					9													
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

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Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project WO#: 92386889

PM: PTE Due Date: 06/12/18

CLIENT: 92-EIGroup

pH

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
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Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A
Required Client Information:

Company:	The EI Group, Inc.
Address:	2101 Gateway Centre Blvd,
	Morrisville, NC 27560
Email:	dlockhart@ei1.com
Phone:	919) 657-7500 Fax
Requested Due Date:	

Section B
Required Project Information:

Report To:	Darren Lockhart
Copy To:	
Purchase Order #:	
Project Name:	Resinall - Hattiesburg, MS
Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	taylor.ezell@pacelabs.com,
Pace Profile #:	3783-1

Regulatory Agency

State / Location
MS

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	VPH	EPH	Trip BLANK	Residual Chlorine (Y/N)	9238 8859	
1	MW-2	WT				5-28-18	1417						✓						X	X	X				DCPD to Indy	001
2	MW-2D	WT				5-28-18	1450						✓						X	X	X				DCPD to Indy	002
3	MW-3D	WT				5-29-18	0910						✓						X	X	X				DCPD to Indy	003
4	MW-6S	WT				5-28-18	1126						✓						X	X	X				DCPD to Indy	004
5	MW-7	WT				5-29-18	1031						✓						X	X	X				DCPD to Indy	005
6	MW-9	WT				5-29-18	0953						✓						X	X	X				DCPD to Indy	006
7	MW-10S	WT				5-28-18	1035						✓						X	X	X				DCPD to Indy	007
8	MW-10D	WT				5-28-18	0940						✓						X	X	X				DCPD to Indy	008
9	MW-11D	WT				5-29-18	0833						✓						X	X	X				DCPD to Indy	009
10	MW-12S	WT				5/29/18	0926						✓						X	X	X				DCPD to Indy	010
11	MW-12D	WT				5/28/18	[illegible]						✓						X	X	X				DCPD to Indy	011
12	MW-14S	WT				5-29-18	1115						✓						X	X	X				DCPD to Indy	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Three DG9H to Indianapolis.							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: 5-29-18

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 Of 2

Section A
Required Client Information:

Company:	The EI Group, Inc.
Address:	2101 Gateway Centre Blvd,
	Morrisville, NC 27560
Email:	dlockhart@ei1.com
Phone:	919) 657-7500 Fax
Requested Due Date:	

Section B
Required Project Information:

Report To:	Darren Lockhart
Copy To:	
Purchase Order #:	
Project Name:	Resinall - Hattiesburg, MS
Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	taylor.ezell@pacelabs.com,
Pace Profile #:	3783-1

Regulatory Agency

State / Location
MS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	VPH	EPH	Trip BLANK	Residual Chlorine (Y/N)	
	MATRIX CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS																								
13	MW-14D	WT				5-29-18	1030		11				X						X	X	X			DCPD to Indy 013
14	MW-16	WT				5-29-18	1420		11				X						X	X	X			DCPD to Indy 014
15	MW-13D	WT				5-29-18	1740		11				X						X	X	X			DCPD to Indy 015
16	MW-17	WT				5-29-18	1455		11				X						X	X	X			DCPD to Indy 016
17	~~MW-20S~~	WT																	X	X	X			DCPD to Indy
18	~~MW-20D~~	WT																	X	X	X			DCPD to Indy
19	~~MW-21S~~	WT																	X	X	X			DCPD to Indy
20	~~MW-21D~~	WT																	X	X	X			DCPD to Indy
21	~~MW-22S~~	WT																	X	X	X			DCPD to Indy
22	~~MW-22D~~	WT																	X	X	X			DCPD to Indy
23	~~MW-24S~~	WT																	X	X	X			DCPD to Indy
24	~~MW-24D~~	WT																	X	X	X			DCPD to Indy

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Three DG9H to Indianapolis.							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deanne Lockhart Parker Albers

SIGNATURE of SAMPLER: [signature] DATE Signed: 5-29-18

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 3 Of 3

Section A – Required Client Information:		Section B – Required Project Information:		Section C – Invoice Information:	
Company:	The EI Group, Inc.	Report To:	Darren Lockhart	Attention:	
Address:	2101 Gateway Centre Blvd,	Copy To:		Company Name:	
Morrisville, NC 27560				Address:	
Email:	dlockhart@ei1.com	Purchase Order #:		Pace Quote:	
Phone:	919) 657-7500 Fax	Project Name:	Resinall - Hattiesburg, MS	Pace Project Manager:	taylor.ezell@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	3783-1

Regulatory Agency

State / Location: MS

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	VPH	EPH	Trip BLANK	Residual Chlorine (Y/N)	
37	~~Split 2~~	WT																	X	X	X			DCPD to Indy
38	~~MW-11S~~	WT																	X	X	X			DCPD to Indy
39	~~Extra~~	WT																	X	X	X			DCPD to Indy
40	MW-6D	WT				5-29-18	1200						✓						X	X	X			DCPD to Indy 017
41	~~Trip Blank~~	WT																				X		" "
42	MW-22S					5-29-18	1515						✓						X	X	X			018
43	MW-22D					5-29-18	1445						✓						X	X	X			019
44	MW-20D					5-29-18	1522						✓						"	"	"			020
45	MW-20S					"	1600						✓											021
46	MW-21D					"	1417						✓											022
47	MW-21S					"	1449						✓											023
48	DUP-1												✓											024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Three DG9H to Indianapolis.		5-29-18	1250				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Darren Lockhart + Parker Alvis

SIGNATURE of SAMPLER:

DATE Signed: 5-29-18

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 4

Section A — **Required** Client Information:

Company:	EI, INC.
Address:	2101 GATEWAY CTR. Mooresville, NC 28115
Email To:	dlockhart
Phone:	Fax:
Requested Due Date/TAT:	Standard

Section B — **Required** Project Information:

Report To:	
Copy To:	
Purchase Order No.:	
Project Name:	
Project Number:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Taylor Ezell
Pace Profile #:	3783-1

