

June 4, 2021

Mr. Robert Corcoran
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Eastern Remedial Action
625 Broadway
Albany, NY 12233-7015

Re: Fairchild Republic Main Plant Site,
Town of Babylon, Suffolk County Site No. 1-52-130

Dear Mr. Corcoran,

Henningson, Durham, & Richardson Architecture & Engineering P. C. (HDR) was retained by The Fairchild Liquidating Trust to collect groundwater samples from 11 monitoring wells at the Fairchild Republic Main Plant Site (MPS) in East Farmingdale, New York (Figure 1) in accordance with the Revised Draft Operation, Maintenance, and Monitoring Plan (OM&M) (Malcolm Pirnie, 2006). Groundwater samples were collected from the Remediation Phase Monitoring wells in March 2021 according to the sampling procedures outlined in the OM&M Plan (Malcolm Pirnie, 2006). The objectives of the groundwater sampling event are to determine the extent of Volatile Organic Compounds (VOCs) in groundwater at the MPS and to monitor the overall effectiveness of the groundwater remedy.

VOCs in Groundwater

Groundwater samples were collected in 11 wells from March 30 to April 1, 2021. Groundwater sample collection logs are included in Attachment A. Groundwater samples were sent to Pace Laboratory, in Melville, New York, which is a New York State certified laboratory, for VOCs analyses by United States Environmental Protection Agency (USEPA) Method 8260B. The results are located in Attachment B.

The results show that nine wells (MW-37I, MW-41, MW-42D, MW-43I, MW-46I, MW-49I, MW-49D, MW-50, and S-66133) contained detectable concentrations of chlorinated VOCs. The concentration of total chlorinated VOCs in each well is shown on Table 1 and on Figure 2. Figure 3 shows the

configuration of the chlorinated VOC plume and changes in total chlorinated VOC concentrations with time in each well at the MPS. A comparison of the size and concentration of chlorinated VOC in 2021 (Figure 3) to 2013 (Figure 4), shows that the core of the plume containing chlorinated VOCs over 1,000 ug/l and the area containing chlorinated VOCs over 100 ug/l has been significantly reduced in size.

Chlorinated VOCs in a groundwater sample collected from MW-50 (1,757.5 ug/l) is down-gradient of the pumping well PW-1 and the capture zone created by the MPS remediation system. The concentration of TVOCs in groundwater collected from all nine intermediate zone monitoring wells within the MPS plume have significantly (>71%) decreasing from 2004 to 2021 as shown on Table 2. These significant decreases in TVOC concentration when combined with the significant decrease in TVOC concentration of the influent groundwater to the treatment plant (2,000 to 662 ug/l shown on Figure 5) suggest the TVOC concentrations in MW-50 could be from a different off-site source. It should be noted that the concentration of TVOCs increased in four wells (MW-41I, MW-46I, MW-49I and MW-49D) with two of the wells showing minor increases and two wells showing larger increases. The concentration of TVOCs increased from 241 to 396 ug/L in MW-49I and from 625 to 1955 ug/L in MW-49D.

Groundwater Remedy Effectiveness

Routine OM&M was completed on the pump and treat system. The routine OM&M includes responding to alarm conditions, recording and adjusting system operating parameters, collecting influent and effluent samples, and any maintenance activities necessary to keep the system operational.

Roughly 28 million gallons of water were extracted, treated, and discharged at the MPS in 2020. This equates to an average pumping rate of roughly 60 gpm as compared to the design average of 200 gpm. This is due to clogging of the air strippers and recharge basins. The groundwater remediation system has extracted and remediated more than 1.06 billion gallons of groundwater and removed over 14,955 pounds (1,235 gallons) of total VOCs since 2005.

Groundwater samples were collected monthly from the treatment system during this reporting period to monitor the effectiveness of the treatment system and to document compliance with NYSDEC discharge requirements. The groundwater samples were analyzed for:

- VOCs (8260B) (including Freon 113)
- Total Dissolved Solids (TDS)

- pH
- Total Iron
- Total Manganese
- Total Zinc

The VOCs results (Appendix C) show that the groundwater discharge to the infiltration basins met discharge standards and was in compliance with the NYSDEC discharge requirements in 2020.

The concentration of total VOCs in influent water samples was plotted against time to track the influent groundwater quality (Figure 5). Between May 2005 and December 2009, the influent concentration of total VOCs fluctuated between 2,000 - 3000 µg/L showing the remediation system was successfully removing significant concentrations of VOCs from the aquifer. From 2009 to 2021, the influent concentration of VOCs has decreased from 2,000 to 662 ug/l. These data show that the groundwater remedy is effective at removing a significant amount of VOCs from the aquifer.

The progress of the groundwater remedy can be demonstrated by evaluating two datasets:

1. The average VOC concentration in the plume monitoring wells; and
2. Comparing to total mass removed to the initial estimate of the total mass.

The progress of the groundwater remedy can be shown by reviewing the average concentration of VOCs in performance monitoring wells. The annual groundwater sampling results (2005 to 2021) are summarized on Table 2. The 2021 data can be compared with the results of previous year's data to show the progress of the groundwater remediation. The data on Table 2 show the average concentration has decreased in concentration from 1,030 ug/l in 2004 (baseline) to 296 ug/l in 2021. However, the average concentration increased from 142 to 296 ug/L from 2019 to 2021. These data are also presented graphically (Figure 6) to show the steady decline in VOCs concentration of the plume with the exception of 2021.

The progress of the groundwater remedy can also be shown by reviewing the influent VOC concentration to the treatment plant over the life of the remedy. This was completed by multiplying the total VOCs in the influent water to the treatment plant by the volume of water extracted to calculate the total mass removed during the reporting period (Figure 5). This calculation shows that 14,955 pounds of VOCs have been removed from the aquifer to date. Comparing this value to the original estimate of the dissolved mass in-place of roughly 16,000 pounds of VOCs to the mass

removed to date (14,955/16,000 pounds), shows that roughly 93 percent of the mass has been removed from the aquifer.

CONCLUSIONS

- The groundwater remedy is successful at remediating the MPS plume.
- The groundwater remediation system removed approximately 14,955 pounds or 1,235 gallons of VOCs from the aquifer by December 2020.
- The influent VOC concentration to the treatment plant began to decrease in concentration from 2009 to 2021 showing the effectiveness of the groundwater remedy.
- The average concentration of VOCs in groundwater collected from the performance monitoring wells has decreased from 1,030 to 296 ug/l during 15 years of operation.
- The average concentration of VOCs in groundwater increased from 142 to 296 ug/L from 2019 to 2021.
- All of the water discharged to the infiltration basins met the NYSDEC groundwater effluent limitations.

Sincerely,

Henningson, Durham, & Richardson Architecture & Engineering P. C.



Daniel J. St. Germain, PG (NY #78)

Project Manager

TABLES

Table 1
Volatile Organic Compounds in Groundwater
FAIRCHILD MAIN PLANT SITE
MAIROLL, INC.
EAST FARMINGDALE NEW YORK

Parameter	Units	MW-37i 3/30/2021	MW-41i 3/30/2021	MW-42i 4/1/2021	MW-42D 4/1/2021	MW-43i 3/30/2021	MW-46i 3/30/2021	MW-49i 3/29/2021	MW-49D 3/29/2021	MW-50 4/1/2021	S-66133 4/1/2021	S-66134 4/1/2021	TB-01 3/29/2021	TB-02 3/30/2021	TB-03 4/1/2021
1,1,1,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	7.3	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	7	ND	ND	2.4	ND	1.0	7.1	8.0	27.9	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	6.5	ND	ND	ND	ND	ND	2.3	3.1	30.6	ND	ND	ND	ND	ND
1,1-Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	1.4	ND	ND	ND	ND	ND	1.1	2.8	ND	ND	ND	ND	ND	ND
Bromobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	1.2	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	2.0	ND	ND	1.8	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	43.8	15.3	ND	ND	3.3	1.9	72	853	200	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	60.4	3.6	ND	13	46.4	16.8	73.4	613	932	4.6	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	1.5	ND	ND	ND	ND	ND	21	23.8	26.8	ND	ND	ND	ND	ND
Xylene (Total)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	76.4	5.9	ND	ND	6.0	ND	208	489	530	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	11.9	ND	2.9	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL CVOCS		197.9	24.8	0	15.4	55.7	18.7	395.7	1955	1757.5	4.6	0	0	0	0

TABLE 2
AVERAGE TOTAL CHLORINATED VOC CONCENTRATION
FAIRCHILD MAIN PLANT SITE
MAIROLL, INC.
EAST FARMINGDALE, NEW YORK

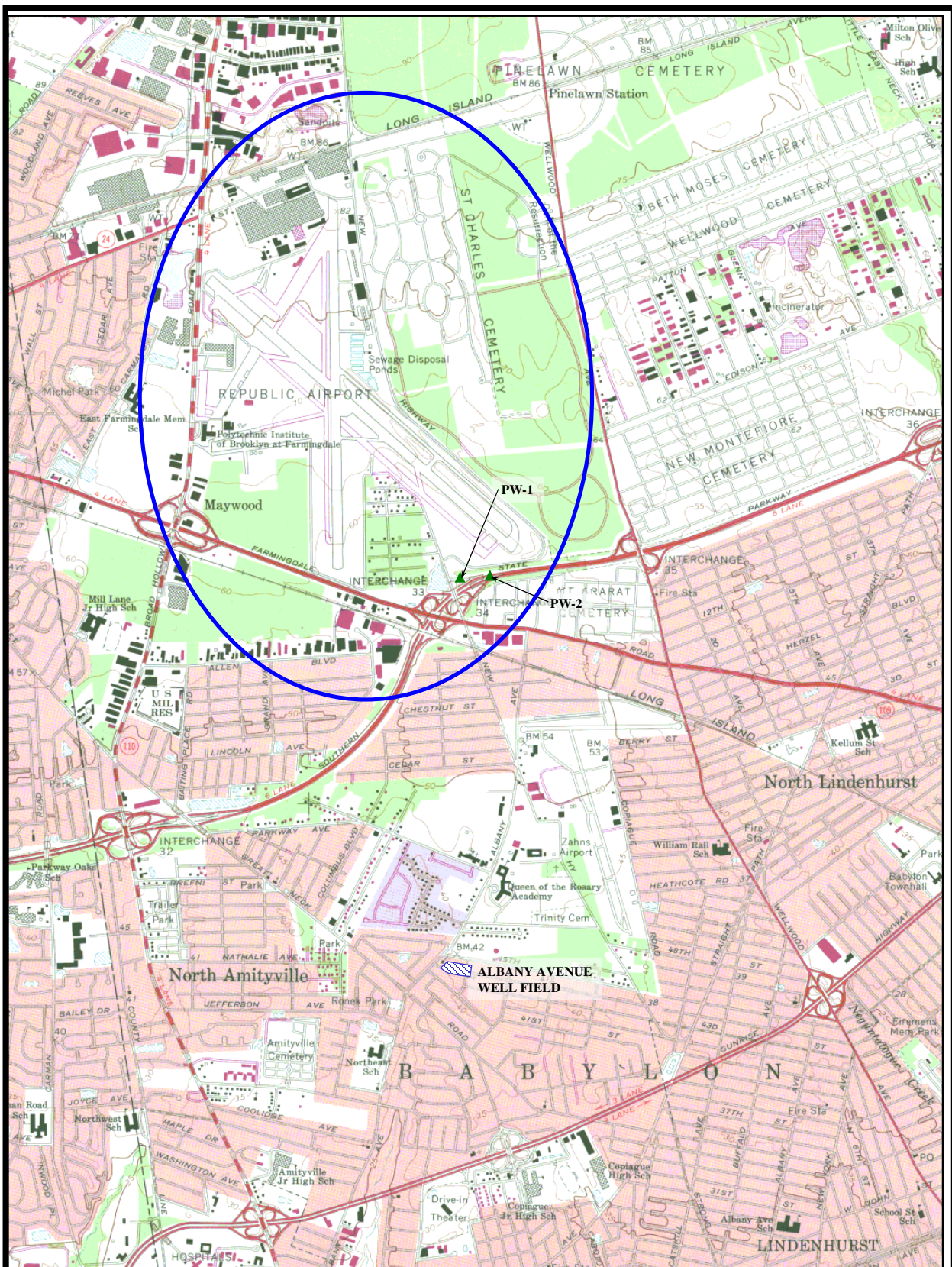
Well No.	Baseline Total CVOC Concentration (ug/L) June-04	Total VOC Concentration (ug/L) June-05	Total VOC Concentration (ug/L) June-06	Total VOC Concentration (ug/L) July-07	Total VOC Concentration (ug/L) July-08	Total VOC Concentration (ug/L) July-09	Total VOC Concentration (ug/L) August-10	Total VOC Concentration (ug/L) November-13	Total VOC Concentration (ug/L) September-15	Total VOC Concentration (ug/L) December-16	Total VOC Concentration (ug/L) December-17	Total VOC Concentration (ug/L) October-18	Total VOC Concentration (ug/L) November-19	Total VOC Concentration (ug/L) March-21
MW-41	1,123	367	198	110	122	97	57	109	42	40	37.0	27.1	21.3	24.8
MW-46I	222	143	128	103	95	2	66	71	19	41	29.7	18.7	17.8	18.7
MW-42I	20	23	10	9	5	11	20	2	108	1	1.3	1.1	0.0	0.0
MW-42D	62	71	32	45	39	40	46	60	36	26	21.5	10.9	17.0	15.4
S-66133	277	231	229	239	106	210	56	295	258	293	85.6	13.1	13.9	4.6
MW-43I	740	589	782	406	506	416	232	350	42	115	85.1	77.5	65.5	55.7
MW-49I	1,365	346	155	107	107	264	184	218	536	352	291	221	241	396
MW-49D	2,024	1,926	2,594	2,456	2,732	2373	1164	1014	394	216	230	127	625	1955
MW-37I	3,437	2,817	1,986	1,676	1,813	1971	1448	821	346	558	451	566	273	198
Average	1,030	724	679	572	614	598	364	327	198	183	137	118	142	296

Note: Samples that contained CVOCs below
the MDL were given a value of 1

TABLE 3
EFFLUENT WATER QUALITY LABORATORY RESULTS
FAIRCHILD REPUBLIC MAIN PLANT SITE
 MAIROLL, INC.
 EAST FARMINGDALE, NY

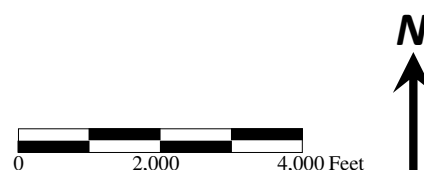
Compound	EFF 1/31/2020	EFF 2/28/2020	EFF 4/03/2020	EFF 6/30/2020	EFF 7/31/2020	EFF 8/28/2020	EFF 9/30/2020	EFF 10/30/2020	EFF 11/30/2020	EFF 12/31/2020
1,1 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1 Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2 Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2 Dichlorobenzene (v)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2 Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2 Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3 Dichlorobenzene (v)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4 Dichlorobenzene (v)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
111 Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1112Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
112 Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1122Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
123-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
123-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
124-Trichlorobenzene (v)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
124-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1245 Tetramethylbenz	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
135-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
c-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
c-1,3Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m + p Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylisobutylketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene(v)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p Diethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ter-ButylMethylEther	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

FIGURES



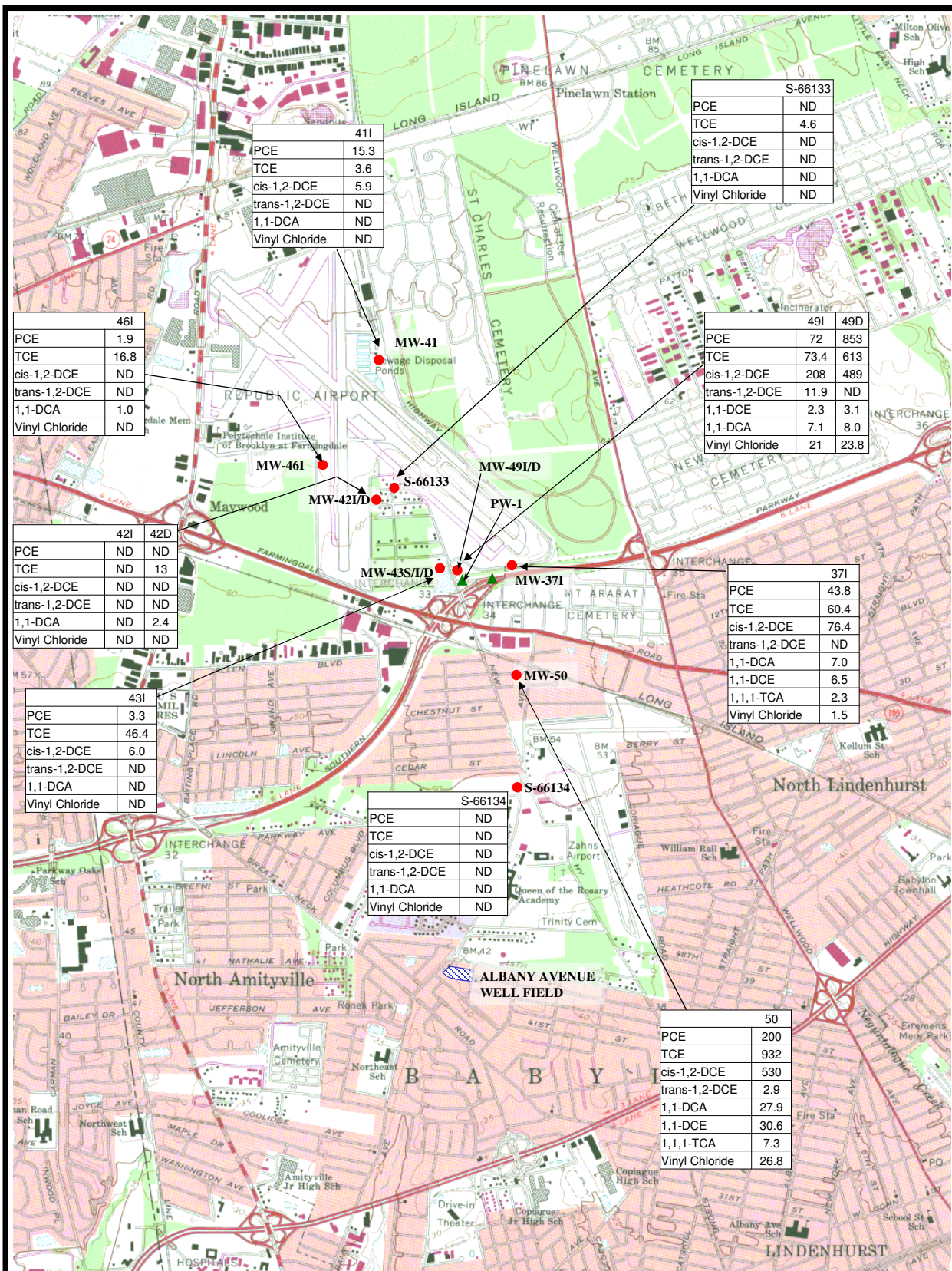
LEGEND

-  WELL FIELD
-  MONITORING WELL
-  RECOVERY WELL



SITE LOCATION
FAIRCHILD REPUBLIC MAIN PLANT SITE
MAIROLL, INC
EAST FARMINGDALE, NEW YORK

FIGURE 1



LEGEND

- WELL FIELD
- MONITORING WELL
- RECOVERY WELL
- ND NON DETECTION OF VOCs

All VOC Concentrations Reported in µg/L

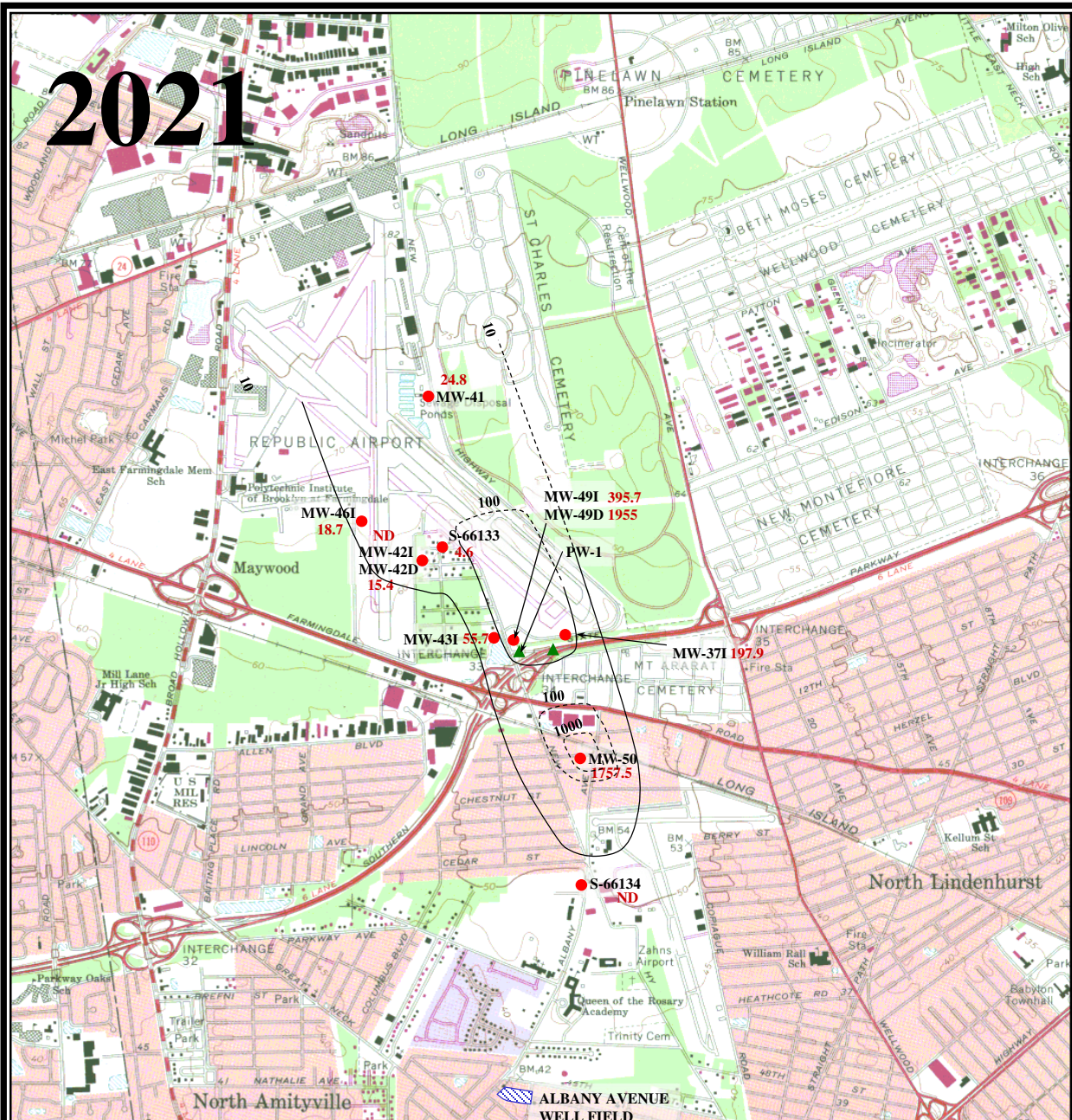
0 2,000 4,000 Feet



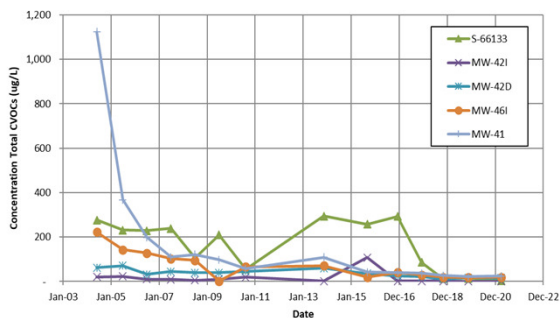
DISTRIBUTION OF CHLORINATED VOC'S IN GROUNDWATER – November 2021
FAIRCHILD REPUBLIC MAIN PLANT SITE
MAIROLL, INC
EAST FARMINGDALE, NEW YORK

FIGURE 2

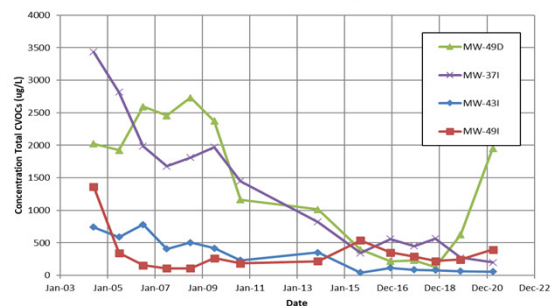
2021



Mid-Plume Monitoring Wells



Distal-Plume Monitoring Wells



LEGEND

- WELL FIELD
- MONITORING WELL
- RECOVERY WELL
- 4.8** TOTAL VOC (µg/L)

ISOCONCENTRATION CONTOUR (inferred where dashed)

100

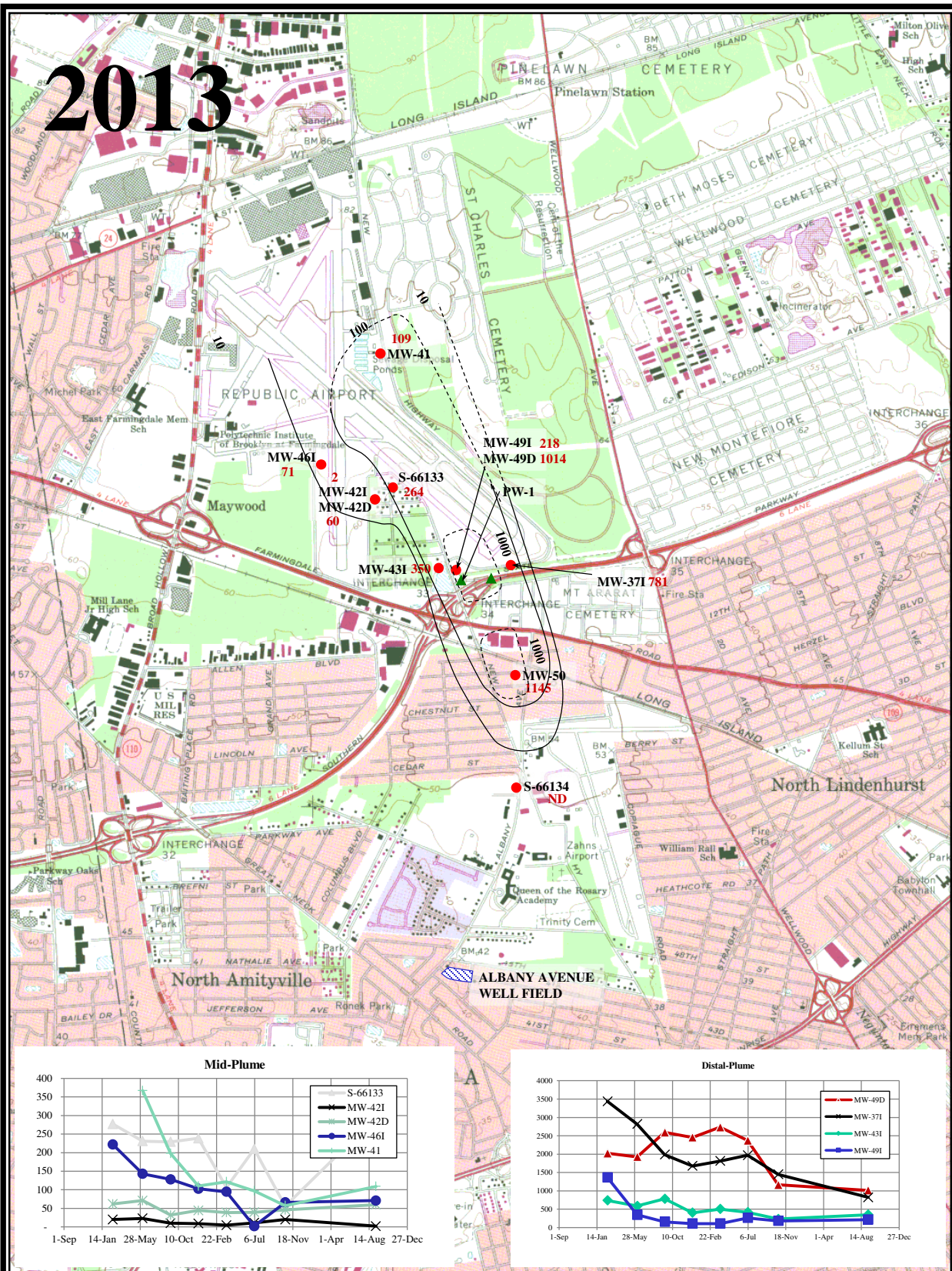
0 2,000 4,000 Feet



SITE-RELATED TOTAL CHLORINATED VOC'S, INTERMEDIATE ZONE – November 2021
FAIRCHILD REPUBLIC MAIN PLANT SITE
MAIROLL, INC
EAST FARMINGDALE, NEW YORK

FIGURE 3

2013



LEGEND

- WELL FIELD
- MONITORING WELL
- RECOVERY WELL

1157 TOTAL VOC (µg/L) (May include compounds at estimated ["J" qualifier] concentrations.

ISOCONCENTRATION CONTOUR (inferred where dashed)

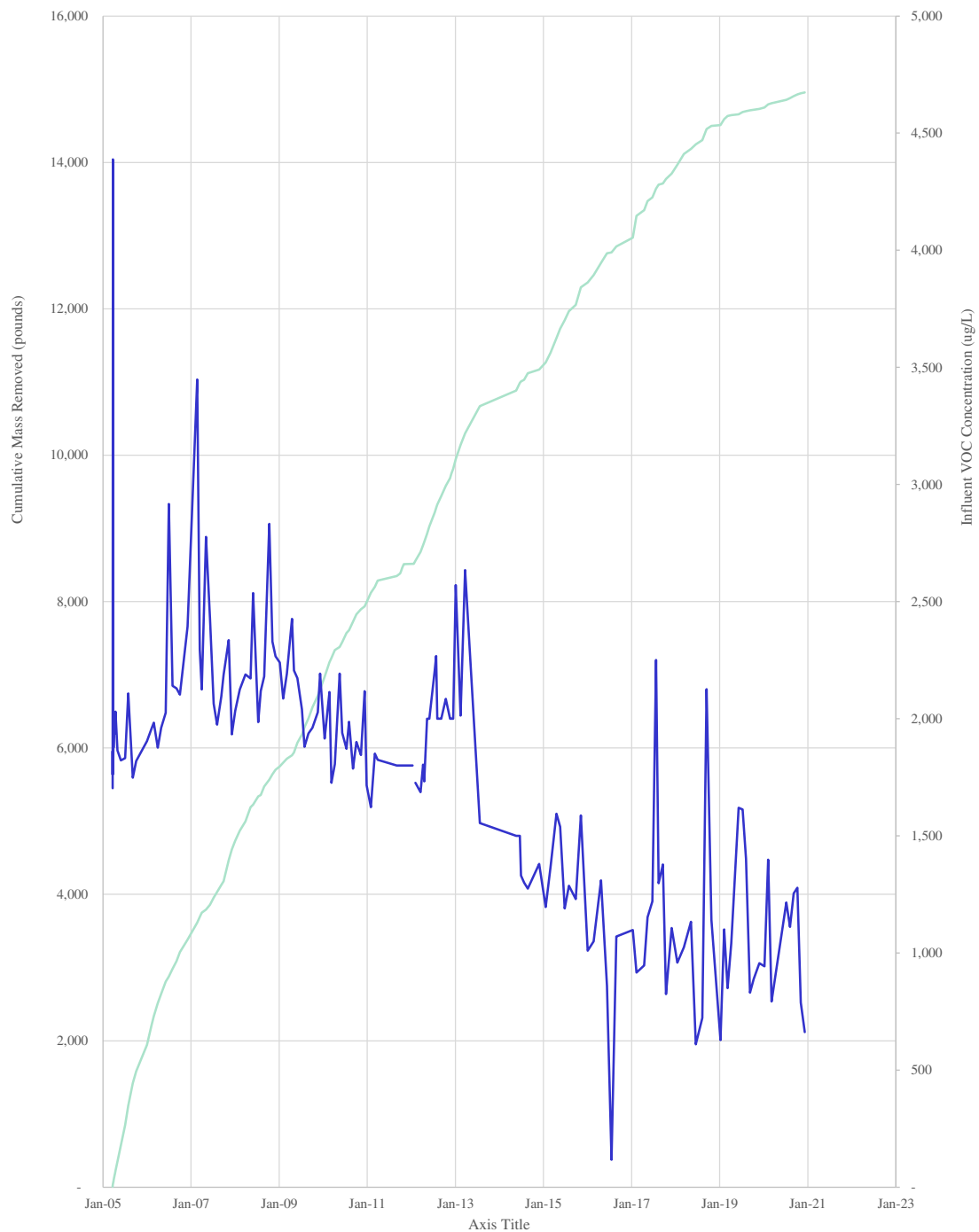
*ALL VOC CONCENTRATIONS ARE ROUNDED TO NEAREST WHOLE NUMBER

0 2,000 4,000 Feet



SITE-RELATED TOTAL CHLORINATED VOC'S, INTERMEDIATE ZONE – November 2013
FAIRCHILD REPUBLIC MAIN PLANT SITE
MAIROLL, INC
EAST FARMINGDALE, NEW YORK

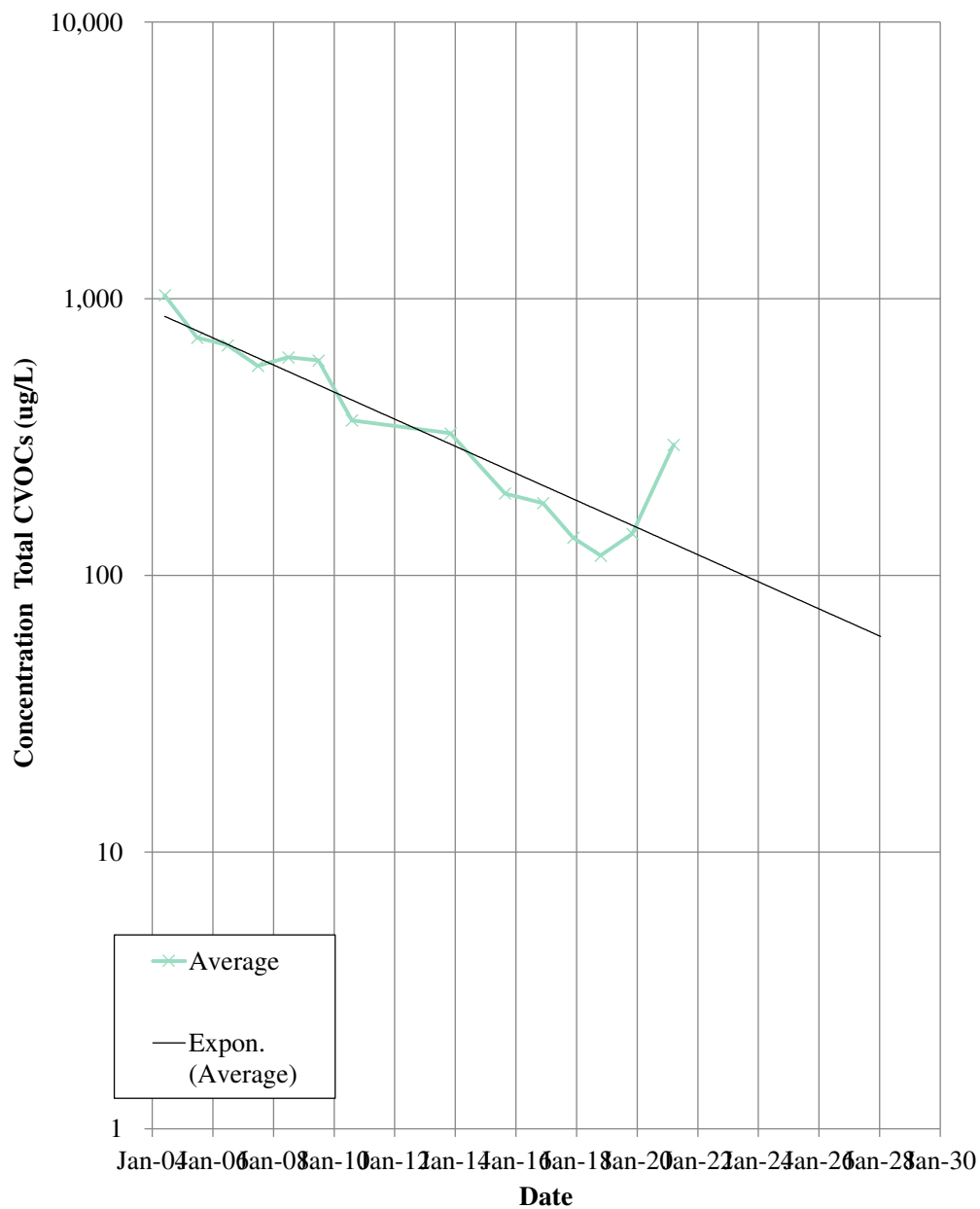
FIGURE 4



Groundwater Remediation System Performance
FAIRCHILD REPUBLIC MAIN PLANT SITE
MAIROLL, INC
EAST FARMINGDALE, NEW YORK

FIGURE 5

Average Concentration in Monitoring Wells



APPENDIX A



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 3/29/2021
 PROJECT NAME: Fairchild SAMPLERS: MTP
 SITE LOCATION: Farmingdale, NY DSM
 SITE CONTACT: Dan St. Germain WEATHER: 46°F, Pt. Cloudy, 17 MPH NW

WELL IDENTIFICATION NUMBER: MW-49D PERMIT: _____
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: MiniRAE 3000
 DEPTH TO WATER (Before Purging): 20.97 FEET FROM TOP OF CASING
 WELL DEPTH: 170 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 149.03 FEET
 WATER IN ONE WELL VOLUME: 24.32 GALLONS
 PURGE TIME (start/finish): 0900/0950 PURGE RATE: 300 ml/min
 WELL EVACUATION DEVICE: Bladder Pump
 SAMPLING TIME (start/finish): 0955/ SAMPLE RATE: 300 ml/min
 SAMPLE COLLECTION DEVICE: Bladder Pump
 SAMPLE APPEARANCE: Clear

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	0900	0910	0920	0930	0940	0945	0950			
pH (SU)	5.68	5.62	5.61	5.68	5.69	5.70	5.70			
specific conductivity (mS)	0.155	0.159	0.161	0.162	0.162	0.162	0.162			
turbidity (NTU's)	1.5	5.1	3.8	1.4	0.2	0.8	0.1			
dissolved oxygen (mg/l)	2.47	0.21	0.00	0.00	0.00	0.00	0.00			
temperature (degrees C)	12.34	12.92	13.05	13.33	13.39	13.43	13.33			
redox potential (mv)	158	228	235	233	236	241	240			
depth to water (feet)	20.97	20.97	21.04	21.06	21.10	21.16	21.12			
volume purged (gal or L)	0	3.0L	6.0L	9.0L	12.0L	13.5L	15.0L			

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs 8260 B
MW-49D-20210329 @ 0955
 LABORATORY: Pace Analytical
 CONTACT: Kimberly Mack

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:

162
1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027**GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS**

PROJECT NUMBER: 10085227 DATE: 3/29/2021
 PROJECT NAME: Fairchild SAMPLERS: UTP
 SITE LOCATION: Farmingdale, NY DJM
 SITE CONTACT: Dan St. Germain WEATHER: 46°F, Pt. Cloudy, 17 mph NW

WELL IDENTIFICATION NUMBER: MW-49F PERMIT: _____
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: MiniRAE 3000
 DEPTH TO WATER (Before Purging): 40 21.25 FEET FROM TOP OF CASING
 WELL DEPTH: 88.75 110 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 57.94 88.75 FEET
 WATER IN ONE WELL VOLUME: 57.94 GALLONS
 PURGE TIME (start/finish): 1050 / 1240 PURGE RATE: 200 m³/min
 WELL EVACUATION DEVICE: Bladder pump
 SAMPLING TIME (start/finish): 1245 SAMPLE RATE: 200 m³/min
 SAMPLE COLLECTION DEVICE: Bladder pump
 SAMPLE APPEARANCE: Slightly Turbid

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	<u>1050</u>	<u>1100</u>	<u>1110</u>	<u>1120</u>	<u>1130</u>	<u>1140</u>	<u>1150</u>	<u>1200</u>	<u>1210</u>	<u>1220</u>
pH (SU)		<u>7.10</u>	<u>6.92</u>	<u>6.84</u>	<u>6.90</u>	<u>6.87</u>	<u>6.87</u>	<u>6.84</u>	<u>6.86</u>	<u>6.82</u>
specific conductivity (mS)		<u>0.203</u>	<u>0.224</u>	<u>0.222</u>	<u>0.218</u>	<u>0.218</u>	<u>0.218</u>	<u>0.218</u>	<u>0.218</u>	<u>0.218</u>
turbidity (NTU's)		<u>136</u>	<u>108</u>	<u>105</u>	<u>85.5</u>	<u>86.4</u>	<u>85.2</u>	<u>76.4</u>	<u>64.7</u>	<u>60.8</u>
dissolved oxygen (mg/l)		<u>6.49</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
temperature (degrees C)		<u>10.84</u>	<u>12.26</u>	<u>12.37</u>	<u>12.43</u>	<u>12.43</u>	<u>12.46</u>	<u>12.37</u>	<u>12.64</u>	<u>12.76</u>
redox potential (mv)		<u>156</u>	<u>131</u>	<u>127</u>	<u>127</u>	<u>126</u>	<u>128</u>	<u>128</u>	<u>128</u>	<u>128</u>
depth to water (feet)		<u>21.52</u>	<u>21.54</u>	<u>21.54</u>	<u>21.54</u>	<u>21.54</u>	<u>21.54</u>	<u>21.54</u>	<u>21.54</u>	<u>21.54</u>
volume purged (gal or L)	<u>0</u>	<u>2.00</u>	<u>4.0</u>	<u>6.0</u>	<u>8.0</u>	<u>10.0</u>	<u>12.0</u>	<u>14.0</u>	<u>16.0</u>	<u>18.0</u>

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs, 8260B
MW-49F-20210329 @ 1245
 LABORATORY: Pace Analytical
 CONTACT: Kimberly Muck

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES: Began initially at 0858, Pump was not
getting water consistently. Trouble started pump
multiple times. 1050 finally got water.