REGULATORY AGENCY

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

Site Location STATE: _____

Section D — **Required** Client Information

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

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOC by 8260	Void	524	Trip Blank	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-27S					5/30/18	0932						✓					X	X	X			0235
2	MW-27D					5/30/18	0924						✓					"	"	"			0236
3	H Simmons WSW					5/30/18	0930						✓										0237
4	MW-25S					5/30/18	1125						✓										0238
5	MW-26S					" "	1627						✓										0239
6	MW-26D					" "	1653						✓										0240
7	MW-24S					" "	1536						✓										0241
8	MW-24D					" "	1510						✓										0242
9	MW-23D					5/30/18	1615						✓										0243
10	MW-23S					5/30/18	1645						✓										0244
11	MW-25D					5/31/18	0858						✓										0245
12																							

DCPD to Indy

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE: Darren Lockhart, Parker Alvis

PRINT Name of SAMPLER: Darren D Lockhart

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5/31/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

APPENDIX B

MANN-KENDALL TREND TEST SHEETS

State of Idaho
Department of Environmental Quality
Remediation Program

Mann-Kendall Statistical Test
Version 2 10/22/02

Instructions: To use the spreadsheet, provide at least four rounds and up to ten rounds of data. Enter the data in cells with yellow background. Output is presented in blue background cells. Use consistent concentration units. All non-detect values should be assigned a single value, less than the detection limit, even if the detection limit varies over time. The spreadsheet contains several error checks and a data entry error may cause "DATA ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at 80% and 90% confidence levels. If an increasing or decreasing trend is not present, use the additional coefficient of variation (CV) test for stable and non-stable conditions, as proposed by Wiedemeier, et al (2000), *Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation, AFCEE, San Antonio, Texas, January 2000*. Clicking the PRINT button will print both the data analysis sheet and the plot of concentration trends.

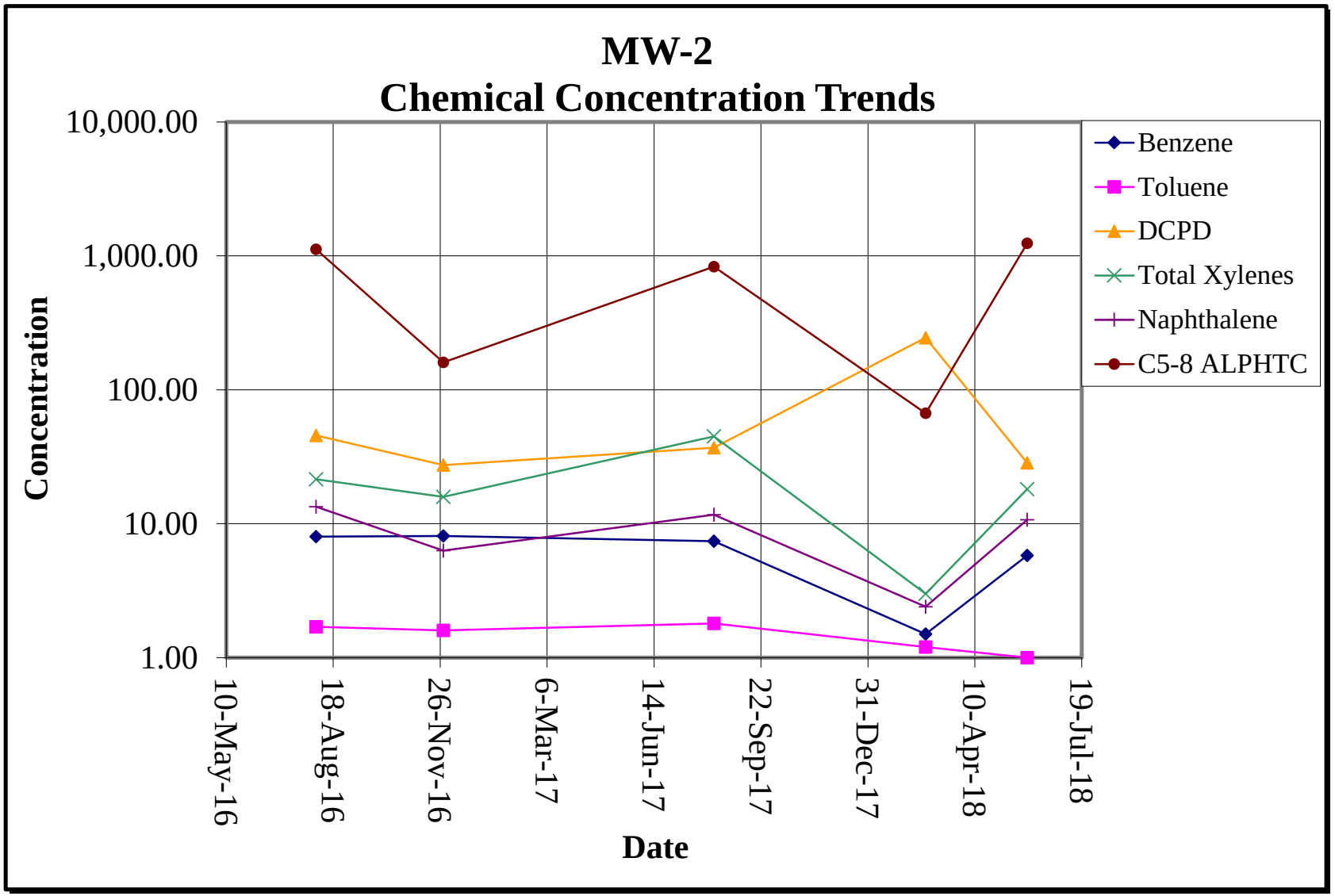
This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-2

Compound		Benzene	Toluene	DCPD	Total Xylenes	Naphthalene	C5-8 ALPHTC
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	2-Aug-16	8.00	1.70	45.60	21.50	13.40	1120.000
2	29-Nov-16	8.10	1.60	27.40	15.90	6.30	160.000
3	9-Aug-17	7.40	1.80	37.00	44.90	11.70	831.000
4	23-Feb-18	1.50	1.20	245.00	3.00	2.40	66.800
5	29-May-18	5.80	1.00	28.50	18.10	10.70	1240.000
6							
7							
8							
9							
10							