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 3/29/2021
 PROJECT NAME: Fairchild SAMPLERS: MTP
 SITE LOCATION: Farmingdale, NY DSM
 SITE CONTACT: Don St. Germain WEATHER: 46°F, Pt Cloudy, 17 mph W

WELL IDENTIFICATION NUMBER:

PERMIT:

WELL HEADSPACE READING:

PID MODEL/LAMP:

DEPTH TO WATER (Before Purging):

FEET FROM TOP OF CASING

WELL DEPTH:

FEET FROM TOP OF CASING

HEIGHT OF WATER IN WELL:

FEET

WATER IN ONE WELL VOLUME:

GALLONS

PURGE TIME (start/finish):

PURGE RATE:

WELL EVACUATION DEVICE:

SAMPLING TIME (start/finish):

SAMPLE RATE:

SAMPLE COLLECTION DEVICE:

SAMPLE APPEARANCE:

FIELD PARAMETERS	~~Initial~~	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	12:30	12:35	12:40							
pH (SU)	6.80	6.84	6.84							
specific conductivity (mS)	0.222	0.222	0.221							
turbidity (NTU's)	38.5	38.7	36.8							
dissolved oxygen (mg/l)	0.00	0.00	0.00							
temperature (degrees C)	12.90	12.86	12.87							
redox potential (mv)	133	130	130							
depth to water (feet)	21.54	21.54	21.54							
volume purged (gal or L)	20.0	28.0	24.0							

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED:

LABORATORY:

CONTACT:

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 3/24/2021
 PROJECT NAME: Fairchild SAMPLERS: MRP
 SITE LOCATION: Farmydale, NY DTM
 SITE CONTACT: Dan St. Germain WEATHER: 51°F, Clear, 22 MPH NW

WELL IDENTIFICATION NUMBER: MW-41 PERMIT: _____
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: MiniRAE 3000
 DEPTH TO WATER (Before Purging): 24.68 FEET FROM TOP OF CASING
 WELL DEPTH: 140 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 115.32 FEET
 WATER IN ONE WELL VOLUME: 75.28 GALLONS
 PURGE TIME (start/finish): 1330/1430 PURGE RATE: 250 mL/min
 WELL EVACUATION DEVICE: Bladder Pump
 SAMPLING TIME (start/finish): 1435 SAMPLE RATE: 250 mL/min
 SAMPLE COLLECTION DEVICE: Bladder Pump
 SAMPLE APPEARANCE: Clear

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	1330	1340	1350	1400	1410	1420	1425	1430		
pH (SU)	6.42	6.32	6.36	6.38	6.37	6.38	6.37	6.38		
specific conductivity (mS)	0.251	0.433	0.447	0.448	0.448	0.448	0.448	0.448		
turbidity (NTU's)	0.0	7.22	176	94.4	44.2	15.9	9.9	9.1		
dissolved oxygen (mg/l)	12.45	10.61	8.72	7.38	6.55	5.66	5.66	5.66		
temperature (degrees C)	14.56	14.86	15.08	15.17	15.20	15.23	15.18	15.17		
redox potential (mv)	-36	-28	-1	3	5	5	4	4		
depth to water (feet)	24.80	24.80	24.80	24.80	24.80	24.80	24.80	24.80		
volume purged (gal or L)	24.80	2.5	5	7.5	10	12.5	15.0	17.5		

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs 8260 B
MW-41-20210329 @ 1435
 LABORATORY: Pace Analytical
 CONTACT: Kimberly Macik

Casing Diameter/Volume conversions	
(inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES: underneath a Trailer

1042
1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027**GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS**

PROJECT NUMBER: 10025227 DATE: 3/30/2021
PROJECT NAME: Fairchild SAMPLERS: MTP
SITE LOCATION: Farmingdale, NY DJM
SITE CONTACT: Dan St. Germain WEATHER: 40°F, clear, 3MPH E

WELL IDENTIFICATION NUMBER: MW-46I PERMIT: _____
WELL HEADSPACE READING: 00 1.3 PID MODEL/LAMP: Miri RAE 3000
DEPTH TO WATER (Before Purging): 19.31 FEET FROM TOP OF CASING
WELL DEPTH: 149 FEET FROM TOP OF CASING
HEIGHT OF WATER IN WELL: 129.69 FEET
WATER IN ONE WELL VOLUME: 84.66 GALLONS
PURGE TIME (start/finish): 0810/1010 PURGE RATE: 0.25 250 mL/min
WELL EVACUATION DEVICE: Bladder Pump
SAMPLING TIME (start/finish): 1010 SAMPLE RATE: 250 mL/min
SAMPLE COLLECTION DEVICE: Bladder Pump
SAMPLE APPEARANCE: _____

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	0810	0820	0830	0840	0850	0900	0910	0920	0930	0940
pH (SU)	5.03	5.36	5.49	5.39	5.37	5.34	5.40	5.40	5.36	5.40
specific conductivity (mS)	0.143	0.123	0.147	0.197	0.197	0.197	0.196	0.196	0.196	0.196
turbidity (NTU's)	0.0	243	327	264	168	152	107	88.4	88.1	80.7
dissolved oxygen (mg/l)	9.74	4.73	1.81	1.81	1.24	1.16	1.30	1.50	1.21	1.04
temperature (degrees C)	12.11	12.74	12.83	12.79	12.91	13.07	13.15	13.23	13.36	13.43
redox potential (mv)	304	147	130	142	152	161	160	169	170	178
depth to water (feet)	19.31	19.3	19.31	19.3	19.37	19.31	19.31	19.31	19.3	19.31
volume purged (gal or L)	0	2.5	5.0	7.5	10	12.5	15.0	17.5	20.0	22.5

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs, 8260B
MW-46I-20210330 @ 1015
LABORATORY: Pace Analytical
CONTACT: Kimberly Mack

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



2 of 2
1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10075-227
PROJECT NAME: Fairchild
SITE LOCATION: Farmingdale, NY
SITE CONTACT: Don St. Germain

DATE: 3/30/2021
SAMPLERS: AKV
DJM
WEATHER: 40°F, clear, 3MPH E

WELL IDENTIFICATION NUMBER:

PERMIT:

WELL HEADSPACE READING:

PID MODEL/LAMP:

DEPTH TO WATER (Before Purging):

FEET FROM TOP OF CASING

WELL DEPTH:

FEET FROM TOP OF CASING

HEIGHT OF WATER IN WELL:

FEET

WATER IN ONE WELL VOLUME:

GALLONS

PURGE TIME (start/finish):

PURGE RATE:

WELL EVACUATION DEVICE:

SAMPLING TIME (start/finish):

SAMPLE RATE:

SAMPLE COLLECTION DEVICE:

SAMPLE APPEARANCE:

FIELD PARAMETERS	initial 10 th	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	0950	1000	1005	1010						
pH (SU)	5.39	5.42	5.38							
specific conductivity (mS)	0.197	0.197	0.197							
turbidity (NTU's)	72.4	72.3	71.4							
dissolved oxygen (mg/l)	1.05	0.98	0.96							
temperature (degrees C)	13.48	13.48	13.50							
redox potential (mv)	181	182	183							
depth to water (feet)	14.31	14.31	14.31							
volume purged (gal or L)	25.0	27.5	30.0							

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED:

LABORATORY:

CONTACT:

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:

1 of 2
1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027**GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS**

PROJECT NUMBER: 10025227 DATE: 3/30/2021
 PROJECT NAME: Fairchild SAMPLERS: MTP
 SITE LOCATION: Farmingdale, NY DJM
 SITE CONTACT: Dan St. Germain WEATHER: 51°F, Clear, 13 MPH S

WELL IDENTIFICATION NUMBER: BXI MW-37I PERMIT: _____
 WELL HEADSPACE READING: 0.8 PID MODEL/LAMP: MiniRAE 3000
 DEPTH TO WATER (Before Purging): 16.60 FEET FROM TOP OF CASING
 WELL DEPTH: 193 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 176.4 FEET
 WATER IN ONE WELL VOLUME: 115.15 GALLONS
 PURGE TIME (start/finish): 1110/1310 PURGE RATE: ca. 200 mL/min
 WELL EVACUATION DEVICE: Bladder pump
 SAMPLING TIME (start/finish): 1315 SAMPLE RATE: 200 mL/min
 SAMPLE COLLECTION DEVICE: Bladder pump
 SAMPLE APPEARANCE: _____

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	1110	1120	1130	1140	1150	1200	1210	1220	1230	1240
pH (SU)	6.06	6.16	5.94	5.94	5.95	5.95	5.95	5.93	5.89	5.88
specific conductivity (mS)	0.266	0.279	0.287	0.286	0.290	0.290	0.286	0.288	0.290	0.290
turbidity (NTU's)	2.2	0.0	163	144	164	189	191	246	287	317
dissolved oxygen (mg/l)	9.60	6.54	1.81	1.53	1.04	0.93	1.00	0.84	0.79	0.90
temperature (degrees C)	14.90	13.58	13.06	13.12	13.15	13.26	13.35	13.32	13.34	13.28
redox potential (mv)	168	194	203	197	197	200	203	187	154	141
depth to water (feet)	16.60	16.60	16.60	17.13	17.13	17.13	17.13	17.13	17.17	17.18
volume purged (gal or L)	0	2.0	4.0	6.0	8.0	10.0	12.4	14	16	18

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs, 826013
MW-37I-20210330 @ 1315
 LABORATORY: PAE Analytical
 CONTACT: Kimberly Mack

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:
Blind Duplicate BDO1-20210330 collected here
later at 1100.



2 of 2

1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025-227
 PROJECT NAME: Fairchild
 SITE LOCATION: Farmingdale, NY

DATE: 3/30/2021
 SAMPLERS: MLP
DSM

SITE CONTACT: Dan St. Germain

WEATHER: 57° clear, BMAP 5

WELL IDENTIFICATION NUMBER: _____

PERMIT: _____

WELL HEADSPACE READING: _____

PID MODEL/LAMP: _____

DEPTH TO WATER (Before Purging): _____

FEET FROM TOP OF CASING _____

WELL DEPTH: _____

FEET FROM TOP OF CASING _____

HEIGHT OF WATER IN WELL: _____

FEET _____

WATER IN ONE WELL VOLUME: _____

GALLONS _____

PURGE TIME (start/finish): _____

PURGE RATE: _____

WELL EVACUATION DEVICE: _____

SAMPLING TIME (start/finish): _____

SAMPLE RATE: _____

SAMPLE COLLECTION DEVICE: _____

SAMPLE APPEARANCE: _____

FIELD PARAMETERS	Initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	1250	1300	1310							
pH (SU)	5.85	5.83	5.82							
specific conductivity (mS)	0.291	0.291	0.292							
turbidity (NTU's)	296	292	305							
dissolved oxygen (mg/l)	0.76	0.74	0.73							
temperature (degrees C)	13.31	13.34	13.38							
redox potential (mv)	140	140	140							
depth to water (feet)	17.18	17.18	17.18							
volume purged (gal or L)	20	22	24							

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: _____

LABORATORY: _____

CONTACT: _____

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES: _____



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10028 10025 227 DATE: 3/30/2021
 PROJECT NAME: Fairchild SAMPLERS: MTP
 SITE LOCATION: Farmingdale, NY DJM
 SITE CONTACT: Dan St. Germain WEATHER: 53°F, clear, 17 mph S

WELL IDENTIFICATION NUMBER: MW-43I PERMIT: _____
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: Mini PACE 3000
 DEPTH TO WATER (Before Purging): 19.49 FEET FROM TOP OF CASING
 WELL DEPTH: 200 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 180.51 FEET
 WATER IN ONE WELL VOLUME: 117.84 GALLONS
 PURGE TIME (start/finish): 1410 / 1500 PURGE RATE: 250 mL/min
 WELL EVACUATION DEVICE: Bladder Pump
 SAMPLING TIME (start/finish): 1505 SAMPLE RATE: 250 mL/min
 SAMPLE COLLECTION DEVICE: Bladder Pump
 SAMPLE APPEARANCE: Clear

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	1410	1420	1430	1440	1450	1455	1500			
pH (SU)	6.16	5.99	5.63	5.61	5.59	5.59	5.61			
specific conductivity (mS)	0.215	0.215	0.235	0.364	0.378	0.380	0.380			
turbidity (NTU's)	7.5	0.7	0.0	0.0	0.0	0.0	0.0			
dissolved oxygen (mg/l)	8.33	5.23	1.31	1.23	0.95	0.40	0.86			
temperature (degrees C)	15.45	15.27	14.84	14.72	14.87	15.04	15.05			
redox potential (mv)	177	139	168	200	218	222	224			
depth to water (feet)	19.49	17.49	17.49	19.49	17.49	17.49	19.49			
volume purged (gal or L)	0	2.5	5.0	7.5	10	12.5	15			

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs 826013
 LABORATORY: MW-43I-20210330 (W) 1505
 CONTACT: PAGE Analytical
Kimberly MacL

Casing Diameter/Volume conversions	
(inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 03/31/2021
 PROJECT NAME: Farrchild SAMPLERS: MTF
 SITE LOCATION: Farmingdale, NY DSM
 SITE CONTACT: Dan & Germain WEATHER: 55°F, Overcast, 13 MPH S

WELL IDENTIFICATION NUMBER: MW-42T PERMIT:
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: Min: RAE300
 DEPTH TO WATER (Before Purging): 19.98 FEET FROM TOP OF CASING
 WELL DEPTH: 179 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 154.02 FEET
 WATER IN ONE WELL VOLUME: 103.81 GALLONS
 PURGE TIME (start/finish): 0850/0930 PURGE RATE: 300 ml/min
 WELL EVACUATION DEVICE: Bladder Pump
 SAMPLING TIME (start/finish): 0935 SAMPLE RATE: 300 ml/min
 SAMPLE COLLECTION DEVICE: Bladder pump
 SAMPLE APPEARANCE: Clear

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	0850	0900	0910	0920	0925	0930				
pH (SU)	5.27	5.82	5.85	5.86	5.85	5.85				
specific conductivity (mS)	0.289	0.429	0.464	0.466	0.467	0.467				
turbidity (NTU's)	0.0	0.0	0.0	0.0	0.0	0.0				
dissolved oxygen (mg/l)	4.04	1.72	1.18	0.99	0.91	0.89				
temperature (degrees C)	12.06	12.51	12.54	12.59	12.59	12.61				
redox potential (mv)	244	106	158	177	181	183				
depth to water (feet)	20.10	20.15	20.15	20.15	20.15	20.15				
volume purged (gal or L)	-	3.0	6.0	9.0	12.5	15.				

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs, 8260 B
MW: 42T-20210231-0935
 LABORATORY: Pace Analytical
 CONTACT: Kimberly Mack

Casing Diameter/Volume conversions (inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10085227 DATE: 03/31/2021
 PROJECT NAME: Fairchild SAMPLERS: HTP
 SITE LOCATION: Farmingdale, NY DSU
 SITE CONTACT: Dan St. Germain WEATHER: 52°F, overcast, 12 MPH S

WELL IDENTIFICATION NUMBER: MW-42D PERMIT:
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: Mini RAE3000
 DEPTH TO WATER (Before Purging): 19.38 FEET FROM TOP OF CASING
 WELL DEPTH: 240 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 220.62 FEET
 WATER IN ONE WELL VOLUME: 144.02 GALLONS
 PURGE TIME (start/finish): 0855/0935 PURGE RATE: 250 mL/min
 WELL EVACUATION DEVICE: Boulder pump
 SAMPLING TIME (start/finish): 0940 SAMPLE RATE: 250 mL/min
 SAMPLE COLLECTION DEVICE: Boulder pump
 SAMPLE APPEARANCE: clear

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	<u>0835</u>	<u>0905</u>	<u>0915</u>	<u>0925</u>	<u>0930</u>	<u>0935</u>				
pH (SU)	<u>5.33</u>	<u>5.23</u>	<u>5.03</u>	<u>5.01</u>	<u>5.03</u>	<u>5.04</u>				
specific conductivity (mS)	<u>0.166</u>	<u>0.178</u>	<u>0.219</u>	<u>0.220</u>	<u>0.220</u>	<u>0.221</u>				
turbidity (NTU's)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>				
dissolved oxygen (mg/l)	<u>8.76</u>	<u>1.83</u>	<u>1.72</u>	<u>1.21</u>	<u>1.16</u>	<u>1.11</u>				
temperature (degrees C)	<u>13.14</u>	<u>13.22</u>	<u>13.29</u>	<u>13.30</u>	<u>13.33</u>	<u>13.37</u>				
redox potential (mv)	<u>259</u>	<u>146</u>	<u>286</u>	<u>303</u>	<u>306</u>	<u>309</u>				
depth to water (feet)	<u>19.38</u>	<u>19.38</u>	<u>19.38</u>	<u>19.38</u>	<u>19.38</u>	<u>19.38</u>				
volume purged (gal or L)	<u>0</u>	<u>2.5L</u>	<u>5.0L</u>	<u>7.5L</u>		<u>10.0L</u>				

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs, 8260B
MW-42D-3021 0331 @ 0940
 LABORATORY: PACE Analytical
 CONTACT: Kimberly Hull

Casing Diameter/Volume conversions (Inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 03/31/2021
 PROJECT NAME: Fairchild SAMPLERS: MTP
 SITE LOCATION: Farmingdale, NY DJM
 SITE CONTACT: Dan St. Germain WEATHER: 55°F, Overcast, 16 mph

WELL IDENTIFICATION NUMBER: S-66133 PERMIT: _____
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: _____
 DEPTH TO WATER (Before Purging): 21.90 FEET FROM TOP OF CASING
 WELL DEPTH: 142 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 120.10 FEET
 WATER IN ONE WELL VOLUME: 140.36 GALLONS
 PURGE TIME (start/finish): 1010/1050 PURGE RATE: 300 ML/min
 WELL EVACUATION DEVICE: Bladder pump
 SAMPLING TIME (start/finish): 1055 SAMPLE RATE: 300 ML/min
 SAMPLE COLLECTION DEVICE: Bladder pump
 SAMPLE APPEARANCE: Clear

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	1010	1020	1030	1040	1045	1050				
pH (SU)	6.52	5.71	5.72	5.73	5.75	5.74				
specific conductivity (mS)	0.233	0.871	0.466	0.481	0.483	0.485				
turbidity (NTU's)	0.0	0.0	0.0	0.0	0.0	0.0				
dissolved oxygen (mg/l)	3.89	2.94	1.05	1.05	1.04	1.05				
temperature (degrees C)	12.37	13.06	13.24	13.64	13.68	13.71				
redox potential (mv)	146	61	135	150	152	155				
depth to water (feet)	21.98	21.19	21.99	21.99	21.99	21.19				
volume purged (gal or L)	—	3	6	9	10.5	12				

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs 8260B
S-66133-20210331-1055
 LABORATORY: Pace Analytical
 CONTACT: Kimberly Muck

Casing Diameter/Volume conversions	
(inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 03/31/2021
PROJECT NAME: Fairchild SAMPLERS: MTD
SITE LOCATION: Farmingdale, NY DSM
SITE CONTACT: Dan St. Germain WEATHER: 59°F Overcast, 16 MPH SW

WELL IDENTIFICATION NUMBER: MW-50 PERMIT: Mini RAE300
WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: Mini RAE300
DEPTH TO WATER (Before Purging): 18.40 FEET FROM TOP OF CASING
WELL DEPTH: 16.5 FEET FROM TOP OF CASING
HEIGHT OF WATER IN WELL: 146.60 FEET
WATER IN ONE WELL VOLUME: 95.70 GALLONS
PURGE TIME (start/finish): 1145/1225 PURGE RATE: 300 mL/min
WELL EVACUATION DEVICE: Bleeder Pump
SAMPLING TIME (start/finish): 1230 SAMPLE RATE: 300 mL/min
SAMPLE COLLECTION DEVICE: Bleeder Pump
SAMPLE APPEARANCE:

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	<u>1145</u>	<u>1155</u>	<u>1205</u>	<u>1215</u>	<u>1220</u>	<u>1225</u>				
pH (SU)	<u>5.71</u>	<u>5.63</u>	<u>5.59</u>	<u>5.52</u>	<u>5.57</u>	<u>5.57</u>				
specific conductivity (mS)	<u>0.224</u>	<u>0.217</u>	<u>0.214</u>	<u>0.213</u>	<u>0.211</u>	<u>0.211</u>				
turbidity (NTU's)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>				
dissolved oxygen (mg/l)	<u>2.31</u>	<u>1.10</u>	<u>0.90</u>	<u>0.95</u>	<u>0.87</u>	<u>0.80</u>				
temperature (degrees C)	<u>14.01</u>	<u>13.58</u>	<u>13.62</u>	<u>13.66</u>	<u>13.74</u>	<u>13.56</u>				
redox potential (mv)	<u>197</u>	<u>219</u>	<u>230</u>	<u>236</u>	<u>240</u>	<u>241</u>				
depth to water (feet)	<u>18.40</u>	<u>18.40</u>	<u>18.40</u>	<u>18.4</u>	<u>18.40</u>	<u>18.40</u>				
volume purged (gal or L)	<u>-</u>	<u>3</u>	<u>6</u>	<u>9</u>	<u>10.5</u>	<u>12</u>				

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOLs 8260B
MW-50-20010331 @ 1230
LABORATORY: Pace Analytical
CONTACT: Kimberly Muck

Casing Diameter/Volume conversions	
(inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:



1 International Boulevard, 10th Floor, Mahwah, NJ 07495-0027

GROUNDWATER MONITORING WELL SAMPLE COLLECTION LOGS

PROJECT NUMBER: 10025227 DATE: 3/31/2021
 PROJECT NAME: Fairchild SAMPLERS: UTP
 SITE LOCATION: Farmingdale, NY DJM
 SITE CONTACT: Don St. Germain WEATHER: 60°F, overcast, 2/MPHS

WELL IDENTIFICATION NUMBER: S-66134 PERMIT: MiniRAE3000
 WELL HEADSPACE READING: 0.0 PID MODEL/LAMP: MiniRAE3000
 DEPTH TO WATER (Before Purging): 17.60 FEET FROM TOP OF CASING
 WELL DEPTH: 145 FEET FROM TOP OF CASING
 HEIGHT OF WATER IN WELL: 127.40 FEET
 WATER IN ONE WELL VOLUME: 187.11 GALLONS
 PURGE TIME (start/finish): 1330/1410 PURGE RATE: 250 ml/min
 WELL EVACUATION DEVICE: Bladder Pump
 SAMPLING TIME (start/finish): 1415 SAMPLE RATE: 200 ml/min
 SAMPLE COLLECTION DEVICE: Bladder pump
 SAMPLE APPEARANCE: _____

FIELD PARAMETERS	initial	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
time (00:00)	1330	1340	1350	1400	1405	1416				
pH (SU)	6.13	6.24	6.41	6.47	6.44	6.46				
specific conductivity (mS)	0.064	0.063	0.122	0.127	0.127	0.130				
turbidity (NTU's)	0.0	0.0	0.0	0.0	0.0	0.0				
dissolved oxygen (mg/l)	4.14	4.39	0.79	0.57	0.75	0.65				
temperature (degrees C)	15.44	13.22	13.11	13.05	13.08	13.08				
redox potential (mv)	181	-4	-66	-69	-71	-71				
depth to water (feet)	17.87	17.87	17.87	17.87	17.87	17.87				
volume purged (gal or L)	—	2.5	5	7.5	10	12.5				

SAMPLE ANALYSIS INFORMATION

ANALYSIS REQUIRED: VOCs 8260B
S-66134-20210331 @ 1415
 LABORATORY: Pace Analytical
 CONTACT: Kimberly Mark

Casing Diameter/Volume conversions	
(inches)	(gallons per foot)
2.0	0.1632
4.0	0.6528
6.0	1.4687
8.0	2.6115

NOTES:

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A	Section B	Section C	Page: 1 Of 1
Required Client Information:	Required Project Information:	Invoice Information:	
Company: Fairchild Corporation	Report To: <i>Dan St. Germain</i>	Attention: <i>Dan St. Germain</i>	
Address: 1 International Blvd.	Copy To:	Company Name: <i>FID R / Fairchild</i>	
Mahwah, NJ 07495		Address: <i>One Fairchild road Blvd, Mahwah, NJ 07495</i>	
Email: <i>daniel.stgermain@hdrinc.com</i>	Purchase Order #:	Pace Quote:	Regulatory Agency
Phone: <i>(201) 681-3041</i>	Project Name: <i>Fairchild Annual</i>	Pace Project Manager: <i>kimberley.mack@pacelabs.com</i>	State / Location
Requested Due Date: <i>Stanford</i>	Project #: <i>100025927</i>	Pace Profile #: <i>5941</i>	NY

[illegible]



CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Dan St. Germain	Attention:	Dan St. Germain
Address:	1 International Blvd.	Copy To:		Company Name:	HDR/ Fairchild
City:	Mahwah, NJ 07495			Address:	1 Int. Blvd, Mahwah, NJ 07495
Email:	daniel.stgermain@hdrinc.com	Purchase Order #:		Pace Quote:	
Phone:	(201) 681-3041	Project Name:	Fairchild Annual	Pace Project Manager:	kimberly.mack@paceclabs.com
Requested Due Date:		Project #:	10025227	Pace Profile #:	5841
				State / Location:	NY
				Regulatory Agency:	

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G-GRAB C-COMP)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES		Y/N	Analyses Test	Residual Chlorine (Y/N)
			START	END				H2SO4	HNO3			
1	INFILTRATE	MW-461-20210330	DATE	TIME	DATE	TIME						
2	INFILTRATE#2	BD01-20210330	DATE	TIME	DATE	TIME						
3	EFFLUENT#1	MW-37120210330	DATE	TIME	DATE	TIME						
4	MW-431-20210330		DATE	TIME	DATE	TIME						
5	TB-20210330		DATE	TIME	DATE	TIME						
6												
7												
8												
9												
10												
11												
12												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on	Ice	Custody	Sealed	Cooler	Samples Intact
		3/30/21	1615	Mahwah	3/30	1615	1.1		W	N	N	N	Y



CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Dan St. Germain	Attention:	Dan St. Germain
Address:	1 International Blvd.	Copy To:		Company Name:	11022 I Fairchild
	Mahwah, NJ 07495			Address:	11022 I Fairchild, Mahwah, NJ 07495
Email:	daniel.stgermain@fairchild.com	Purchase Order #:		Pace Quote:	
Phone:	(201)681-3041	Project Name:	Fairchild Annual	Pace Project Manager:	kimberly.mack@paceanalytical.com
Requested Due Date:	Standard	Project #:	10025227	Pace Profile #:	5841
				Regulatory Agency	
				State / Location	
				NY	

ITEM #	MATRIX	CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Y/N	Analyses Test	VOC by 8260	Residual Chlorine (Y/N)
				START	END			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other							
1	INFLUENT#1	MW-425-20210331	WTG	3/24/21	0935																
2	INFLUENT#2	MW-420-20210331	WTG		0940																
3	EFFLUENT#1	S-66133-20210331	WTG		1055																
4		MW-50-20210331	WTG		1230																
5		S-66134-20210331	WTG		1415																
6		TP-20210331																			
7																					
8																					
9																					
10																					
11																					
12																					
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS		Received on		TEMP in C	Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)		
				[Signature]		3/24/21	1515	Cynthia H. Pugh		3/24/21	1511	11.0		Yes	N	Y					

APPENDIX B

April 01, 2021

Daniel St. Germaine
HDR
1 International Blvd.
Mahwah, NJ 07495

RE: Project: FAIRCHILD ANNUAL 3/29
Pace Project No.: 70167208

Dear Daniel Germaine:

Enclosed are the analytical results for sample(s) received by the laboratory on March 29, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Jason Fellows, Wire to Water Electrical Contractors
Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Pace Analytical Services Long Island

Delaware Certification # NY10478

Virginia Certification # 460302

Delaware Certification # NY10478

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: MW-49D-20210329		Lab ID: 70167208001		Collected: 03/29/21 09:55		Received: 03/29/21 15:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	2.5	ug/L	1.0	1		03/31/21 13:08	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		03/31/21 13:08	74-87-3		
Vinyl chloride	23.8	ug/L	1.0	1		03/31/21 13:08	75-01-4	IH	
Chloroethane	<1.0	ug/L	1.0	1		03/31/21 13:08	75-00-3	v3	
Bromomethane	<1.0	ug/L	1.0	1		03/31/21 13:08	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		03/31/21 13:08	75-09-2		
1,1-Dichloroethene	3.1	ug/L	1.0	1		03/31/21 13:08	75-35-4	v3	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/31/21 13:08	156-60-5		
1,1-Dichloroethane	8.0	ug/L	1.0	1		03/31/21 13:08	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:08	594-20-7	v3	
cis-1,2-Dichloroethene	489	ug/L	10.0	10		03/31/21 18:37	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		03/31/21 13:08	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		03/31/21 13:08	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:08	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/31/21 13:08	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:08	563-58-6		
Benzene	2.0	ug/L	1.0	1		03/31/21 13:08	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:08	107-06-2		
Trichloroethene	613	ug/L	10.0	10		03/31/21 18:37	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:08	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		03/31/21 13:08	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		03/31/21 13:08	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:08	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		03/31/21 13:08	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:08	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:08	79-00-5		
Tetrachloroethene	853	ug/L	10.0	10		03/31/21 18:37	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:08	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/31/21 13:08	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/31/21 13:08	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 13:08	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/31/21 13:08	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		03/31/21 13:08	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		03/31/21 13:08	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/31/21 13:08	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 13:08	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:08	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 13:08	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 13:08	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: MW-49D-20210329		Lab ID: 70167208001		Collected: 03/29/21 09:55		Received: 03/29/21 15:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/31/21 13:08	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/31/21 13:08	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/31/21 13:08	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		03/31/21 13:08	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		03/31/21 13:08	75-15-0		
Acetone	<5.0	ug/L	5.0	1		03/31/21 13:08	67-64-1	IC	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/31/21 13:08	108-10-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/31/21 13:08	110-57-6	v3	
Ethanol	<250	ug/L	250	1		03/31/21 13:08	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 13:08	75-45-6	N3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:08	95-93-2	N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	86	%	70-123	1		03/31/21 13:08	17060-07-0		
4-Bromofluorobenzene (S)	94	%	66-119	1		03/31/21 13:08	460-00-4		
Toluene-d8 (S)	92	%	82-121	1		03/31/21 13:08	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: MW-491-20210329		Lab ID: 70167208002	Collected: 03/29/21 12:45	Received: 03/29/21 15:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 13:27	75-71-8	
Chloromethane	<1.0	ug/L	1.0	1		03/31/21 13:27	74-87-3	
Vinyl chloride	21.0	ug/L	1.0	1		03/31/21 13:27	75-01-4	IH
Chloroethane	<1.0	ug/L	1.0	1		03/31/21 13:27	75-00-3	v3
Bromomethane	<1.0	ug/L	1.0	1		03/31/21 13:27	74-83-9	
Methylene Chloride	<1.0	ug/L	1.0	1		03/31/21 13:27	75-09-2	
1,1-Dichloroethene	2.3	ug/L	1.0	1		03/31/21 13:27	75-35-4	v3
trans-1,2-Dichloroethene	11.9	ug/L	1.0	1		03/31/21 13:27	156-60-5	
1,1-Dichloroethane	7.1	ug/L	1.0	1		03/31/21 13:27	75-34-3	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:27	594-20-7	v3
cis-1,2-Dichloroethene	208	ug/L	2.0	2		03/31/21 18:57	156-59-2	
Chloroform	<1.0	ug/L	1.0	1		03/31/21 13:27	67-66-3	
Bromochloromethane	<1.0	ug/L	1.0	1		03/31/21 13:27	74-97-5	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:27	71-55-6	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/31/21 13:27	56-23-5	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:27	563-58-6	
Benzene	<1.0	ug/L	1.0	1		03/31/21 13:27	71-43-2	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:27	107-06-2	
Trichloroethene	73.4	ug/L	1.0	1		03/31/21 13:27	79-01-6	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:27	78-87-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/31/21 13:27	75-27-4	
Dibromomethane	<1.0	ug/L	1.0	1		03/31/21 13:27	74-95-3	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:27	10061-02-6	
Toluene	<1.0	ug/L	1.0	1		03/31/21 13:27	108-88-3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:27	10061-01-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:27	79-00-5	
Tetrachloroethene	72.0	ug/L	1.0	1		03/31/21 13:27	127-18-4	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:27	142-28-9	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/31/21 13:27	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/31/21 13:27	106-93-4	
Chlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	108-90-7	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 13:27	630-20-6	
Ethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	100-41-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/31/21 13:27	1330-20-7	
Styrene	<1.0	ug/L	1.0	1		03/31/21 13:27	100-42-5	
Bromoform	<1.0	ug/L	1.0	1		03/31/21 13:27	75-25-2	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/31/21 13:27	98-82-8	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 13:27	79-34-5	
Bromobenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	108-86-1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:27	96-18-4	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	103-65-1	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 13:27	95-49-8	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	108-67-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 13:27	106-43-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	95-63-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	135-98-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: MW-49I-20210329		Lab ID: 70167208002	Collected: 03/29/21 12:45	Received: 03/29/21 15:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/31/21 13:27	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/31/21 13:27	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/31/21 13:27	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		03/31/21 13:27	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		03/31/21 13:27	75-15-0	
Acetone	<5.0	ug/L	5.0	1		03/31/21 13:27	67-64-1	IC
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/31/21 13:27	108-10-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/31/21 13:27	110-57-6	v3
Ethanol	<250	ug/L	250	1		03/31/21 13:27	64-17-5	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 13:27	75-45-6	N3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:27	95-93-2	N3
Surrogates								
1,2-Dichloroethane-d4 (S)	86	%	70-123	1		03/31/21 13:27	17060-07-0	
4-Bromofluorobenzene (S)	93	%	66-119	1		03/31/21 13:27	460-00-4	
Toluene-d8 (S)	93	%	82-121	1		03/31/21 13:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: MW-41-20210329		Lab ID: 70167208003	Collected: 03/29/21 14:35	Received: 03/29/21 15:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 13:47	75-71-8	
Chloromethane	<1.0	ug/L	1.0	1		03/31/21 13:47	74-87-3	
Vinyl chloride	<1.0	ug/L	1.0	1		03/31/21 13:47	75-01-4	
Chloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	75-00-3	v3
Bromomethane	<1.0	ug/L	1.0	1		03/31/21 13:47	74-83-9	
Methylene Chloride	<1.0	ug/L	1.0	1		03/31/21 13:47	75-09-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/31/21 13:47	75-35-4	v3
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/31/21 13:47	156-60-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	75-34-3	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:47	594-20-7	v3
cis-1,2-Dichloroethene	5.9	ug/L	1.0	1		03/31/21 13:47	156-59-2	
Chloroform	<1.0	ug/L	1.0	1		03/31/21 13:47	67-66-3	
Bromochloromethane	<1.0	ug/L	1.0	1		03/31/21 13:47	74-97-5	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	71-55-6	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/31/21 13:47	56-23-5	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:47	563-58-6	
Benzene	<1.0	ug/L	1.0	1		03/31/21 13:47	71-43-2	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	107-06-2	
Trichloroethene	3.6	ug/L	1.0	1		03/31/21 13:47	79-01-6	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:47	78-87-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/31/21 13:47	75-27-4	
Dibromomethane	<1.0	ug/L	1.0	1		03/31/21 13:47	74-95-3	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:47	10061-02-6	
Toluene	<1.0	ug/L	1.0	1		03/31/21 13:47	108-88-3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 13:47	10061-01-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	79-00-5	
Tetrachloroethene	15.3	ug/L	1.0	1		03/31/21 13:47	127-18-4	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:47	142-28-9	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/31/21 13:47	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/31/21 13:47	106-93-4	
Chlorobenzene	2.8	ug/L	1.0	1		03/31/21 13:47	108-90-7	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	630-20-6	
Ethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	100-41-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/31/21 13:47	1330-20-7	
Styrene	<1.0	ug/L	1.0	1		03/31/21 13:47	100-42-5	
Bromoform	<1.0	ug/L	1.0	1		03/31/21 13:47	75-25-2	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/31/21 13:47	98-82-8	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 13:47	79-34-5	
Bromobenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	108-86-1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/31/21 13:47	96-18-4	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	103-65-1	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 13:47	95-49-8	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	108-67-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 13:47	106-43-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	95-63-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	135-98-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: MW-41-20210329		Lab ID: 70167208003	Collected: 03/29/21 14:35	Received: 03/29/21 15:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/31/21 13:47	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/31/21 13:47	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/31/21 13:47	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		03/31/21 13:47	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		03/31/21 13:47	75-15-0	
Acetone	<5.0	ug/L	5.0	1		03/31/21 13:47	67-64-1	IC
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/31/21 13:47	108-10-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/31/21 13:47	110-57-6	v3
Ethanol	<250	ug/L	250	1		03/31/21 13:47	64-17-5	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 13:47	75-45-6	N3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/31/21 13:47	95-93-2	N3
Surrogates								
1,2-Dichloroethane-d4 (S)	86	%	70-123	1		03/31/21 13:47	17060-07-0	
4-Bromofluorobenzene (S)	93	%	66-119	1		03/31/21 13:47	460-00-4	
Toluene-d8 (S)	92	%	82-121	1		03/31/21 13:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: TB-20210329		Lab ID: 70167208004	Collected: 03/29/21 00:00	Received: 03/29/21 15:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 12:29	75-71-8	
Chloromethane	<1.0	ug/L	1.0	1		03/31/21 12:29	74-87-3	
Vinyl chloride	<1.0	ug/L	1.0	1		03/31/21 12:29	75-01-4	
Chloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	75-00-3	v3
Bromomethane	<1.0	ug/L	1.0	1		03/31/21 12:29	74-83-9	
Methylene Chloride	<1.0	ug/L	1.0	1		03/31/21 12:29	75-09-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/31/21 12:29	75-35-4	v3
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/31/21 12:29	156-60-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	75-34-3	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 12:29	594-20-7	v3
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/31/21 12:29	156-59-2	
Chloroform	<1.0	ug/L	1.0	1		03/31/21 12:29	67-66-3	
Bromochloromethane	<1.0	ug/L	1.0	1		03/31/21 12:29	74-97-5	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	71-55-6	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/31/21 12:29	56-23-5	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 12:29	563-58-6	
Benzene	<1.0	ug/L	1.0	1		03/31/21 12:29	71-43-2	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	107-06-2	
Trichloroethene	<1.0	ug/L	1.0	1		03/31/21 12:29	79-01-6	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 12:29	78-87-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/31/21 12:29	75-27-4	
Dibromomethane	<1.0	ug/L	1.0	1		03/31/21 12:29	74-95-3	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 12:29	10061-02-6	
Toluene	<1.0	ug/L	1.0	1		03/31/21 12:29	108-88-3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/31/21 12:29	10061-01-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	79-00-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/31/21 12:29	127-18-4	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/31/21 12:29	142-28-9	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/31/21 12:29	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/31/21 12:29	106-93-4	
Chlorobenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	108-90-7	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	630-20-6	
Ethylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	100-41-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/31/21 12:29	1330-20-7	
Styrene	<1.0	ug/L	1.0	1		03/31/21 12:29	100-42-5	
Bromoform	<1.0	ug/L	1.0	1		03/31/21 12:29	75-25-2	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/31/21 12:29	98-82-8	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/31/21 12:29	79-34-5	
Bromobenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	108-86-1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/31/21 12:29	96-18-4	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	103-65-1	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 12:29	95-49-8	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	108-67-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/31/21 12:29	106-43-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	95-63-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	135-98-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Sample: TB-20210329		Lab ID: 70167208004		Collected: 03/29/21 00:00		Received: 03/29/21 15:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/31/21 12:29	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/31/21 12:29	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/31/21 12:29	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		03/31/21 12:29	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		03/31/21 12:29	75-15-0		
Acetone	<5.0	ug/L	5.0	1		03/31/21 12:29	67-64-1	IC	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/31/21 12:29	108-10-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/31/21 12:29	110-57-6	v3	
Ethanol	<250	ug/L	250	1		03/31/21 12:29	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/31/21 12:29	75-45-6	N3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/31/21 12:29	95-93-2	N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	85	%	70-123	1		03/31/21 12:29	17060-07-0		
4-Bromofluorobenzene (S)	94	%	66-119	1		03/31/21 12:29	460-00-4		
Toluene-d8 (S)	93	%	82-121	1		03/31/21 12:29	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

QC Batch:	202251	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70167208001, 70167208002, 70167208003, 70167208004