Mann Kendall Statistic	S	-6	-6	0	-2	-4	0
Number of Rounds	n	5	5	5	5	5	5
Average		6.16	1.46	76.70	20.68	8.90	683.56
Standard Deviation		2.76	0.34	94.37	15.24	4.48	542.30
Coefficient of Variation (CV)		0.45	0.24	1.23	0.74	0.50	0.79
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	No Trend	No Trend	No Trend	No Trend
Trend ≥ 90% Confidence Level		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	**CV > 1 NON-STABLE**	**CV <= 1 STABLE**	**CV <= 1 STABLE**	**CV <= 1 STABLE**
Error Check, Blank If no Errors Detected							

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-2
Chemical Concentration Trends
Concentration
10,000.00
1,000.00
100.00
10.00
1.00
10-May-16
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
Benzene
Toluene
DCPD
Total Xylenes
Naphthalene
C5-8 ALPHTC

State of Idaho
Department of Environmental Quality
Remediation Program

Mann-Kendall Statistical Test
Version 2 10/22/02

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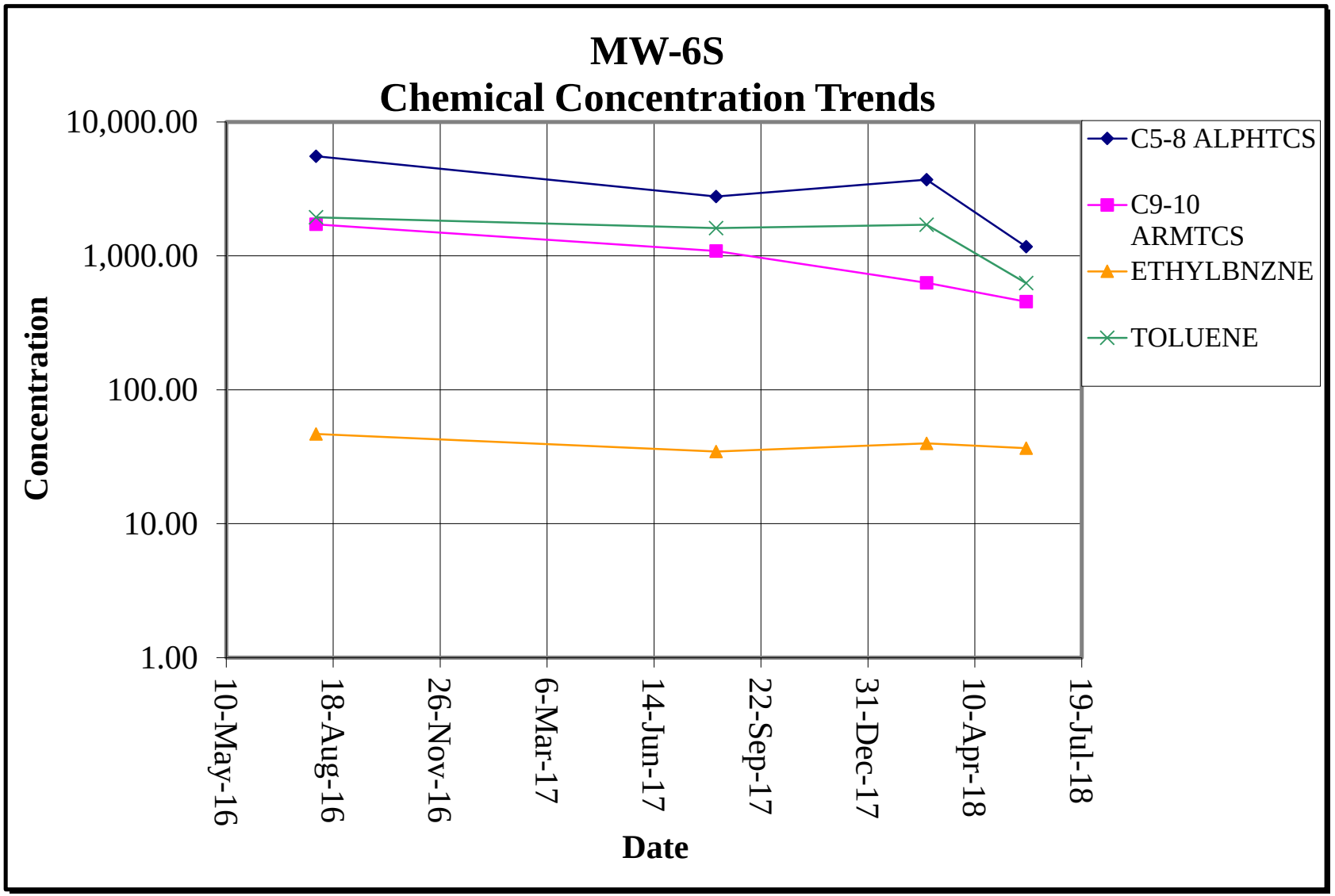
This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-6S
Compound		C5-8 ALPHTCS	C9-10 ARMTCS	ETHYLBNZNE	TOLUENE		
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	2-Aug-16	5,550.00	1,720.00	46.80	1,940.00		
2	11-Aug-17	2,780.00	1,090.00	34.60	1,610.00		
3	24-Feb-18	3,710.00	629.00	39.90	1,710.00		
4	28-May-18	1,170.00	455.00	36.70	626.00		
5							
6							
7							
8							
9							
10							
Mann Kendall Statistic S		-4	-6	-2	-4	0	0
Number of Rounds n		4	4	4	4	0	0
Average		3302.50	973.50	39.50	1471.50	Not Applicable	Not Applicable
Standard Deviation		1829.20	565.20	5.33	580.35	Not Applicable	Not Applicable
Coefficient of Variation (CV)		0.55	0.58	0.13	0.39	Not Applicable	Not Applicable
Trend ≥ 80% Confidence Level		DECREASING	DECREASING	No Trend	DECREASING	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	DECREASING	No Trend	No Trend	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	CV <= 1 STABLE	NA	n<4 n<4	n<4 n<4
Error Check, Blank If no Errors Detected						n < 4	n < 4

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-6S
Chemical Concentration Trends
Concentration
10,000.00
1,000.00
100.00
10.00
1.00
10-May-16
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
C5-8 ALPHTCS
C9-10 ARMTCS
ETHYLBNZNE
TOLUENE