METHOD BLANK: 995865

Matrix: Water

Associated Lab Samples: 70167208001, 70167208002, 70167208003, 70167208004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/31/21 10:58	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/31/21 10:58	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/31/21 10:58	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/31/21 10:58	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/31/21 10:58	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/31/21 10:58	v3
1,1-Dichloropropene	ug/L	<1.0	1.0	03/31/21 10:58	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/31/21 10:58	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/31/21 10:58	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/31/21 10:58	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/31/21 10:58	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/31/21 10:58	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/31/21 10:58	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/31/21 10:58	
1,4-Diethylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	03/31/21 10:58	v3
2-Butanone (MEK)	ug/L	<5.0	5.0	03/31/21 10:58	IL,v3
2-Chlorotoluene	ug/L	<1.0	1.0	03/31/21 10:58	
2-Hexanone	ug/L	<5.0	5.0	03/31/21 10:58	
4-Chlorotoluene	ug/L	<1.0	1.0	03/31/21 10:58	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/31/21 10:58	
Acetone	ug/L	<5.0	5.0	03/31/21 10:58	IC
Benzene	ug/L	<1.0	1.0	03/31/21 10:58	
Bromobenzene	ug/L	<1.0	1.0	03/31/21 10:58	
Bromochloromethane	ug/L	<1.0	1.0	03/31/21 10:58	
Bromodichloromethane	ug/L	<1.0	1.0	03/31/21 10:58	
Bromoform	ug/L	<1.0	1.0	03/31/21 10:58	
Bromomethane	ug/L	<1.0	1.0	03/31/21 10:58	
Carbon disulfide	ug/L	<1.0	1.0	03/31/21 10:58	
Carbon tetrachloride	ug/L	<1.0	1.0	03/31/21 10:58	
Chlorobenzene	ug/L	<1.0	1.0	03/31/21 10:58	
Chlorodifluoromethane	ug/L	<1.0	1.0	03/31/21 10:58	N3
Chloroethane	ug/L	<1.0	1.0	03/31/21 10:58	v3
Chloroform	ug/L	<1.0	1.0	03/31/21 10:58	
Chloromethane	ug/L	<1.0	1.0	03/31/21 10:58	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/31/21 10:58	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/31/21 10:58	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

METHOD BLANK: 995865

Matrix: Water

Associated Lab Samples: 70167208001, 70167208002, 70167208003, 70167208004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	03/31/21 10:58	
Dibromomethane	ug/L	<1.0	1.0	03/31/21 10:58	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/31/21 10:58	
Ethanol	ug/L	<250	250	03/31/21 10:58	
Ethylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/31/21 10:58	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/31/21 10:58	
Methylene Chloride	ug/L	<1.0	1.0	03/31/21 10:58	
n-Butylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
n-Propylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/31/21 10:58	
sec-Butylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
Styrene	ug/L	<1.0	1.0	03/31/21 10:58	
tert-Butylbenzene	ug/L	<1.0	1.0	03/31/21 10:58	
Tetrachloroethene	ug/L	<1.0	1.0	03/31/21 10:58	
Toluene	ug/L	<1.0	1.0	03/31/21 10:58	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/31/21 10:58	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/31/21 10:58	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	03/31/21 10:58	v3
Trichloroethene	ug/L	<1.0	1.0	03/31/21 10:58	
Vinyl chloride	ug/L	<1.0	1.0	03/31/21 10:58	
Xylene (Total)	ug/L	<3.0	3.0	03/31/21 10:58	
1,2-Dichloroethane-d4 (S)	%	86	70-123	03/31/21 10:58	
4-Bromofluorobenzene (S)	%	93	66-119	03/31/21 10:58	
Toluene-d8 (S)	%	91	82-121	03/31/21 10:58	

LABORATORY CONTROL SAMPLE: 995866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	66-133	
1,1,1-Trichloroethane	ug/L	50	41.5	83	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	51.8	104	75-122	
1,1,2-Trichloroethane	ug/L	50	52.7	105	80-122	
1,1-Dichloroethane	ug/L	50	47.6	95	68-127	
1,1-Dichloroethene	ug/L	50	32.9	66	65-123	v3
1,1-Dichloropropene	ug/L	50	48.4	97	74-115	
1,2,3-Trichlorobenzene	ug/L	50	50.9	102	53-123	
1,2,3-Trichloropropane	ug/L	50	49.9	100	63-123	
1,2,4,5-tetramethylbenzene	ug/L	50	43.3	87	63-122	N3
1,2,4-Trimethylbenzene	ug/L	50	45.4	91	72-117	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	74-125	
1,2-Dichloroethane	ug/L	50	44.5	89	73-128	
1,2-Dichloropropane	ug/L	50	53.2	106	79-117	
1,3,5-Trimethylbenzene	ug/L	50	44.7	89	69-117	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

LABORATORY CONTROL SAMPLE: 995866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.1	98	73-120	
1,3-Dichloropropane	ug/L	50	53.3	107	76-125	
1,4-Diethylbenzene	ug/L	50	44.1	88	65-124	N3
2,2-Dichloropropane	ug/L	50	29.0	58	46-134	v3
2-Butanone (MEK)	ug/L	50	35.0	70	28-169	IL,v3
2-Chlorotoluene	ug/L	50	44.7	89	67-121	
2-Hexanone	ug/L	50	57.7	115	59-138	
4-Chlorotoluene	ug/L	50	44.2	88	68-121	
4-Methyl-2-pentanone (MIBK)	ug/L	50	61.7	123	70-129	v1
Acetone	ug/L	50	59.5	119	10-225	IC,v1
Benzene	ug/L	50	51.8	104	73-121	
Bromobenzene	ug/L	50	47.8	96	70-120	
Bromochloromethane	ug/L	50	46.7	93	75-130	
Bromodichloromethane	ug/L	50	48.2	96	74-127	
Bromoform	ug/L	50	61.1	122	55-128	v1
Bromomethane	ug/L	50	58.2	116	12-176	IH
Carbon disulfide	ug/L	50	45.6	91	57-129	
Carbon tetrachloride	ug/L	50	47.5	95	64-122	
Chlorobenzene	ug/L	50	50.3	101	76-117	
Chlorodifluoromethane	ug/L	50	47.4	95	42-122	N3
Chloroethane	ug/L	50	38.0	76	60-129	v3
Chloroform	ug/L	50	45.4	91	74-129	
Chloromethane	ug/L	50	55.7	111	43-126	
cis-1,2-Dichloroethene	ug/L	50	47.3	95	72-127	
cis-1,3-Dichloropropene	ug/L	50	46.2	92	65-134	
Dibromochloromethane	ug/L	50	51.6	103	71-130	
Dibromomethane	ug/L	50	50.1	100	76-119	
Dichlorodifluoromethane	ug/L	50	38.8	78	14-130	
Ethanol	ug/L	1250	949	76	26-186	
Ethylbenzene	ug/L	50	48.4	97	70-120	
Hexachloro-1,3-butadiene	ug/L	50	53.6	107	45-136	
Isopropylbenzene (Cumene)	ug/L	50	44.5	89	70-116	
Methylene Chloride	ug/L	50	48.5	97	69-126	
n-Butylbenzene	ug/L	50	42.6	85	66-126	
n-Propylbenzene	ug/L	50	44.2	88	69-119	
p-Isopropyltoluene	ug/L	50	43.8	88	70-121	
sec-Butylbenzene	ug/L	50	43.3	87	68-120	
Styrene	ug/L	50	49.9	100	80-121	
tert-Butylbenzene	ug/L	50	43.3	87	72-115	
Tetrachloroethene	ug/L	50	50.1	100	65-120	
Toluene	ug/L	50	50.3	101	77-120	
trans-1,2-Dichloroethene	ug/L	50	47.2	94	71-125	
trans-1,3-Dichloropropene	ug/L	50	42.5	85	54-139	
trans-1,4-Dichloro-2-butene	ug/L	50	41.9	84	46-133	v3
Trichloroethene	ug/L	50	47.7	95	73-116	
Vinyl chloride	ug/L	50	56.1	112	50-130	IH
Xylene (Total)	ug/L	150	145	97	73-120	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

LABORATORY CONTROL SAMPLE: 995866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			86	70-123	
4-Bromofluorobenzene (S)	%			94	66-119	
Toluene-d8 (S)	%			95	82-121	

MATRIX SPIKE SAMPLE: 996565

Parameter	Units	70166858008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	45.6	91	60-127	
1,1,1-Trichloroethane	ug/L	<1.0	50	41.7	83	60-127	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	52.2	104	74-118	
1,1,2-Trichloroethane	ug/L	<1.0	50	51.6	103	80-120	
1,1-Dichloroethane	ug/L	<1.0	50	47.3	95	69-131	
1,1-Dichloroethene	ug/L	<1.0	50	33.7	67	70-129	M1,v3
1,1-Dichloropropene	ug/L	<1.0	50	51.6	103	78-118	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	52.3	105	48-128	
1,2,3-Trichloropropane	ug/L	<1.0	50	48.5	97	60-120	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	43.4	87	60-125	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	44.8	90	66-122	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	49.1	98	67-128	
1,2-Dichloroethane	ug/L	<1.0	50	42.6	85	70-129	
1,2-Dichloropropane	ug/L	<1.0	50	50.8	102	77-118	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	45.1	90	67-119	
1,3-Dichlorobenzene	ug/L	<1.0	50	47.3	95	72-121	
1,3-Dichloropropane	ug/L	<1.0	50	50.4	101	75-117	
1,4-Diethylbenzene	ug/L	<1.0	50	45.6	91	68-123	N3
2,2-Dichloropropane	ug/L	<1.0	50	27.8	56	38-132	v3
2-Butanone (MEK)	ug/L	<5.0	50	34.0	68	15-159	IL,v3
2-Chlorotoluene	ug/L	<1.0	50	43.8	88	68-117	
2-Hexanone	ug/L	<5.0	50	58.8	118	60-127	
4-Chlorotoluene	ug/L	<1.0	50	43.6	87	66-121	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	64.0	128	66-129	v1
Acetone	ug/L	<5.0	50	49.0	98	10-189	IC,v1
Benzene	ug/L	<1.0	50	51.8	104	74-126	
Bromobenzene	ug/L	<1.0	50	47.1	94	66-122	
Bromochloromethane	ug/L	<1.0	50	41.5	83	69-132	
Bromodichloromethane	ug/L	<1.0	50	46.2	92	71-125	
Bromoform	ug/L	<1.0	50	57.6	115	40-128	v1
Bromomethane	ug/L	<1.0	50	37.1	74	10-179	IH
Carbon disulfide	ug/L	<1.0	50	45.0	90	60-131	
Carbon tetrachloride	ug/L	<1.0	50	48.9	98	64-125	
Chlorobenzene	ug/L	<1.0	50	48.1	96	72-121	
Chlorodifluoromethane	ug/L	<1.0	50	46.5	93	44-123	N3
Chloroethane	ug/L	<1.0	50	35.8	72	54-137	v3
Chloroform	ug/L	<1.0	50	44.1	88	73-128	
Chloromethane	ug/L	<1.0	50	47.4	95	45-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

MATRIX SPIKE SAMPLE: 996565		70166858008	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	50	47.5	95	72-129	
cis-1,3-Dichloropropene	ug/L	<1.0	50	43.7	87	57-130	
Dibromochloromethane	ug/L	<1.0	50	49.8	100	59-132	
Dibromomethane	ug/L	<1.0	50	48.0	96	69-122	
Dichlorodifluoromethane	ug/L	<1.0	50	29.5	59	10-131	
Ethanol	ug/L	<250	1250	966	77	10-183	
Ethylbenzene	ug/L	<1.0	50	47.8	96	67-126	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	56.4	113	30-144	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	45.1	90	66-120	
Methylene Chloride	ug/L	<1.0	50	47.3	95	65-129	
n-Butylbenzene	ug/L	<1.0	50	44.5	89	65-129	
n-Propylbenzene	ug/L	<1.0	50	45.0	90	62-127	
p-Isopropyltoluene	ug/L	<1.0	50	44.7	89	66-125	
sec-Butylbenzene	ug/L	<1.0	50	45.5	91	66-127	
Styrene	ug/L	<1.0	50	47.7	95	74-121	
tert-Butylbenzene	ug/L	<1.0	50	45.0	90	68-121	
Tetrachloroethene	ug/L	<1.0	50	51.9	104	59-131	
Toluene	ug/L	<1.0	50	50.8	102	76-124	
trans-1,2-Dichloroethene	ug/L	<1.0	50	47.8	96	74-129	
trans-1,3-Dichloropropene	ug/L	<1.0	50	39.0	78	42-140	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	37.4	75	10-144	v3
Trichloroethene	ug/L	<1.0	50	49.0	98	78-119	
Vinyl chloride	ug/L	<1.0	50	52.6	105	45-141	IH
Xylene (Total)	ug/L	<3.0	150	144	96	69-125	
1,2-Dichloroethane-d4 (S)	%				86	70-123	
4-Bromofluorobenzene (S)	%				93	66-119	
Toluene-d8 (S)	%				93	82-121	

SAMPLE DUPLICATE: 996564

Parameter	Units	70166858004	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		v3
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

SAMPLE DUPLICATE: 996564

Parameter	Units	70166858004 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		v3
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL, v3
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		IC
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		v3
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	15.9	13.1	19	
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		v3
Trichloroethene	ug/L	35.5	13.2	92	D6
Vinyl chloride	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

SAMPLE DUPLICATE: 996564

Parameter	Units	70166858004 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	86	87		
4-Bromofluorobenzene (S)	%	94	95		
Toluene-d8 (S)	%	92	92		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

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.

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.

SAMPLE QUALIFIERS

Sample: 70167208001

- [1] Samples were received outside of the recommended temperature range of 0-6 degrees Celsius. The samples were received from the field on ice, indicating the cooldown process had begun.

Sample: 70167208002

- [1] Samples were received outside of the recommended temperature range of 0-6 degrees Celsius. The samples were received from the field on ice, indicating the cooldown process had begun.

Sample: 70167208003

- [1] Samples were received outside of the recommended temperature range of 0-6 degrees Celsius. The samples were received from the field on ice, indicating the cooldown process had begun.

Sample: 70167208004

- [1] Samples were received outside of the recommended temperature range of 0-6 degrees Celsius. The samples were received from the field on ice, indicating the cooldown process had begun.

ANALYTE QUALIFIERS

- D6 The precision between the sample and sample duplicate exceeded laboratory control limits.
- IC The initial calibration for this compound was outside of method control limits. The result is estimated.
- IH This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
- IL This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

ANALYTE QUALIFIERS

v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIRCHILD ANNUAL 3/29

Pace Project No.: 70167208

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70167208001	MW-49D-20210329	EPA 8260C/5030C	202251		
70167208002	MW-49I-20210329	EPA 8260C/5030C	202251		
70167208003	MW-41-20210329	EPA 8260C/5030C	202251		
70167208004	TB-20210329	EPA 8260C/5030C	202251		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

WO#: 70167208



70167208

[illegible]



Sample Condition Upon Receipt

Client Name: _____

Project: _____

WO#: 70167208

PM: KMM

Due Date: 04/07/21

CLIENT: FAIR

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

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: (TH091) Correction Factor: +0.0

Cooler Temperature(°C): 6.8 Cooler Temperature Corrected(°C): 6.8

Temp should be above freezing to 6.0°C

USDA Regulated Soil ☒ N/A, water sampleTemperature Blank Present: ☐ Yes ☒ No

Type of Ice: (Wet) Blue None

☒ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Date and Initials of person examining contents: MS 3/29/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ NoDid samples originate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No		6.
Rush Turn Around Time Requested:	☐ Yes	☒ No		7.
Sufficient Volume: (Triple volume provided for)	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID, Matrix: SL WT OIL				
All containers needing preservation have been checked?	☐ Yes	☐ No	☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation?				
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes	☐ No	☒ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).				Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐ Yes	☐ No	☒ N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐ Yes	☐ No	☒ N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No	☐ N/A	16.
Trip Blank Present:	☒ Yes	☐ No	☐ N/A	17.
Trip Blank Custody Seals Present	☒ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: _____

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

April 08, 2021

Daniel St. Germaine
HDR
1 International Blvd.
Mahwah, NJ 07495

RE: Project: FAIRCHILD ANNUAL 3/30
Pace Project No.: 70167344

Dear Daniel Germaine:

Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Jason Fellows, Wire to Water Electrical Contractors
Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Pace Analytical Services Long Island

Delaware Certification # NY10478

Virginia Certification # 460302

Delaware Certification # NY10478

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: MW-461-20210330		Lab ID: 70167344001		Collected: 03/30/21 10:10		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 15:58	75-71-8	v3	
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 15:58	74-87-3		
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 15:58	75-01-4		
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	75-00-3	v3	
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 15:58	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 15:58	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:58	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:58	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:58	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:58	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 15:58	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 15:58	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 15:58	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 15:58	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 15:58	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	107-06-2		
Trichloroethene	16.8	ug/L	1.0	1		04/02/21 15:58	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:58	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 15:58	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 15:58	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 15:58	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 15:58	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 15:58	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	79-00-5		
Tetrachloroethene	1.9	ug/L	1.0	1		04/02/21 15:58	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:58	142-28-9	D6	
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 15:58	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 15:58	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 15:58	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 15:58	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 15:58	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 15:58	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 15:58	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:58	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 15:58	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 15:58	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: MW-461-20210330		Lab ID: 70167344001	Collected: 03/30/21 10:10	Received: 03/30/21 16:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 15:58	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 15:58	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 15:58	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 15:58	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 15:58	75-15-0	
Acetone	<5.0	ug/L	5.0	1		04/02/21 15:58	67-64-1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 15:58	108-10-1	L2,v3
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 15:58	110-57-6	
Ethanol	<250	ug/L	250	1		04/02/21 15:58	64-17-5	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 15:58	75-45-6	N3,v3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:58	95-93-2	L1,N3
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-123	1		04/02/21 15:58	17060-07-0	
4-Bromofluorobenzene (S)	118	%	66-119	1		04/02/21 15:58	460-00-4	
Toluene-d8 (S)	93	%	82-121	1		04/02/21 15:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: BD01-20210330		Lab ID: 70167344002		Collected: 03/30/21 11:00		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 16:18	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 16:18	74-87-3	v3	
Vinyl chloride	1.4	ug/L	1.0	1		04/02/21 16:18	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 16:18	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 16:18	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 16:18	75-09-2		
1,1-Dichloroethene	6.5	ug/L	1.0	1		04/02/21 16:18	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 16:18	156-60-5		
1,1-Dichloroethane	7.0	ug/L	1.0	1		04/02/21 16:18	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:18	594-20-7		
cis-1,2-Dichloroethene	74.3	ug/L	1.0	1		04/02/21 16:18	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 16:18	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 16:18	74-97-5		
1,1,1-Trichloroethane	2.2	ug/L	1.0	1		04/02/21 16:18	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 16:18	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:18	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 16:18	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:18	107-06-2		
Trichloroethene	59.3	ug/L	1.0	1		04/02/21 16:18	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:18	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 16:18	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 16:18	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:18	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 16:18	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:18	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:18	79-00-5		
Tetrachloroethene	42.4	ug/L	1.0	1		04/02/21 16:18	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:18	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 16:18	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 16:18	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 16:18	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 16:18	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 16:18	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 16:18	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 16:18	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 16:18	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:18	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 16:18	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 16:18	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: BD01-20210330		Lab ID: 70167344002		Collected: 03/30/21 11:00		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 16:18	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 16:18	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 16:18	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 16:18	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 16:18	75-15-0		
Acetone	<5.0	ug/L	5.0	1		04/02/21 16:18	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 16:18	108-10-1	L2,M0,v3	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 16:18	110-57-6		
Ethanol	<250	ug/L	250	1		04/02/21 16:18	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 16:18	75-45-6	N3,v3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:18	95-93-2	L1,M0,N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-123	1		04/02/21 16:18	17060-07-0		
4-Bromofluorobenzene (S)	109	%	66-119	1		04/02/21 16:18	460-00-4		
Toluene-d8 (S)	111	%	82-121	1		04/02/21 16:18	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: MW-371-20210330		Lab ID: 70167344003		Collected: 03/30/21 13:15		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 16:39	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 16:39	74-87-3	v3	
Vinyl chloride	1.5	ug/L	1.0	1		04/02/21 16:39	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 16:39	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 16:39	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 16:39	75-09-2		
1,1-Dichloroethene	6.5	ug/L	1.0	1		04/02/21 16:39	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 16:39	156-60-5		
1,1-Dichloroethane	7.0	ug/L	1.0	1		04/02/21 16:39	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:39	594-20-7		
cis-1,2-Dichloroethene	76.4	ug/L	1.0	1		04/02/21 16:39	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 16:39	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 16:39	74-97-5		
1,1,1-Trichloroethane	2.3	ug/L	1.0	1		04/02/21 16:39	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 16:39	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:39	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 16:39	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:39	107-06-2		
Trichloroethene	60.4	ug/L	1.0	1		04/02/21 16:39	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:39	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 16:39	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 16:39	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:39	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 16:39	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:39	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:39	79-00-5		
Tetrachloroethene	43.8	ug/L	1.0	1		04/02/21 16:39	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:39	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 16:39	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 16:39	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 16:39	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 16:39	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 16:39	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 16:39	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 16:39	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 16:39	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:39	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 16:39	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 16:39	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: MW-37I-20210330		Lab ID: 70167344003	Collected: 03/30/21 13:15	Received: 03/30/21 16:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 16:39	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 16:39	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 16:39	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 16:39	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 16:39	75-15-0	
Acetone	<5.0	ug/L	5.0	1		04/02/21 16:39	67-64-1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 16:39	108-10-1	L2,v3
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 16:39	110-57-6	
Ethanol	<250	ug/L	250	1		04/02/21 16:39	64-17-5	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 16:39	75-45-6	N3,v3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:39	95-93-2	L1,N3
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-123	1		04/02/21 16:39	17060-07-0	
4-Bromofluorobenzene (S)	109	%	66-119	1		04/02/21 16:39	460-00-4	
Toluene-d8 (S)	112	%	82-121	1		04/02/21 16:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: MW-431-20210330		Lab ID: 70167344004		Collected: 03/30/21 15:05		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 16:59	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 16:59	74-87-3	v3	
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 16:59	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 16:59	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 16:59	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 16:59	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 16:59	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:59	594-20-7		
cis-1,2-Dichloroethene	6.0	ug/L	1.0	1		04/02/21 16:59	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 16:59	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 16:59	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 16:59	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:59	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 16:59	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	107-06-2		
Trichloroethene	46.4	ug/L	1.0	1		04/02/21 16:59	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:59	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 16:59	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 16:59	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:59	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 16:59	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 16:59	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	79-00-5		
Tetrachloroethene	3.3	ug/L	1.0	1		04/02/21 16:59	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:59	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 16:59	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 16:59	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 16:59	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 16:59	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 16:59	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 16:59	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 16:59	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 16:59	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 16:59	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 16:59	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: MW-43I-20210330		Lab ID: 70167344004		Collected: 03/30/21 15:05		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 16:59	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 16:59	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 16:59	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 16:59	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 16:59	75-15-0		
Acetone	<5.0	ug/L	5.0	1		04/02/21 16:59	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 16:59	108-10-1	L2,v3	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 16:59	110-57-6		
Ethanol	<250	ug/L	250	1		04/02/21 16:59	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 16:59	75-45-6	N3,v3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 16:59	95-93-2	L1,N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-123	1		04/02/21 16:59	17060-07-0		
4-Bromofluorobenzene (S)	109	%	66-119	1		04/02/21 16:59	460-00-4		
Toluene-d8 (S)	112	%	82-121	1		04/02/21 16:59	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: TB-20210330		Lab ID: 70167344005		Collected: 03/30/21 00:00		Received: 03/30/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/05/21 23:07	75-71-8	v3	
Chloromethane	<1.0	ug/L	1.0	1		04/05/21 23:07	74-87-3		
Vinyl chloride	<1.0	ug/L	1.0	1		04/05/21 23:07	75-01-4		
Chloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/05/21 23:07	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/05/21 23:07	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/05/21 23:07	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/05/21 23:07	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/05/21 23:07	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/05/21 23:07	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/05/21 23:07	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/05/21 23:07	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/05/21 23:07	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/05/21 23:07	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/05/21 23:07	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	107-06-2		
Trichloroethene	<1.0	ug/L	1.0	1		04/05/21 23:07	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/05/21 23:07	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/05/21 23:07	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/05/21 23:07	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/05/21 23:07	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/05/21 23:07	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/05/21 23:07	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	79-00-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/05/21 23:07	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/05/21 23:07	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/05/21 23:07	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/05/21 23:07	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/05/21 23:07	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/05/21 23:07	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/05/21 23:07	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/05/21 23:07	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/05/21 23:07	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/05/21 23:07	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/05/21 23:07	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/05/21 23:07	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Sample: TB-20210330		Lab ID: 70167344005	Collected: 03/30/21 00:00	Received: 03/30/21 16:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/05/21 23:07	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/05/21 23:07	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/05/21 23:07	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		04/05/21 23:07	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		04/05/21 23:07	75-15-0	
Acetone	<5.0	ug/L	5.0	1		04/05/21 23:07	67-64-1	IC
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/05/21 23:07	108-10-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/05/21 23:07	110-57-6	v3
Ethanol	<250	ug/L	250	1		04/05/21 23:07	64-17-5	v3
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/05/21 23:07	75-45-6	N3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/05/21 23:07	95-93-2	N3
Surrogates								
1,2-Dichloroethane-d4 (S)	84	%	70-123	1		04/05/21 23:07	17060-07-0	
4-Bromofluorobenzene (S)	95	%	66-119	1		04/05/21 23:07	460-00-4	
Toluene-d8 (S)	90	%	82-121	1		04/05/21 23:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

QC Batch:	202553	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70167344001, 70167344002, 70167344003, 70167344004

METHOD BLANK: 997741

Matrix: Water

Associated Lab Samples: 70167344001, 70167344002, 70167344003, 70167344004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1-Dichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1-Dichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
1,1-Dichloropropene	ug/L	<1.0	1.0	04/02/21 12:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	04/02/21 12:45	
1,2-Dichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,2-Dichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,3-Dichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
1,4-Diethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
2-Butanone (MEK)	ug/L	<5.0	5.0	04/02/21 12:45	IL,v3
2-Chlorotoluene	ug/L	<1.0	1.0	04/02/21 12:45	
2-Hexanone	ug/L	<5.0	5.0	04/02/21 12:45	
4-Chlorotoluene	ug/L	<1.0	1.0	04/02/21 12:45	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	04/02/21 12:45	v3
Acetone	ug/L	<5.0	5.0	04/02/21 12:45	
Benzene	ug/L	<1.0	1.0	04/02/21 12:45	
Bromobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Bromochloromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Bromodichloromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Bromoform	ug/L	<1.0	1.0	04/02/21 12:45	
Bromomethane	ug/L	<1.0	1.0	04/02/21 12:45	
Carbon disulfide	ug/L	<1.0	1.0	04/02/21 12:45	
Carbon tetrachloride	ug/L	<1.0	1.0	04/02/21 12:45	
Chlorobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Chlorodifluoromethane	ug/L	<1.0	1.0	04/02/21 12:45	N3,v3
Chloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
Chloroform	ug/L	<1.0	1.0	04/02/21 12:45	
Chloromethane	ug/L	<1.0	1.0	04/02/21 12:45	v3
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	04/02/21 12:45	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

METHOD BLANK: 997741

Matrix: Water

Associated Lab Samples: 70167344001, 70167344002, 70167344003, 70167344004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Dibromomethane	ug/L	<1.0	1.0	04/02/21 12:45	
Dichlorodifluoromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Ethanol	ug/L	<250	250	04/02/21 12:45	
Ethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	04/02/21 12:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	04/02/21 12:45	
Methylene Chloride	ug/L	<1.0	1.0	04/02/21 12:45	
n-Butylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
n-Propylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
p-Isopropyltoluene	ug/L	<1.0	1.0	04/02/21 12:45	
sec-Butylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Styrene	ug/L	<1.0	1.0	04/02/21 12:45	
tert-Butylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Tetrachloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
Toluene	ug/L	<1.0	1.0	04/02/21 12:45	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	04/02/21 12:45	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	04/02/21 12:45	
Trichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
Vinyl chloride	ug/L	<1.0	1.0	04/02/21 12:45	v3
Xylene (Total)	ug/L	<3.0	3.0	04/02/21 12:45	
1,2-Dichloroethane-d4 (S)	%	96	70-123	04/02/21 12:45	
4-Bromofluorobenzene (S)	%	110	66-119	04/02/21 12:45	
Toluene-d8 (S)	%	108	82-121	04/02/21 12:45	

LABORATORY CONTROL SAMPLE: 997742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.0	106	66-133	
1,1,1-Trichloroethane	ug/L	50	47.0	94	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	75-122	
1,1,2-Trichloroethane	ug/L	50	47.0	94	80-122	
1,1-Dichloroethane	ug/L	50	45.1	90	68-127	
1,1-Dichloroethene	ug/L	50	50.1	100	65-123	
1,1-Dichloropropene	ug/L	50	44.9	90	74-115	
1,2,3-Trichlorobenzene	ug/L	50	50.7	101	53-123	
1,2,3-Trichloropropane	ug/L	50	47.9	96	63-123	
1,2,4,5-tetramethylbenzene	ug/L	50	70.2	140	63-122	L1,N3,v1
1,2,4-Trimethylbenzene	ug/L	50	52.9	106	72-117	
1,2-Dibromoethane (EDB)	ug/L	50	50.9	102	74-125	
1,2-Dichloroethane	ug/L	50	44.2	88	73-128	
1,2-Dichloropropane	ug/L	50	40.1	80	79-117	
1,3,5-Trimethylbenzene	ug/L	50	51.1	102	69-117	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

LABORATORY CONTROL SAMPLE: 997742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	54.1	108	73-120	
1,3-Dichloropropane	ug/L	50	47.9	96	76-125	
1,4-Diethylbenzene	ug/L	50	58.8	118	65-124	N3
2,2-Dichloropropane	ug/L	50	47.4	95	46-134	
2-Butanone (MEK)	ug/L	50	32.3	65	28-169	IL,v3
2-Chlorotoluene	ug/L	50	49.3	99	67-121	
2-Hexanone	ug/L	50	34.4	69	59-138	
4-Chlorotoluene	ug/L	50	48.6	97	68-121	
4-Methyl-2-pentanone (MIBK)	ug/L	50	34.7	69	70-129	L2,v3
Acetone	ug/L	50	37.5	75	10-225	v1
Benzene	ug/L	50	42.9	86	73-121	
Bromobenzene	ug/L	50	49.3	99	70-120	
Bromochloromethane	ug/L	50	52.6	105	75-130	
Bromodichloromethane	ug/L	50	44.2	88	74-127	
Bromoform	ug/L	50	48.4	97	55-128	
Bromomethane	ug/L	50	74.6	149	12-176	v1
Carbon disulfide	ug/L	50	47.1	94	57-129	
Carbon tetrachloride	ug/L	50	46.4	93	64-122	
Chlorobenzene	ug/L	50	54.9	110	76-117	
Chlorodifluoromethane	ug/L	50	33.3	67	42-122	N3,v3
Chloroethane	ug/L	50	42.2	84	60-129	
Chloroform	ug/L	50	47.2	94	74-129	
Chloromethane	ug/L	50	36.5	73	43-126	v3
cis-1,2-Dichloroethene	ug/L	50	49.2	98	72-127	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	65-134	
Dibromochloromethane	ug/L	50	51.3	103	71-130	
Dibromomethane	ug/L	50	49.0	98	76-119	
Dichlorodifluoromethane	ug/L	50	39.1	78	14-130	
Ethanol	ug/L	1250	1760	141	26-186	
Ethylbenzene	ug/L	50	54.5	109	70-120	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	45-136	
Isopropylbenzene (Cumene)	ug/L	50	50.6	101	70-116	
Methylene Chloride	ug/L	50	46.2	92	69-126	
n-Butylbenzene	ug/L	50	57.4	115	66-126	
n-Propylbenzene	ug/L	50	51.5	103	69-119	
p-Isopropyltoluene	ug/L	50	56.9	114	70-121	
sec-Butylbenzene	ug/L	50	55.6	111	68-120	
Styrene	ug/L	50	54.4	109	80-121	
tert-Butylbenzene	ug/L	50	53.1	106	72-115	
Tetrachloroethene	ug/L	50	48.9	98	65-120	
Toluene	ug/L	50	48.2	96	77-120	
trans-1,2-Dichloroethene	ug/L	50	53.1	106	71-125	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	54-139	
trans-1,4-Dichloro-2-butene	ug/L	50	42.7	85	46-133	
Trichloroethene	ug/L	50	47.2	94	73-116	
Vinyl chloride	ug/L	50	39.7	79	50-130	v3
Xylene (Total)	ug/L	150	164	109	73-120	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

LABORATORY CONTROL SAMPLE: 997742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			92	70-123	
4-Bromofluorobenzene (S)	%			110	66-119	
Toluene-d8 (S)	%			110	82-121	

MATRIX SPIKE SAMPLE: 998856

Parameter	Units	70167344002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	54.3	109	60-127	
1,1,1-Trichloroethane	ug/L	2.2	50	48.6	93	60-127	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	44.0	88	74-118	
1,1,2-Trichloroethane	ug/L	<1.0	50	45.5	91	80-120	
1,1-Dichloroethane	ug/L	7.0	50	50.9	88	69-131	
1,1-Dichloroethene	ug/L	6.5	50	54.2	95	70-129	
1,1-Dichloropropene	ug/L	<1.0	50	44.2	88	78-118	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	47.8	96	48-128	
1,2,3-Trichloropropane	ug/L	<1.0	50	46.9	94	60-120	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	70.1	140	60-125	M0,N3,v1
1,2,4-Trimethylbenzene	ug/L	<1.0	50	53.9	108	66-122	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50.0	100	67-128	
1,2-Dichloroethane	ug/L	<1.0	50	44.8	90	70-129	
1,2-Dichloropropane	ug/L	<1.0	50	40.3	81	77-118	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	52.0	104	67-119	
1,3-Dichlorobenzene	ug/L	<1.0	50	54.2	108	72-121	
1,3-Dichloropropane	ug/L	<1.0	50	48.7	97	75-117	
1,4-Diethylbenzene	ug/L	<1.0	50	59.8	120	68-123	N3
2,2-Dichloropropane	ug/L	<1.0	50	44.7	89	38-132	
2-Butanone (MEK)	ug/L	<5.0	50	29.0	58	15-159	IL,v3
2-Chlorotoluene	ug/L	<1.0	50	50.8	102	68-117	
2-Hexanone	ug/L	<5.0	50	33.3	67	60-127	
4-Chlorotoluene	ug/L	<1.0	50	49.7	99	66-121	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	31.9	64	66-129	M0,v3
Acetone	ug/L	<5.0	50	31.8	64	10-189	v1
Benzene	ug/L	<1.0	50	43.2	86	74-126	
Bromobenzene	ug/L	<1.0	50	50.1	100	66-122	
Bromochloromethane	ug/L	<1.0	50	52.9	106	69-132	
Bromodichloromethane	ug/L	<1.0	50	43.8	88	71-125	
Bromoform	ug/L	<1.0	50	47.1	94	40-128	
Bromomethane	ug/L	<1.0	50	63.2	126	10-179	v1
Carbon disulfide	ug/L	<1.0	50	42.6	85	60-131	
Carbon tetrachloride	ug/L	<1.0	50	45.6	91	64-125	
Chlorobenzene	ug/L	<1.0	50	56.8	114	72-121	
Chlorodifluoromethane	ug/L	<1.0	50	28.9	58	44-123	N3,v3
Chloroethane	ug/L	<1.0	50	38.2	76	54-137	
Chloroform	ug/L	<1.0	50	48.4	97	73-128	
Chloromethane	ug/L	<1.0	50	27.8	56	45-123	v3

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

MATRIX SPIKE SAMPLE: 998856		70167344002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	74.3	50	129	109	72-129	
cis-1,3-Dichloropropene	ug/L	<1.0	50	42.5	85	57-130	
Dibromochloromethane	ug/L	<1.0	50	51.9	104	59-132	
Dibromomethane	ug/L	<1.0	50	49.1	98	69-122	
Dichlorodifluoromethane	ug/L	<1.0	50	23.3	47	10-131	
Ethanol	ug/L	<250	1250	1480	119	10-183	
Ethylbenzene	ug/L	<1.0	50	55.9	112	67-126	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	51.4	103	30-144	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	52.4	105	66-120	
Methylene Chloride	ug/L	<1.0	50	45.4	91	65-129	
n-Butylbenzene	ug/L	<1.0	50	58.9	118	65-129	
n-Propylbenzene	ug/L	<1.0	50	53.4	107	62-127	
p-Isopropyltoluene	ug/L	<1.0	50	58.5	117	66-125	
sec-Butylbenzene	ug/L	<1.0	50	57.2	114	66-127	
Styrene	ug/L	<1.0	50	55.4	111	74-121	
tert-Butylbenzene	ug/L	<1.0	50	54.5	109	68-121	
Tetrachloroethene	ug/L	42.4	50	93.2	102	59-131	
Toluene	ug/L	<1.0	50	48.1	96	76-124	
trans-1,2-Dichloroethene	ug/L	<1.0	50	51.9	104	74-129	
trans-1,3-Dichloropropene	ug/L	<1.0	50	44.3	89	42-140	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	40.1	80	10-144	
Trichloroethene	ug/L	59.3	50	107	96	78-119	
Vinyl chloride	ug/L	1.4	50	34.1	65	45-141 v3	
Xylene (Total)	ug/L	<3.0	150	170	113	69-125	
1,2-Dichloroethane-d4 (S)	%				91	70-123	
4-Bromofluorobenzene (S)	%				109	66-119	
Toluene-d8 (S)	%				113	82-121	

SAMPLE DUPLICATE: 998855

Parameter	Units	70167344001	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

SAMPLE DUPLICATE: 998855

Parameter	Units	70167344001 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL,v3
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		v3
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3,v3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		v3
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	1.9	2.7	35	D6
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	16.8	17.1	1	
Vinyl chloride	ug/L	<1.0	<1.0		v3

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

SAMPLE DUPLICATE: 998855

Parameter	Units	70167344001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	94	93		
4-Bromofluorobenzene (S)	%	118	107		
Toluene-d8 (S)	%	93	111		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

QC Batch: 202784

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70167344005

METHOD BLANK: 999113

Matrix: Water

Associated Lab Samples: 70167344005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
1,1-Dichloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
1,1-Dichloroethene	ug/L	<1.0	1.0	04/05/21 20:26	
1,1-Dichloropropene	ug/L	<1.0	1.0	04/05/21 20:26	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	04/05/21 20:26	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	04/05/21 20:26	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	04/05/21 20:26	
1,2-Dichloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
1,2-Dichloropropane	ug/L	<1.0	1.0	04/05/21 20:26	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	04/05/21 20:26	
1,3-Dichloropropane	ug/L	<1.0	1.0	04/05/21 20:26	
1,4-Diethylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	04/05/21 20:26	v3
2-Butanone (MEK)	ug/L	<5.0	5.0	04/05/21 20:26	IL,v3
2-Chlorotoluene	ug/L	<1.0	1.0	04/05/21 20:26	
2-Hexanone	ug/L	<5.0	5.0	04/05/21 20:26	
4-Chlorotoluene	ug/L	<1.0	1.0	04/05/21 20:26	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	04/05/21 20:26	
Acetone	ug/L	<5.0	5.0	04/05/21 20:26	IC
Benzene	ug/L	<1.0	1.0	04/05/21 20:26	
Bromobenzene	ug/L	<1.0	1.0	04/05/21 20:26	
Bromochloromethane	ug/L	<1.0	1.0	04/05/21 20:26	
Bromodichloromethane	ug/L	<1.0	1.0	04/05/21 20:26	
Bromoform	ug/L	<1.0	1.0	04/05/21 20:26	
Bromomethane	ug/L	<1.0	1.0	04/05/21 20:26	
Carbon disulfide	ug/L	<1.0	1.0	04/05/21 20:26	
Carbon tetrachloride	ug/L	<1.0	1.0	04/05/21 20:26	
Chlorobenzene	ug/L	<1.0	1.0	04/05/21 20:26	
Chlorodifluoromethane	ug/L	<1.0	1.0	04/05/21 20:26	N3
Chloroethane	ug/L	<1.0	1.0	04/05/21 20:26	
Chloroform	ug/L	<1.0	1.0	04/05/21 20:26	
Chloromethane	ug/L	<1.0	1.0	04/05/21 20:26	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	04/05/21 20:26	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	04/05/21 20:26	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

METHOD BLANK: 999113

Matrix: Water

Associated Lab Samples: 70167344005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	04/05/21 20:26	
Dibromomethane	ug/L	<1.0	1.0	04/05/21 20:26	
Dichlorodifluoromethane	ug/L	<1.0	1.0	04/05/21 20:26	
Ethanol	ug/L	<250	250	04/05/21 20:26	v3
Ethylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	04/05/21 20:26	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	04/05/21 20:26	
Methylene Chloride	ug/L	<1.0	1.0	04/05/21 20:26	
n-Butylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
n-Propylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
p-Isopropyltoluene	ug/L	<1.0	1.0	04/05/21 20:26	
sec-Butylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
Styrene	ug/L	<1.0	1.0	04/05/21 20:26	
tert-Butylbenzene	ug/L	<1.0	1.0	04/05/21 20:26	
Tetrachloroethene	ug/L	<1.0	1.0	04/05/21 20:26	
Toluene	ug/L	<1.0	1.0	04/05/21 20:26	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	04/05/21 20:26	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	04/05/21 20:26	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	04/05/21 20:26	v3
Trichloroethene	ug/L	<1.0	1.0	04/05/21 20:26	
Vinyl chloride	ug/L	<1.0	1.0	04/05/21 20:26	
Xylene (Total)	ug/L	<3.0	3.0	04/05/21 20:26	
1,2-Dichloroethane-d4 (S)	%	85	70-123	04/05/21 20:26	
4-Bromofluorobenzene (S)	%	96	66-119	04/05/21 20:26	
Toluene-d8 (S)	%	91	82-121	04/05/21 20:26	