State of Idaho
Department of Environmental Quality
Remediation Program

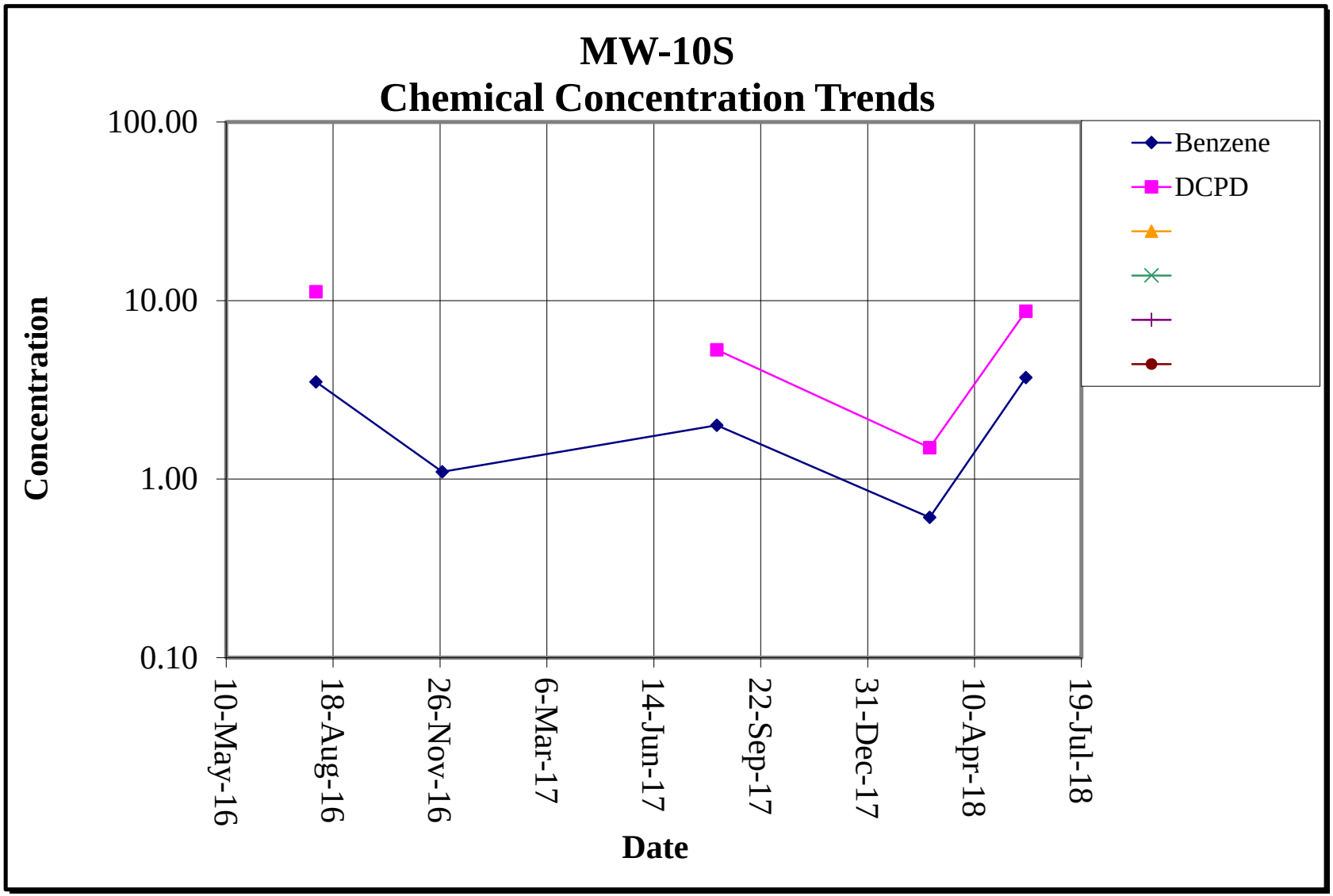
Mann-Kendall Statistical Test
Version 2 10/22/02

Instructions: To use the spreadsheet, provide at least four rounds and up to ten rounds of data. Enter the data in cells with yellow background. Output is presented in blue background cells. Use consistent concentration units. All non-detect values should be assigned a single value, less than the detection limit, even if the detection limit varies over time. The spreadsheet contains several error checks and a data entry error may cause "DATA ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at 80% and 90% confidence levels. If an increasing or decreasing trend is not present, use the additional coefficient of variation (CV) test for stable and non-stable conditions, as proposed by Wiedemeier, et al (2000), *Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation, AFCEE, San Antonio, Texas, January 2000*. Clicking the PRINT button will print both the data analysis sheet and the plot of concentration trends.

This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-10S
Compound		Benzene	DCPD				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	2-Aug-16	3.50	11.20				
2	28-Nov-16	1.10	0.00				
3	12-Aug-17	2.00	5.30				
4	27-Feb-18	0.61	1.50				
5	28-May-18	3.70	8.70				
6							
7							
8							
9							
10							
Mann Kendall Statistic S		0	0	0	0	0	0
Number of Rounds n		5	5	0	0	0	0
Average		2.18	5.34	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Standard Deviation		1.39	4.71	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Coefficient of Variation (CV)		0.64	0.88	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Trend ≥ 80% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1 STABLE**	**CV <= 1 STABLE**	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4
Error Check, Blank If no Errors Detected				n < 4	n < 4	n < 4	n < 4

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-10S
Chemical Concentration Trends
Concentration
100.00
10.00
1.00
0.10
10-May-16
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
Benzene
DCPD