LABORATORY CONTROL SAMPLE: 999114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.9	90	66-133	
1,1,1-Trichloroethane	ug/L	50	43.2	86	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	101	75-122	
1,1,2-Trichloroethane	ug/L	50	52.6	105	80-122	
1,1-Dichloroethane	ug/L	50	48.5	97	68-127	
1,1-Dichloroethene	ug/L	50	40.4	81	65-123	
1,1-Dichloropropene	ug/L	50	51.3	103	74-115	
1,2,3-Trichlorobenzene	ug/L	50	49.2	98	53-123	
1,2,3-Trichloropropane	ug/L	50	46.5	93	63-123	
1,2,4,5-tetramethylbenzene	ug/L	50	42.2	84	63-122	N3
1,2,4-Trimethylbenzene	ug/L	50	43.4	87	72-117	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	74-125	
1,2-Dichloroethane	ug/L	50	41.9	84	73-128	
1,2-Dichloropropane	ug/L	50	51.1	102	79-117	
1,3,5-Trimethylbenzene	ug/L	50	43.1	86	69-117	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

LABORATORY CONTROL SAMPLE: 999114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	73-120	
1,3-Dichloropropane	ug/L	50	50.4	101	76-125	
1,4-Diethylbenzene	ug/L	50	45.7	91	65-124	N3
2,2-Dichloropropane	ug/L	50	30.7	61	46-134	v3
2-Butanone (MEK)	ug/L	50	29.6	59	28-169	IL,v3
2-Chlorotoluene	ug/L	50	42.7	85	67-121	
2-Hexanone	ug/L	50	62.4	125	59-138	v1
4-Chlorotoluene	ug/L	50	42.1	84	68-121	
4-Methyl-2-pentanone (MIBK)	ug/L	50	63.9	128	70-129	v1
Acetone	ug/L	50	86.7	173	10-225	IC,v1
Benzene	ug/L	50	55.0	110	73-121	
Bromobenzene	ug/L	50	44.4	89	70-120	
Bromochloromethane	ug/L	50	42.7	85	75-130	
Bromodichloromethane	ug/L	50	44.0	88	74-127	
Bromoform	ug/L	50	58.6	117	55-128	
Bromomethane	ug/L	50	65.4	131	12-176	IH,v1
Carbon disulfide	ug/L	50	49.9	100	57-129	
Carbon tetrachloride	ug/L	50	49.6	99	64-122	
Chlorobenzene	ug/L	50	48.1	96	76-117	
Chlorodifluoromethane	ug/L	50	57.6	115	42-122	N3
Chloroethane	ug/L	50	39.6	79	60-129	
Chloroform	ug/L	50	44.3	89	74-129	
Chloromethane	ug/L	50	58.2	116	43-126	
cis-1,2-Dichloroethene	ug/L	50	47.6	95	72-127	
cis-1,3-Dichloropropene	ug/L	50	45.4	91	65-134	
Dibromochloromethane	ug/L	50	49.2	98	71-130	
Dibromomethane	ug/L	50	47.7	95	76-119	
Dichlorodifluoromethane	ug/L	50	57.3	115	14-130	
Ethanol	ug/L	1250	938	75	26-186	v3
Ethylbenzene	ug/L	50	46.1	92	70-120	
Hexachloro-1,3-butadiene	ug/L	50	55.1	110	45-136	
Isopropylbenzene (Cumene)	ug/L	50	42.9	86	70-116	
Methylene Chloride	ug/L	50	47.8	96	69-126	
n-Butylbenzene	ug/L	50	42.9	86	66-126	
n-Propylbenzene	ug/L	50	41.5	83	69-119	
p-Isopropyltoluene	ug/L	50	43.9	88	70-121	
sec-Butylbenzene	ug/L	50	42.5	85	68-120	
Styrene	ug/L	50	47.4	95	80-121	
tert-Butylbenzene	ug/L	50	43.0	86	72-115	
Tetrachloroethene	ug/L	50	51.9	104	65-120	
Toluene	ug/L	50	50.4	101	77-120	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	71-125	
trans-1,3-Dichloropropene	ug/L	50	40.9	82	54-139	
trans-1,4-Dichloro-2-butene	ug/L	50	38.5	77	46-133	v3
Trichloroethene	ug/L	50	48.8	98	73-116	
Vinyl chloride	ug/L	50	58.7	117	50-130	IH
Xylene (Total)	ug/L	150	141	94	73-120	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

LABORATORY CONTROL SAMPLE: 999114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			84	70-123	
4-Bromofluorobenzene (S)	%			96	66-119	
Toluene-d8 (S)	%			92	82-121	

MATRIX SPIKE SAMPLE: 1000031

Parameter	Units	70167264001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	42.7	85	60-127	
1,1,1-Trichloroethane	ug/L	<1.0	50	42.0	84	60-127	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	44.1	88	74-118	
1,1,2-Trichloroethane	ug/L	<1.0	50	50.2	100	80-120	
1,1-Dichloroethane	ug/L	<1.0	50	48.0	96	69-131	
1,1-Dichloroethene	ug/L	<1.0	50	39.3	79	70-129	
1,1-Dichloropropene	ug/L	<1.0	50	50.7	101	78-118	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	40.0	80	48-128	
1,2,3-Trichloropropane	ug/L	<1.0	50	41.4	83	60-120	
1,2,4,5-tetramethylbenzene	ug/L	1.1	50	37.8	73	60-125	N3
1,2,4-Trimethylbenzene	ug/L	12.9	50	53.3	81	66-122	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	47.2	94	67-128	
1,2-Dichloroethane	ug/L	1.3	50	43.0	83	70-129	
1,2-Dichloropropane	ug/L	<1.0	50	50.3	101	77-118	
1,3,5-Trimethylbenzene	ug/L	5.5	50	46.4	82	67-119	
1,3-Dichlorobenzene	ug/L	<1.0	50	44.0	88	72-121	
1,3-Dichloropropane	ug/L	<1.0	50	48.1	96	75-117	
1,4-Diethylbenzene	ug/L	2.1	50	42.7	81	68-123	N3
2,2-Dichloropropane	ug/L	<1.0	50	25.0	50	38-132	v3
2-Butanone (MEK)	ug/L	<5.0	50	21.2	42	15-159	IL,v3
2-Chlorotoluene	ug/L	<1.0	50	42.9	86	68-117	
2-Hexanone	ug/L	<5.0	50	47.2	94	60-127	v1
4-Chlorotoluene	ug/L	<1.0	50	40.6	81	66-121	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	52.0	104	66-129	v1
Acetone	ug/L	7.7	50	65.5	116	10-189	IC,v1
Benzene	ug/L	41.4	50	96.7	111	74-126	
Bromobenzene	ug/L	<1.0	50	42.8	86	66-122	
Bromochloromethane	ug/L	<1.0	50	42.5	85	69-132	
Bromodichloromethane	ug/L	<1.0	50	44.0	88	71-125	
Bromoform	ug/L	<1.0	50	53.5	107	40-128	
Bromomethane	ug/L	<1.0	50	56.7	113	10-179	IH,v1
Carbon disulfide	ug/L	<1.0	50	49.2	98	60-131	
Carbon tetrachloride	ug/L	<1.0	50	49.7	99	64-125	
Chlorobenzene	ug/L	<1.0	50	46.1	92	72-121	
Chlorodifluoromethane	ug/L	<1.0	50	56.5	113	44-123	N3
Chloroethane	ug/L	<1.0	50	40.2	80	54-137	
Chloroform	ug/L	<1.0	50	44.0	88	73-128	
Chloromethane	ug/L	<1.0	50	56.6	113	45-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

MATRIX SPIKE SAMPLE: 1000031		70167264001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	50	46.6	93	72-129	
cis-1,3-Dichloropropene	ug/L	<1.0	50	43.1	86	57-130	
Dibromochloromethane	ug/L	<1.0	50	47.0	94	59-132	
Dibromomethane	ug/L	<1.0	50	46.2	92	69-122	
Dichlorodifluoromethane	ug/L	<1.0	50	55.8	112	10-131	
Ethanol	ug/L	<250	1250	941	75	10-183	v3
Ethylbenzene	ug/L	17.9	50	62.0	88	67-126	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	39.3	79	30-144	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	41.6	83	66-120	
Methylene Chloride	ug/L	<1.0	50	48.8	98	65-129	
n-Butylbenzene	ug/L	<1.0	50	38.1	76	65-129	
n-Propylbenzene	ug/L	1.3	50	41.4	80	62-127	
p-Isopropyltoluene	ug/L	<1.0	50	39.8	80	66-125	
sec-Butylbenzene	ug/L	<1.0	50	40.1	80	66-127	
Styrene	ug/L	<1.0	50	46.2	92	74-121	
tert-Butylbenzene	ug/L	<1.0	50	40.5	81	68-121	
Tetrachloroethene	ug/L	<1.0	50	48.4	97	59-131	
Toluene	ug/L	7.8	50	57.2	99	76-124	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50.3	101	74-129	
trans-1,3-Dichloropropene	ug/L	<1.0	50	39.1	78	42-140	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	32.8	66	10-144	v3
Trichloroethene	ug/L	<1.0	50	48.3	97	78-119	
Vinyl chloride	ug/L	<1.0	50	58.6	117	45-141	IH
Xylene (Total)	ug/L	100	150	237	91	69-125	
1,2-Dichloroethane-d4 (S)	%				86	70-123	
4-Bromofluorobenzene (S)	%				95	66-119	
Toluene-d8 (S)	%				90	82-121	

SAMPLE DUPLICATE: 1000030

Parameter	Units	70167266001	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	2.3		N3
1,2,4-Trimethylbenzene	ug/L	8.0	21.5		92 D6
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	3.1	3.3		6
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

SAMPLE DUPLICATE: 1000030

Parameter	Units	70167266001 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	3.4	7.4	75	D6
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	2.3	4.7	67	D6,N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		v3
2-Butanone (MEK)	ug/L	2.5J	<5.0		IL,v3
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	11.9	20.8	54	D6,IC,v1
Benzene	ug/L	22.6	43.8	64	D6
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	5.3	6.1	14	
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		
Ethanol	ug/L	<250	<250		v3
Ethylbenzene	ug/L	6.6	11.1	51	D6
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	1.7		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	7.7	9.7	23	D6
Toluene	ug/L	6.5	11.7	56	D6
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		v3
Trichloroethene	ug/L	4.8	5.7	17	
Vinyl chloride	ug/L	<1.0	1.5		IH

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

SAMPLE DUPLICATE: 1000030

Parameter	Units	70167266001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	56.9	84.1	39	
1,2-Dichloroethane-d4 (S)	%	84	83		
4-Bromofluorobenzene (S)	%	95	93		
Toluene-d8 (S)	%	90	89		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIRCHILD ANNUAL 3/30

Pace Project No.: 70167344

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70167344001	MW-46I-20210330	EPA 8260C/5030C	202553		
70167344002	BD01-20210330	EPA 8260C/5030C	202553		
70167344003	MW-37I-20210330	EPA 8260C/5030C	202553		
70167344004	MW-43I-20210330	EPA 8260C/5030C	202553		
70167344005	TB-20210330	EPA 8260C/5030C	202784		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Sample Condition Upon Receipt

WO#: 70167344

Client Name:

Project:

PM: KMM

Due Date: 04/08/21

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.0

Cooler Temperature(°C): 1.1

Cooler Temperature Corrected(°C): 1.1

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: CH 3/30/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

Chain of Custody Present:		1.
☒ Yes ☐ No		
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☐ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	10.
Containers Intact:	☒ Yes ☐ No	11. Note if sediment is visible in the dissolved container.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	12. First Sample Mislabelled
Sample Labels match COC:	☒ Yes ☐ No CH 3/30/21	
-Includes date/time/ID, Matrix: SL WD OIL		
All containers needing preservation have been checked?	☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?		
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, ☐ Yes ☐ No ☒ N/A		
NAOH > 12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #		
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide?	☐ Yes ☐ No ☒ N/A	15.
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	17.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

Sample "NW-46I-20210330" was mislabeled
"49I" on the container logged off chain.

April 08, 2021

Daniel St. Germaine
HDR
1 International Blvd.
Mahwah, NJ 07495

RE: Project: FAIRCHILD ANNUAL 3/31
Pace Project No.: 70167469

Dear Daniel Germaine:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Jason Fellows, Wire to Water Electrical Contractors
Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Pace Analytical Services Long Island

Delaware Certification # NY10478

Virginia Certification # 460302

Delaware Certification # NY10478

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: MW-421-20210331		Lab ID: 70167469001	Collected: 03/31/21 09:35	Received: 03/31/21 15:11	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 17:20	75-71-8	
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 17:20	74-87-3	v3
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 17:20	75-01-4	v3
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	75-00-3	
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 17:20	74-83-9	
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 17:20	75-09-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:20	75-35-4	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:20	156-60-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	75-34-3	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:20	594-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:20	156-59-2	
Chloroform	<1.0	ug/L	1.0	1		04/02/21 17:20	67-66-3	
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 17:20	74-97-5	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	71-55-6	
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 17:20	56-23-5	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 17:20	563-58-6	
Benzene	<1.0	ug/L	1.0	1		04/02/21 17:20	71-43-2	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	107-06-2	
Trichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:20	79-01-6	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:20	78-87-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 17:20	75-27-4	
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 17:20	74-95-3	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 17:20	10061-02-6	
Toluene	<1.0	ug/L	1.0	1		04/02/21 17:20	108-88-3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 17:20	10061-01-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	79-00-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		04/02/21 17:20	127-18-4	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:20	142-28-9	
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 17:20	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 17:20	106-93-4	
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	108-90-7	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	630-20-6	
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	100-41-4	
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 17:20	1330-20-7	
Styrene	<1.0	ug/L	1.0	1		04/02/21 17:20	100-42-5	
Bromoform	<1.0	ug/L	1.0	1		04/02/21 17:20	75-25-2	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 17:20	98-82-8	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 17:20	79-34-5	
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	108-86-1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:20	96-18-4	
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	103-65-1	
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 17:20	95-49-8	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	108-67-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 17:20	106-43-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	95-63-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	135-98-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: MW-42I-20210331		Lab ID: 70167469001		Collected: 03/31/21 09:35		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 17:20	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 17:20	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 17:20	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 17:20	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 17:20	75-15-0		
Acetone	<5.0	ug/L	5.0	1		04/02/21 17:20	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 17:20	108-10-1	L2,v3	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 17:20	110-57-6		
Ethanol	<250	ug/L	250	1		04/02/21 17:20	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 17:20	75-45-6	N3,v3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:20	95-93-2	L1,N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		04/02/21 17:20	17060-07-0		
4-Bromofluorobenzene (S)	111	%	66-119	1		04/02/21 17:20	460-00-4		
Toluene-d8 (S)	112	%	82-121	1		04/02/21 17:20	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: MW-42D-20210331		Lab ID: 70167469002		Collected: 03/31/21 09:40		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 17:40	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 17:40	74-87-3	v3	
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 17:40	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 17:40	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 17:40	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 17:40	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:40	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:40	156-60-5		
1,1-Dichloroethane	2.4	ug/L	1.0	1		04/02/21 17:40	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:40	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 17:40	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 17:40	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 17:40	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:40	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 17:40	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 17:40	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 17:40	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:40	107-06-2		
Trichloroethene	13.0	ug/L	1.0	1		04/02/21 17:40	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:40	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 17:40	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 17:40	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 17:40	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 17:40	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 17:40	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 17:40	79-00-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/02/21 17:40	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:40	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 17:40	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 17:40	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 17:40	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 17:40	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 17:40	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 17:40	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 17:40	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 17:40	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 17:40	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 17:40	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 17:40	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: MW-42D-20210331		Lab ID: 70167469002	Collected: 03/31/21 09:40	Received: 03/31/21 15:11	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 17:40	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 17:40	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 17:40	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 17:40	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 17:40	75-15-0	
Acetone	<5.0	ug/L	5.0	1		04/02/21 17:40	67-64-1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 17:40	108-10-1	L2,v3
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 17:40	110-57-6	
Ethanol	<250	ug/L	250	1		04/02/21 17:40	64-17-5	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 17:40	75-45-6	N3,v3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 17:40	95-93-2	L1,N3
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-123	1		04/02/21 17:40	17060-07-0	
4-Bromofluorobenzene (S)	108	%	66-119	1		04/02/21 17:40	460-00-4	
Toluene-d8 (S)	111	%	82-121	1		04/02/21 17:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: AS-66133-20210331		Lab ID: 70167469003		Collected: 03/31/21 10:55		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 18:01	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 18:01	74-87-3	v3	
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 18:01	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 18:01	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 18:01	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:01	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:01	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:01	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:01	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 18:01	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 18:01	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 18:01	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:01	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 18:01	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	107-06-2		
Trichloroethene	4.6	ug/L	1.0	1		04/02/21 18:01	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:01	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 18:01	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 18:01	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:01	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 18:01	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:01	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	79-00-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/02/21 18:01	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:01	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 18:01	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 18:01	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 18:01	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 18:01	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 18:01	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 18:01	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 18:01	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:01	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 18:01	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 18:01	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: AS-66133-20210331		Lab ID: 70167469003	Collected: 03/31/21 10:55	Received: 03/31/21 15:11	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 18:01	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 18:01	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	87-61-6	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 18:01	78-93-3	IL,v3
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 18:01	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 18:01	75-15-0	
Acetone	<5.0	ug/L	5.0	1		04/02/21 18:01	67-64-1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 18:01	108-10-1	L2,v3
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 18:01	110-57-6	
Ethanol	<250	ug/L	250	1		04/02/21 18:01	64-17-5	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 18:01	75-45-6	N3,v3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:01	95-93-2	L1,N3
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-123	1		04/02/21 18:01	17060-07-0	
4-Bromofluorobenzene (S)	109	%	66-119	1		04/02/21 18:01	460-00-4	
Toluene-d8 (S)	112	%	82-121	1		04/02/21 18:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: MW-50-20210331		Lab ID: 70167469004		Collected: 03/31/21 12:30		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 18:21	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 18:21	74-87-3	v3	
Vinyl chloride	26.8	ug/L	1.0	1		04/02/21 18:21	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 18:21	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 18:21	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 18:21	75-09-2		
1,1-Dichloroethene	30.6	ug/L	1.0	1		04/02/21 18:21	75-35-4		
trans-1,2-Dichloroethene	2.9	ug/L	1.0	1		04/02/21 18:21	156-60-5		
1,1-Dichloroethane	27.9	ug/L	1.0	1		04/02/21 18:21	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:21	594-20-7		
cis-1,2-Dichloroethene	530	ug/L	10.0	10		04/05/21 21:30	156-59-2		
Chloroform	3.8	ug/L	1.0	1		04/02/21 18:21	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 18:21	74-97-5		
1,1,1-Trichloroethane	7.3	ug/L	1.0	1		04/02/21 18:21	71-55-6		
Carbon tetrachloride	1.3	ug/L	1.0	1		04/02/21 18:21	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:21	563-58-6		
Benzene	2.8	ug/L	1.0	1		04/02/21 18:21	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:21	107-06-2		
Trichloroethene	932	ug/L	10.0	10		04/05/21 21:30	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:21	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 18:21	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 18:21	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:21	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 18:21	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:21	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:21	79-00-5		
Tetrachloroethene	200	ug/L	10.0	10		04/05/21 21:30	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:21	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 18:21	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 18:21	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 18:21	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 18:21	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 18:21	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 18:21	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 18:21	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 18:21	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:21	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 18:21	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 18:21	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: MW-50-20210331		Lab ID: 70167469004		Collected: 03/31/21 12:30		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 18:21	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 18:21	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 18:21	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 18:21	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 18:21	75-15-0		
Acetone	<5.0	ug/L	5.0	1		04/02/21 18:21	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 18:21	108-10-1	L2,v3	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 18:21	110-57-6		
Ethanol	<250	ug/L	250	1		04/02/21 18:21	64-17-5		
Chlorodifluoromethane	2.1	ug/L	1.0	1		04/02/21 18:21	75-45-6	N3,v3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:21	95-93-2	L1,N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-123	1		04/02/21 18:21	17060-07-0		
4-Bromofluorobenzene (S)	110	%	66-119	1		04/02/21 18:21	460-00-4		
Toluene-d8 (S)	113	%	82-121	1		04/02/21 18:21	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: S-66134-20210331		Lab ID: 70167469005		Collected: 03/31/21 14:15		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 18:42	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 18:42	74-87-3	v3	
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 18:42	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 18:42	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 18:42	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:42	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:42	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:42	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:42	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 18:42	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 18:42	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 18:42	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:42	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 18:42	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	107-06-2		
Trichloroethene	<1.0	ug/L	1.0	1		04/02/21 18:42	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:42	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 18:42	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 18:42	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:42	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 18:42	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 18:42	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	79-00-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/02/21 18:42	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:42	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 18:42	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 18:42	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 18:42	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 18:42	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 18:42	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 18:42	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 18:42	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 18:42	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 18:42	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 18:42	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: S-66134-20210331		Lab ID: 70167469005		Collected: 03/31/21 14:15		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 18:42	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 18:42	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 18:42	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 18:42	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 18:42	75-15-0		
Acetone	<5.0	ug/L	5.0	1		04/02/21 18:42	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 18:42	108-10-1	L2,v3	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 18:42	110-57-6		
Ethanol	<250	ug/L	250	1		04/02/21 18:42	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 18:42	75-45-6	N3,v3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 18:42	95-93-2	L1,N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-123	1		04/02/21 18:42	17060-07-0		
4-Bromofluorobenzene (S)	110	%	66-119	1		04/02/21 18:42	460-00-4		
Toluene-d8 (S)	112	%	82-121	1		04/02/21 18:42	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: TB-20210331		Lab ID: 70167469006		Collected: 03/31/21 00:00		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 15:17	75-71-8		
Chloromethane	<1.0	ug/L	1.0	1		04/02/21 15:17	74-87-3	v3	
Vinyl chloride	<1.0	ug/L	1.0	1		04/02/21 15:17	75-01-4	v3	
Chloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	75-00-3		
Bromomethane	<1.0	ug/L	1.0	1		04/02/21 15:17	74-83-9		
Methylene Chloride	<1.0	ug/L	1.0	1		04/02/21 15:17	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:17	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:17	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:17	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:17	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		04/02/21 15:17	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		04/02/21 15:17	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/02/21 15:17	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 15:17	563-58-6		
Benzene	<1.0	ug/L	1.0	1		04/02/21 15:17	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	107-06-2		
Trichloroethene	<1.0	ug/L	1.0	1		04/02/21 15:17	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:17	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/02/21 15:17	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/02/21 15:17	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 15:17	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		04/02/21 15:17	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/02/21 15:17	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	79-00-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/02/21 15:17	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:17	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/02/21 15:17	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/02/21 15:17	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	108-90-7		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/02/21 15:17	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		04/02/21 15:17	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		04/02/21 15:17	75-25-2		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/02/21 15:17	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/02/21 15:17	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/02/21 15:17	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 15:17	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/02/21 15:17	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	135-98-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Sample: TB-20210331		Lab ID: 70167469006		Collected: 03/31/21 00:00		Received: 03/31/21 15:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/02/21 15:17	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/02/21 15:17	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/02/21 15:17	78-93-3	IL,v3	
2-Hexanone	<5.0	ug/L	5.0	1		04/02/21 15:17	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/02/21 15:17	75-15-0		
Acetone	<5.0	ug/L	5.0	1		04/02/21 15:17	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/02/21 15:17	108-10-1	L2,v3	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/02/21 15:17	110-57-6		
Ethanol	<250	ug/L	250	1		04/02/21 15:17	64-17-5		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/02/21 15:17	75-45-6	N3,v3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/02/21 15:17	95-93-2	L1,N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-123	1		04/02/21 15:17	17060-07-0		
4-Bromofluorobenzene (S)	106	%	66-119	1		04/02/21 15:17	460-00-4		
Toluene-d8 (S)	114	%	82-121	1		04/02/21 15:17	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