State of Idaho
Department of Environmental Quality
Remediation Program

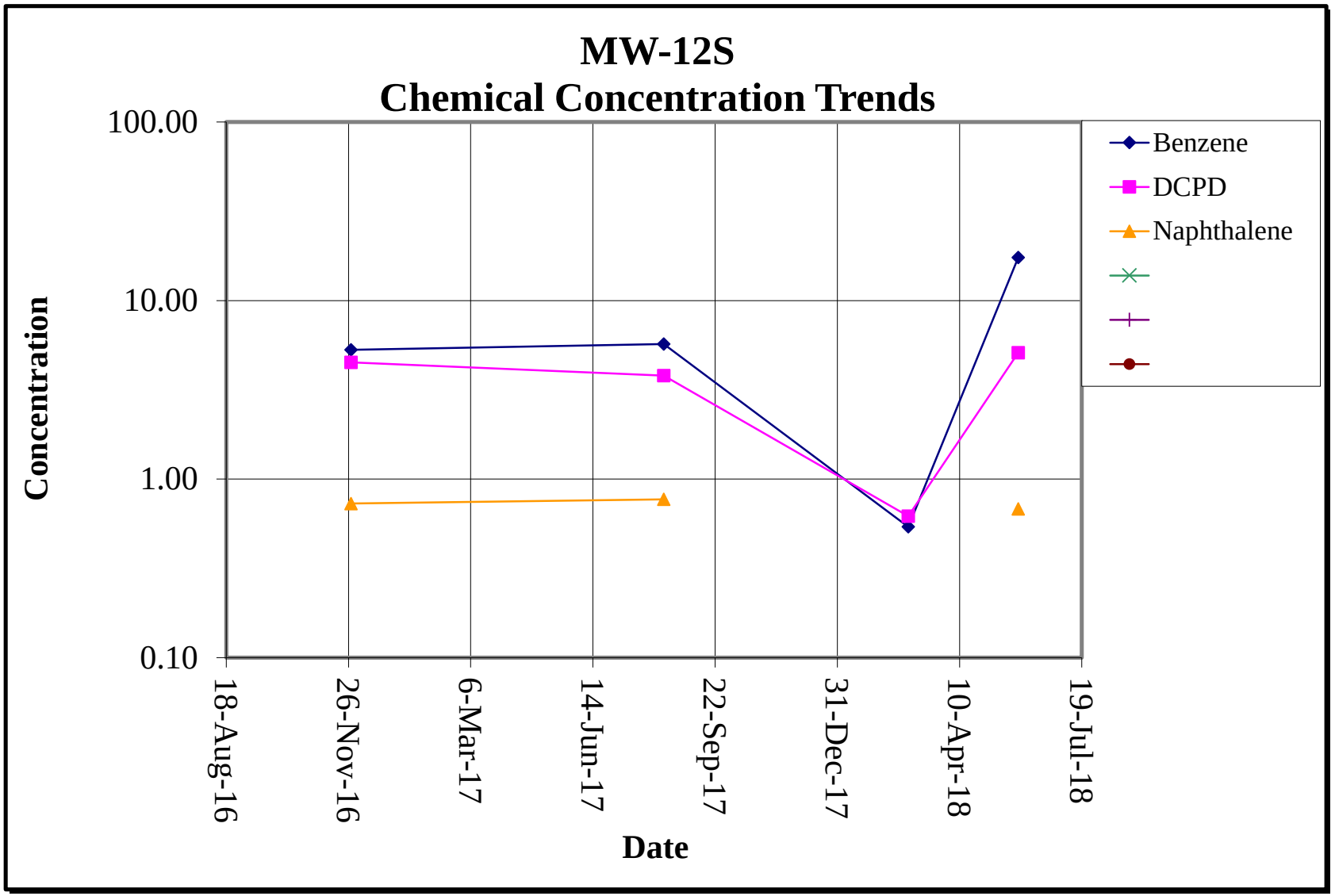
Mann-Kendall Statistical Test
Version 2 10/22/02

Instructions: To use the spreadsheet, provide at least four rounds and up to ten rounds of data. Enter the data in cells with yellow background. Output is presented in blue background cells. Use consistent concentration units. All non-detect values should be assigned a single value, less than the detection limit, even if the detection limit varies over time. The spreadsheet contains several error checks and a data entry error may cause "DATA ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at 80% and 90% confidence levels. If an increasing or decreasing trend is not present, use the additional coefficient of variation (CV) test for stable and non-stable conditions, as proposed by Wiedemeier, et al (2000), *Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation, AFCEE, San Antonio, Texas, January 2000*. Clicking the PRINT button will print both the data analysis sheet and the plot of concentration trends.

This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-12S
Compound		Benzene	DCPD	Naphthalene			
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	28-Nov-16	5.30	4.50	0.73			
2	11-Aug-17	5.70	3.80	0.77			
3	27-Feb-18	0.54	0.62	0.00			
4	28-May-18	17.40	5.10	0.68			
5							
6							
7							
8							
9							
10							
	Mann Kendall Statistic S	2	0	-2	0	0	0
	Number of Rounds n	4	4	4	0	0	0
	Average	7.24	3.51	0.55	Not Applicable	Not Applicable	Not Applicable
	Standard Deviation	7.17	2.00	0.37	Not Applicable	Not Applicable	Not Applicable
	Coefficient of Variation (CV)	0.99	0.57	0.67	Not Applicable	Not Applicable	Not Applicable
Trend ≥ 80% Confidence Level		No Trend	No Trend	No Trend	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	No Trend	No Trend	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1 STABLE**	**CV <= 1 STABLE**	**CV <= 1 STABLE**	n<4 n<4	n<4 n<4	n<4 n<4
Error Check, Blank If no Errors Detected					n < 4	n < 4	n < 4

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-12S
Chemical Concentration Trends
100.00
10.00
1.00
0.10
Concentration
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
Benzene
DCPD
Naphthalene

State of Idaho
Department of Environmental Quality
Remediation Program

Mann-Kendall Statistical Test
Version 2 10/22/02

Instructions: To use the spreadsheet, provide at least four rounds and up to ten rounds of data. Enter the data in cells with yellow background. Output is presented in blue background cells. Use consistent concentration units. All non-detect values should be assigned a single value, less than the detection limit, even if the detection limit varies over time. The spreadsheet contains several error checks and a data entry error may cause "DATA ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at 80% and 90% confidence levels. If an increasing or decreasing trend is not present, use the additional coefficient of variation (CV) test for stable and non-stable conditions, as proposed by Wiedemeier, et al (2000), *Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation, AFCEE, San Antonio, Texas, January 2000*. Clicking the PRINT button will print both the data analysis sheet and the plot of concentration trends.

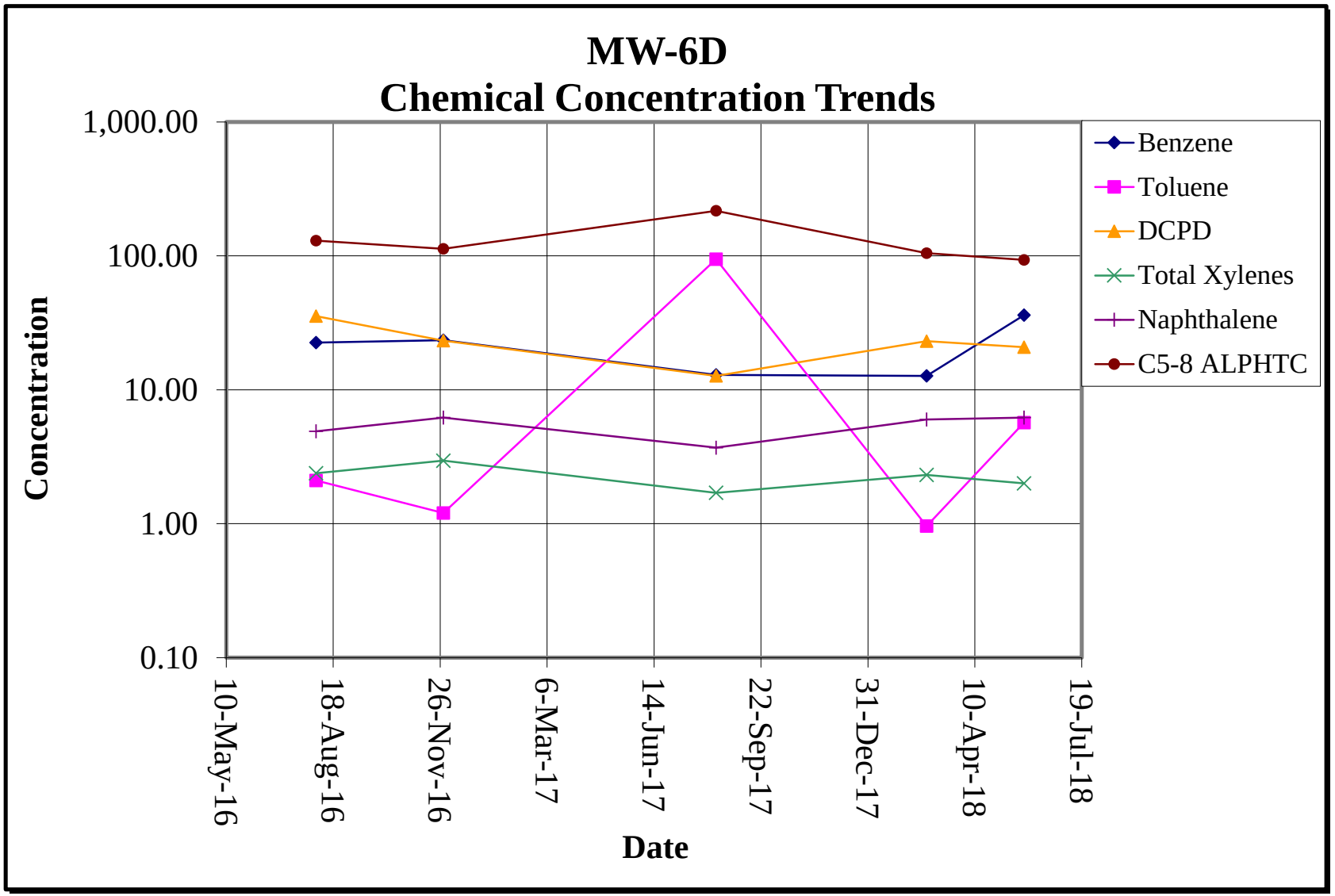
This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-6D

Compound		Benzene	Toluene	DCPD	Total Xylenes	Naphthalene	C5-8 ALPHTC
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	2-Aug-16	22.50	2.10	35.50	2.38	4.90	130.000
2	29-Nov-16	23.50	1.20	23.30	2.96	6.20	113.000
3	11-Aug-17	12.90	94.50	12.70	1.70	3.70	217.000
4	24-Feb-18	12.70	0.96	23.10	2.31	6.00	105.000
5	26-May-18	36.10	5.70	20.80	2.00	6.20	93.400
6							
7							
8							
9							
10							

Mann Kendall Statistic	S	0	0	-6	-4	3	-6
Number of Rounds	n	5	5	5	5	5	5
Average		21.54	20.89	23.08	2.27	5.40	131.68
Standard Deviation		9.61	41.19	8.17	0.47	1.09	49.52
Coefficient of Variation (CV)		0.45	1.97	0.35	0.21	0.20	0.38
Trend ≥ 80% Confidence Level		No Trend	No Trend	**DECREASING**	No Trend	No Trend	**DECREASING**
Trend ≥ 90% Confidence Level		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1 STABLE**	**CV > 1 NON-STABLE**	NA	**CV <= 1 STABLE**	**CV <= 1 STABLE**	NA
Error Check, Blank If no Errors Detected							

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-6D
Chemical Concentration Trends
Concentration
1,000.00
100.00
10.00
1.00
0.10
10-May-16
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
Benzene
Toluene
DCPD
Total Xylenes
Naphthalene
C5-8 ALPHTC

State of Idaho
Department of Environmental Quality
Remediation Program

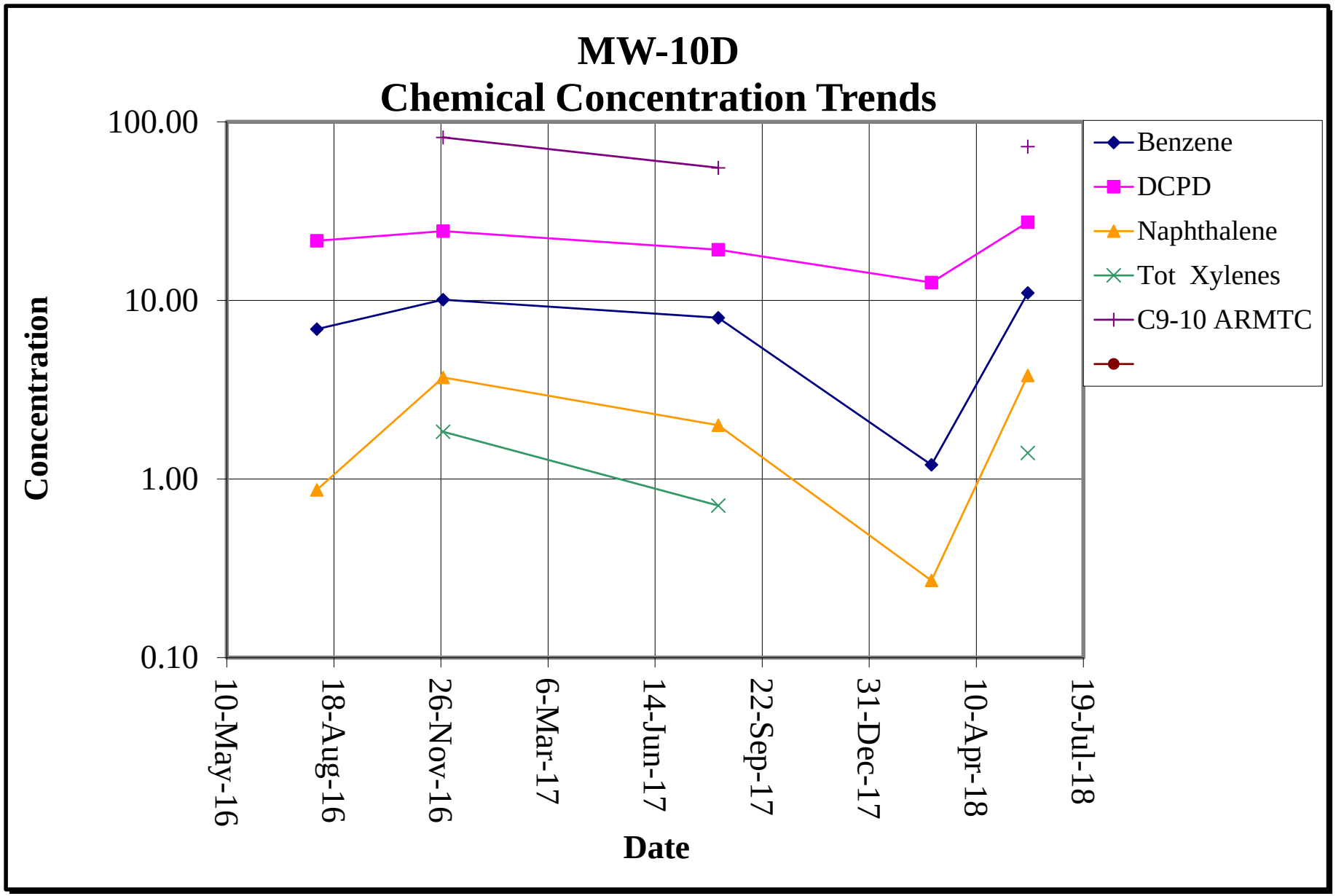
Mann-Kendall Statistical Test
Version 2 10/22/02

Instructions: To use the spreadsheet, provide at least four rounds and up to ten rounds of data. Enter the data in cells with yellow background. Output is presented in blue background cells. Use consistent concentration units. All non-detect values should be assigned a single value, less than the detection limit, even if the detection limit varies over time. The spreadsheet contains several error checks and a data entry error may cause "DATA ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at 80% and 90% confidence levels. If an increasing or decreasing trend is not present, use the additional coefficient of variation (CV) test for stable and non-stable conditions, as proposed by Wiedemeier, et al (2000), *Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation, AFCEE, San Antonio, Texas, January 2000*. Clicking the PRINT button will print both the data analysis sheet and the plot of concentration trends.

This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-10D
Compound		Benzene	DCPD	Naphthalene	Tot Xylenes	C9-10 ARMTC	
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	2-Aug-16	6.90	21.60	0.87	0.00	0.00	
2	28-Nov-16	10.10	24.40	3.70	1.84	81.80	
3	12-Aug-17	8.00	19.20	2.00	0.71	55.30	
4	27-Feb-18	1.20	12.60	0.27	0.00	0.00	
5	28-May-18	11.00	27.40	3.80	1.40	72.60	
6							
7							
8							
9							
10							
	Mann Kendall Statistic S	2	0	2	1	1	0
	Number of Rounds n	5	5	5	5	5	0
	Average	7.44	21.04	2.13	0.79	41.94	Not Applicable
	Standard Deviation	3.85	5.63	1.61	0.83	39.45	Not Applicable
	Coefficient of Variation (CV)	0.52	0.27	0.75	1.05	0.94	Not Applicable
Trend ≥ 80% Confidence Level		No Trend	No Trend	No Trend	No Trend	No Trend	n<4
Trend ≥ 90% Confidence Level		No Trend	No Trend	No Trend	No Trend	No Trend	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1 STABLE**	**CV <= 1 STABLE**	**CV <= 1 STABLE**	**CV > 1 NON-STABLE**	**CV <= 1 STABLE**	n<4 n<4
Error Check, Blank If no Errors Detected							n < 4

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-10D
Chemical Concentration Trends
Concentration
100.00
10.00
1.00
0.10
10-May-16
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
Benzene
DCPD
Naphthalene
Tot Xylenes
C9-10 ARMTC

State of Idaho
Department of Environmental Quality
Remediation Program

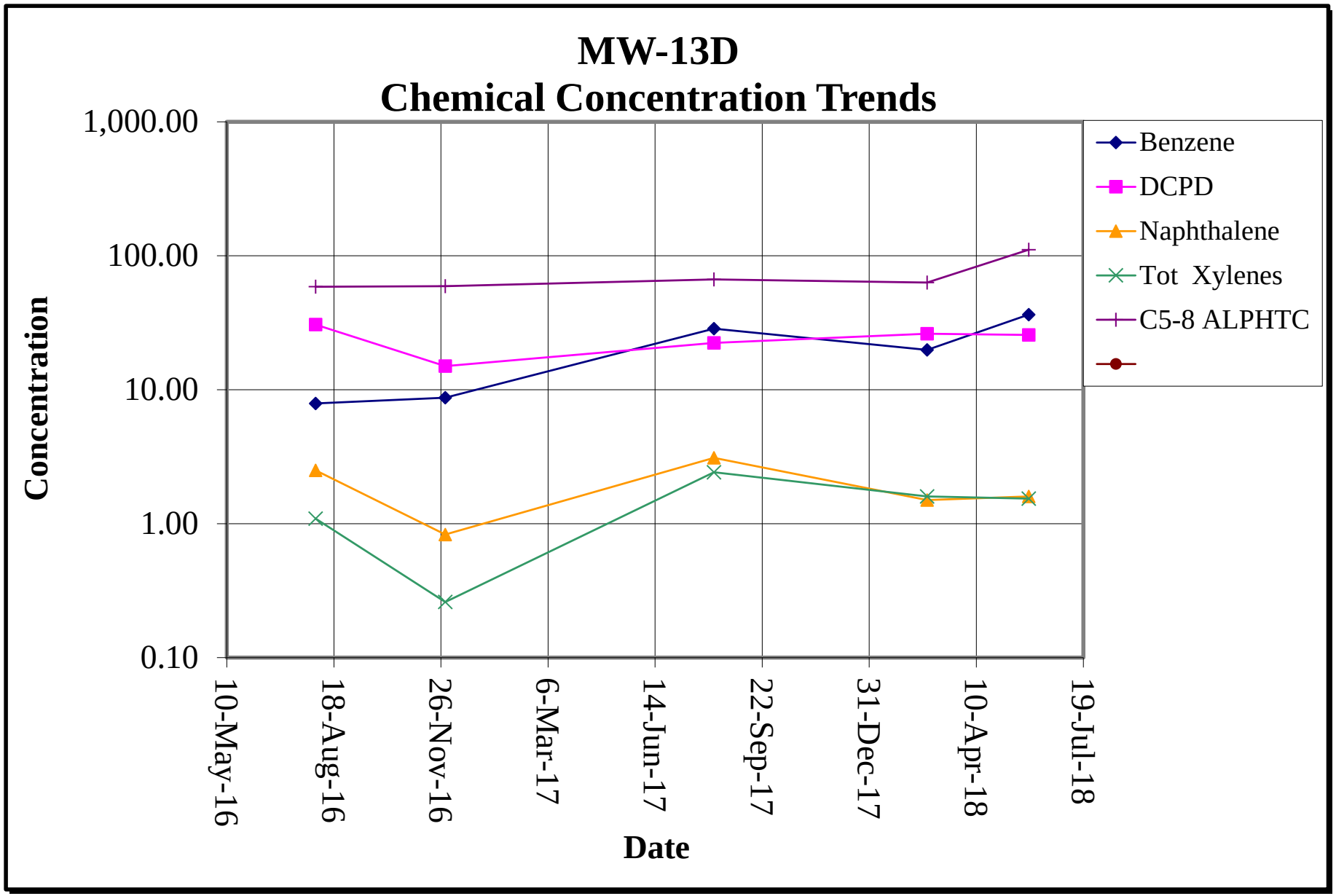
Mann-Kendall Statistical Test
Version 2 10/22/02

Instructions: To use the spreadsheet, provide at least four rounds and up to ten rounds of data. Enter the data in cells with yellow background. Output is presented in blue background cells. Use consistent concentration units. All non-detect values should be assigned a single value, less than the detection limit, even if the detection limit varies over time. The spreadsheet contains several error checks and a data entry error may cause "DATA ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at 80% and 90% confidence levels. If an increasing or decreasing trend is not present, use the additional coefficient of variation (CV) test for stable and non-stable conditions, as proposed by Wiedemeier, et al (2000), *Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation, AFCEE, San Antonio, Texas, January 2000*. Clicking the PRINT button will print both the data analysis sheet and the plot of concentration trends.

This spreadsheet is adapted from State of Wisconsin DNR, Remediation and Redevelopment Program Form 4400-215 (2/2001), developed by George Mickelson.

Site Name =	RMS	City =	HBURG	Site ID =		Well Number =	MW-13D
Compound		Benzene	DCPD	Naphthalene	Tot Xylenes	C5-8 ALPHTC	
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	1-Aug-16	7.90	30.60	2.50	1.09	58.70	
2	30-Nov-16	8.70	15.00	0.83	0.26	59.40	
3	8-Aug-17	28.60	22.40	3.10	2.42	66.70	
4	23-Feb-18	19.80	26.20	1.50	1.60	63.00	
5	29-May-18	36.40	25.60	1.60	1.54	111.00	
6							
7							
8							
9							
10							
Mann Kendall Statistic S		8	0	0	2	8	0
Number of Rounds n		5	5	5	5	5	0
Average		20.28	23.96	1.91	1.38	71.76	Not Applicable
Standard Deviation		12.42	5.80	0.89	0.79	22.17	Not Applicable
Coefficient of Variation (CV)		0.61	0.24	0.47	0.57	0.31	Not Applicable
Trend ≥ 80% Confidence Level		INCREASING	No Trend	No Trend	No Trend	INCREASING	n<4
Trend ≥ 90% Confidence Level		INCREASING	No Trend	No Trend	No Trend	INCREASING	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	CV <= 1 STABLE	CV <= 1 STABLE	CV <= 1 STABLE	NA	n<4 n<4
Error Check, Blank If no Errors Detected							n < 4

Data Entry By =	DL	Date =	26-Jun-18	Checked By =	DL
Concentration Units =	mg/L ug/L				


MW-13D
Chemical Concentration Trends
1,000.00
100.00
10.00
1.00
0.10
Concentration
10-May-16
18-Aug-16
26-Nov-16
6-Mar-17
14-Jun-17
22-Sep-17
31-Dec-17
10-Apr-18
19-Jul-18
Date
Benzene
DCPD
Naphthalene
Tot Xylenes
C5-8 ALPHTC