QC Batch:	202553	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70167469001, 70167469002, 70167469003, 70167469004, 70167469005, 70167469006

METHOD BLANK: 997741

Matrix: Water

Associated Lab Samples: 70167469001, 70167469002, 70167469003, 70167469004, 70167469005, 70167469006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1-Dichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,1-Dichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
1,1-Dichloropropene	ug/L	<1.0	1.0	04/02/21 12:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	04/02/21 12:45	
1,2-Dichloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
1,2-Dichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
1,3-Dichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
1,4-Diethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	04/02/21 12:45	
2-Butanone (MEK)	ug/L	<5.0	5.0	04/02/21 12:45	IL,v3
2-Chlorotoluene	ug/L	<1.0	1.0	04/02/21 12:45	
2-Hexanone	ug/L	<5.0	5.0	04/02/21 12:45	
4-Chlorotoluene	ug/L	<1.0	1.0	04/02/21 12:45	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	04/02/21 12:45	v3
Acetone	ug/L	<5.0	5.0	04/02/21 12:45	
Benzene	ug/L	<1.0	1.0	04/02/21 12:45	
Bromobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Bromochloromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Bromodichloromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Bromoform	ug/L	<1.0	1.0	04/02/21 12:45	
Bromomethane	ug/L	<1.0	1.0	04/02/21 12:45	
Carbon disulfide	ug/L	<1.0	1.0	04/02/21 12:45	
Carbon tetrachloride	ug/L	<1.0	1.0	04/02/21 12:45	
Chlorobenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Chlorodifluoromethane	ug/L	<1.0	1.0	04/02/21 12:45	N3,v3
Chloroethane	ug/L	<1.0	1.0	04/02/21 12:45	
Chloroform	ug/L	<1.0	1.0	04/02/21 12:45	
Chloromethane	ug/L	<1.0	1.0	04/02/21 12:45	v3
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	04/02/21 12:45	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

METHOD BLANK: 997741

Matrix: Water

Associated Lab Samples: 70167469001, 70167469002, 70167469003, 70167469004, 70167469005, 70167469006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Dibromomethane	ug/L	<1.0	1.0	04/02/21 12:45	
Dichlorodifluoromethane	ug/L	<1.0	1.0	04/02/21 12:45	
Ethanol	ug/L	<250	250	04/02/21 12:45	
Ethylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	04/02/21 12:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	04/02/21 12:45	
Methylene Chloride	ug/L	<1.0	1.0	04/02/21 12:45	
n-Butylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
n-Propylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
p-Isopropyltoluene	ug/L	<1.0	1.0	04/02/21 12:45	
sec-Butylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Styrene	ug/L	<1.0	1.0	04/02/21 12:45	
tert-Butylbenzene	ug/L	<1.0	1.0	04/02/21 12:45	
Tetrachloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
Toluene	ug/L	<1.0	1.0	04/02/21 12:45	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	04/02/21 12:45	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	04/02/21 12:45	
Trichloroethene	ug/L	<1.0	1.0	04/02/21 12:45	
Vinyl chloride	ug/L	<1.0	1.0	04/02/21 12:45	v3
Xylene (Total)	ug/L	<3.0	3.0	04/02/21 12:45	
1,2-Dichloroethane-d4 (S)	%	96	70-123	04/02/21 12:45	
4-Bromofluorobenzene (S)	%	110	66-119	04/02/21 12:45	
Toluene-d8 (S)	%	108	82-121	04/02/21 12:45	

LABORATORY CONTROL SAMPLE: 997742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.0	106	66-133	
1,1,1-Trichloroethane	ug/L	50	47.0	94	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	75-122	
1,1,2-Trichloroethane	ug/L	50	47.0	94	80-122	
1,1-Dichloroethane	ug/L	50	45.1	90	68-127	
1,1-Dichloroethene	ug/L	50	50.1	100	65-123	
1,1-Dichloropropene	ug/L	50	44.9	90	74-115	
1,2,3-Trichlorobenzene	ug/L	50	50.7	101	53-123	
1,2,3-Trichloropropane	ug/L	50	47.9	96	63-123	
1,2,4,5-tetramethylbenzene	ug/L	50	70.2	140	63-122	L1,N3,v1
1,2,4-Trimethylbenzene	ug/L	50	52.9	106	72-117	
1,2-Dibromoethane (EDB)	ug/L	50	50.9	102	74-125	
1,2-Dichloroethane	ug/L	50	44.2	88	73-128	
1,2-Dichloropropane	ug/L	50	40.1	80	79-117	
1,3,5-Trimethylbenzene	ug/L	50	51.1	102	69-117	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

LABORATORY CONTROL SAMPLE: 997742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	54.1	108	73-120	
1,3-Dichloropropane	ug/L	50	47.9	96	76-125	
1,4-Diethylbenzene	ug/L	50	58.8	118	65-124	N3
2,2-Dichloropropane	ug/L	50	47.4	95	46-134	
2-Butanone (MEK)	ug/L	50	32.3	65	28-169	IL,v3
2-Chlorotoluene	ug/L	50	49.3	99	67-121	
2-Hexanone	ug/L	50	34.4	69	59-138	
4-Chlorotoluene	ug/L	50	48.6	97	68-121	
4-Methyl-2-pentanone (MIBK)	ug/L	50	34.7	69	70-129	L2,v3
Acetone	ug/L	50	37.5	75	10-225	v1
Benzene	ug/L	50	42.9	86	73-121	
Bromobenzene	ug/L	50	49.3	99	70-120	
Bromochloromethane	ug/L	50	52.6	105	75-130	
Bromodichloromethane	ug/L	50	44.2	88	74-127	
Bromoform	ug/L	50	48.4	97	55-128	
Bromomethane	ug/L	50	74.6	149	12-176	v1
Carbon disulfide	ug/L	50	47.1	94	57-129	
Carbon tetrachloride	ug/L	50	46.4	93	64-122	
Chlorobenzene	ug/L	50	54.9	110	76-117	
Chlorodifluoromethane	ug/L	50	33.3	67	42-122	N3,v3
Chloroethane	ug/L	50	42.2	84	60-129	
Chloroform	ug/L	50	47.2	94	74-129	
Chloromethane	ug/L	50	36.5	73	43-126	v3
cis-1,2-Dichloroethene	ug/L	50	49.2	98	72-127	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	65-134	
Dibromochloromethane	ug/L	50	51.3	103	71-130	
Dibromomethane	ug/L	50	49.0	98	76-119	
Dichlorodifluoromethane	ug/L	50	39.1	78	14-130	
Ethanol	ug/L	1250	1760	141	26-186	
Ethylbenzene	ug/L	50	54.5	109	70-120	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	45-136	
Isopropylbenzene (Cumene)	ug/L	50	50.6	101	70-116	
Methylene Chloride	ug/L	50	46.2	92	69-126	
n-Butylbenzene	ug/L	50	57.4	115	66-126	
n-Propylbenzene	ug/L	50	51.5	103	69-119	
p-Isopropyltoluene	ug/L	50	56.9	114	70-121	
sec-Butylbenzene	ug/L	50	55.6	111	68-120	
Styrene	ug/L	50	54.4	109	80-121	
tert-Butylbenzene	ug/L	50	53.1	106	72-115	
Tetrachloroethene	ug/L	50	48.9	98	65-120	
Toluene	ug/L	50	48.2	96	77-120	
trans-1,2-Dichloroethene	ug/L	50	53.1	106	71-125	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	54-139	
trans-1,4-Dichloro-2-butene	ug/L	50	42.7	85	46-133	
Trichloroethene	ug/L	50	47.2	94	73-116	
Vinyl chloride	ug/L	50	39.7	79	50-130	v3
Xylene (Total)	ug/L	150	164	109	73-120	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

LABORATORY CONTROL SAMPLE: 997742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			92	70-123	
4-Bromofluorobenzene (S)	%			110	66-119	
Toluene-d8 (S)	%			110	82-121	

MATRIX SPIKE SAMPLE: 998856

Parameter	Units	70167344002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	54.3	109	60-127	
1,1,1-Trichloroethane	ug/L	2.2	50	48.6	93	60-127	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	44.0	88	74-118	
1,1,2-Trichloroethane	ug/L	<1.0	50	45.5	91	80-120	
1,1-Dichloroethane	ug/L	7.0	50	50.9	88	69-131	
1,1-Dichloroethene	ug/L	6.5	50	54.2	95	70-129	
1,1-Dichloropropene	ug/L	<1.0	50	44.2	88	78-118	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	47.8	96	48-128	
1,2,3-Trichloropropane	ug/L	<1.0	50	46.9	94	60-120	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	70.1	140	60-125	M0,N3,v1
1,2,4-Trimethylbenzene	ug/L	<1.0	50	53.9	108	66-122	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50.0	100	67-128	
1,2-Dichloroethane	ug/L	<1.0	50	44.8	90	70-129	
1,2-Dichloropropane	ug/L	<1.0	50	40.3	81	77-118	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	52.0	104	67-119	
1,3-Dichlorobenzene	ug/L	<1.0	50	54.2	108	72-121	
1,3-Dichloropropane	ug/L	<1.0	50	48.7	97	75-117	
1,4-Diethylbenzene	ug/L	<1.0	50	59.8	120	68-123	N3
2,2-Dichloropropane	ug/L	<1.0	50	44.7	89	38-132	
2-Butanone (MEK)	ug/L	<5.0	50	29.0	58	15-159	IL,v3
2-Chlorotoluene	ug/L	<1.0	50	50.8	102	68-117	
2-Hexanone	ug/L	<5.0	50	33.3	67	60-127	
4-Chlorotoluene	ug/L	<1.0	50	49.7	99	66-121	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	31.9	64	66-129	M0,v3
Acetone	ug/L	<5.0	50	31.8	64	10-189	v1
Benzene	ug/L	<1.0	50	43.2	86	74-126	
Bromobenzene	ug/L	<1.0	50	50.1	100	66-122	
Bromochloromethane	ug/L	<1.0	50	52.9	106	69-132	
Bromodichloromethane	ug/L	<1.0	50	43.8	88	71-125	
Bromoform	ug/L	<1.0	50	47.1	94	40-128	
Bromomethane	ug/L	<1.0	50	63.2	126	10-179	v1
Carbon disulfide	ug/L	<1.0	50	42.6	85	60-131	
Carbon tetrachloride	ug/L	<1.0	50	45.6	91	64-125	
Chlorobenzene	ug/L	<1.0	50	56.8	114	72-121	
Chlorodifluoromethane	ug/L	<1.0	50	28.9	58	44-123	N3,v3
Chloroethane	ug/L	<1.0	50	38.2	76	54-137	
Chloroform	ug/L	<1.0	50	48.4	97	73-128	
Chloromethane	ug/L	<1.0	50	27.8	56	45-123	v3

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

MATRIX SPIKE SAMPLE: 998856		70167344002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	74.3	50	129	109	72-129	
cis-1,3-Dichloropropene	ug/L	<1.0	50	42.5	85	57-130	
Dibromochloromethane	ug/L	<1.0	50	51.9	104	59-132	
Dibromomethane	ug/L	<1.0	50	49.1	98	69-122	
Dichlorodifluoromethane	ug/L	<1.0	50	23.3	47	10-131	
Ethanol	ug/L	<250	1250	1480	119	10-183	
Ethylbenzene	ug/L	<1.0	50	55.9	112	67-126	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	51.4	103	30-144	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	52.4	105	66-120	
Methylene Chloride	ug/L	<1.0	50	45.4	91	65-129	
n-Butylbenzene	ug/L	<1.0	50	58.9	118	65-129	
n-Propylbenzene	ug/L	<1.0	50	53.4	107	62-127	
p-Isopropyltoluene	ug/L	<1.0	50	58.5	117	66-125	
sec-Butylbenzene	ug/L	<1.0	50	57.2	114	66-127	
Styrene	ug/L	<1.0	50	55.4	111	74-121	
tert-Butylbenzene	ug/L	<1.0	50	54.5	109	68-121	
Tetrachloroethene	ug/L	42.4	50	93.2	102	59-131	
Toluene	ug/L	<1.0	50	48.1	96	76-124	
trans-1,2-Dichloroethene	ug/L	<1.0	50	51.9	104	74-129	
trans-1,3-Dichloropropene	ug/L	<1.0	50	44.3	89	42-140	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	40.1	80	10-144	
Trichloroethene	ug/L	59.3	50	107	96	78-119	
Vinyl chloride	ug/L	1.4	50	34.1	65	45-141 v3	
Xylene (Total)	ug/L	<3.0	150	170	113	69-125	
1,2-Dichloroethane-d4 (S)	%				91	70-123	
4-Bromofluorobenzene (S)	%				109	66-119	
Toluene-d8 (S)	%				113	82-121	

SAMPLE DUPLICATE: 998855

Parameter	Units	70167344001	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

SAMPLE DUPLICATE: 998855

Parameter	Units	70167344001 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL,v3
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		v3
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3,v3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		v3
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	1.9	2.7	35	D6
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	16.8	17.1	1	
Vinyl chloride	ug/L	<1.0	<1.0		v3

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

SAMPLE DUPLICATE: 998855

Parameter	Units	70167344001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	94	93		
4-Bromofluorobenzene (S)	%	118	107		
Toluene-d8 (S)	%	93	111		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

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.

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.

WORKORDER QUALIFIERS

WO: 70167469

- [1] Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

ANALYTE QUALIFIERS

- D6 The precision between the sample and sample duplicate exceeded laboratory control limits.
- IL This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
- L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
- v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
- v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIRCHILD ANNUAL 3/31

Pace Project No.: 70167469

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70167469001	MW-42I-20210331	EPA 8260C/5030C	202553		
70167469002	MW-42D-20210331	EPA 8260C/5030C	202553		
70167469003	AS-66133-20210331	EPA 8260C/5030C	202553		
70167469004	MW-50-20210331	EPA 8260C/5030C	202553		
70167469005	S-66134-20210331	EPA 8260C/5030C	202553		
70167469006	TB-20210331	EPA 8260C/5030C	202553		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Do

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

WO#: 70167469



70167469

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Dan St. Germain	Attention:	Dan St. Germain
Address:	1 International Blvd.	Copy To:		Company Name:	HIDE / Fairchild
City/State/Zip:	Mahwah, NJ 07495	Purchase Order #:		Address:	1 Int. Blvd, Mahwah, NJ 07495
Email:	daniel.sigerman@hdcinc.com	Project Name:	Fairchild Annual	Pace Quote:	
Phone:	(201) 881-3041	Project #:	10025227	Pace Project Manager:	kimberly.mack@pacelabs.com
Requested Due Date:	Standard			Pace Profile #:	5841
Regulatory Agency		State / Location		NY	

ITEM #	MATRIX	CODE	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
						START	END			DATE	TIME	DATE	TIME	H2SO4	HNO3	HCl	NaOH			Na2S2O3	Methanol	Other	VOC by 8260																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			



Sample Condition Upon Receipt

WO#: 70167469

Client Name:

Project

PM: KMM

Due Date: 04/09/21

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.0

Cooler Temperature(°C): 11.0

Cooler Temperature Corrected(°C): 11.0

Temperature Blank Present: ☐ Yes ☒ NoType of Ice: ☒ Wet ☐ Blue ☐ None☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: CH/3/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	
Containers Intact:	☐ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☒ No	12. ID taken off of chain of custody
-Includes date/time/ID, Matrix: SL WT OIL		
All containers needing preservation have been checked?	☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?		
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, ☐ Yes ☐ No ☒ N/A		
NAOH>12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14. Initial when completed: Lot # of added preservative: Date/Time preservative added:
KI starch test strips Lot #		
Residual chlorine strips Lot #		Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide?	☐ Yes ☐ No ☒ N/A	15.
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	16.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	17.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

APPENDIX C

February 11, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

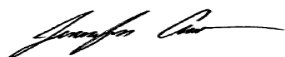
RE: Project: MONTHLY 1/31
Pace Project No.: 70120210

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on January 31, 2020. 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,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Sample: INFLUENT#1		Lab ID: 70120210001	Collected: 01/31/20 16:05	Received: 01/31/20 16:58	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Beryllium	<5.0	ug/L	5.0	1	02/04/20 12:53	02/05/20 21:21	7440-41-7	
Iron	791	ug/L	100	1	02/04/20 12:53	02/05/20 21:21	7439-89-6	
Manganese	80.2	ug/L	10.0	1	02/04/20 12:53	02/05/20 21:21	7439-96-5	
Zinc	136	ug/L	20.0	1	02/04/20 12:53	02/05/20 21:21	7440-66-6	
200.7 Metals, Dissolved		Analytical Method: EPA 200.7						
Beryllium, Dissolved	<5.0	ug/L	5.0	1		02/10/20 22:22	7440-41-7	
Iron, Dissolved	107	ug/L	20.0	1		02/10/20 22:22	7439-89-6	
Manganese, Dissolved	76.5	ug/L	10.0	1		02/10/20 22:22	7439-96-5	
Zinc, Dissolved	67.0	ug/L	20.0	1		02/10/20 22:22	7440-66-6	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
Acetone	<5.0	ug/L	5.0	1		02/06/20 00:35	67-64-1	CH
Benzene	1.7	ug/L	1.0	1		02/06/20 00:35	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/06/20 00:35	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/06/20 00:35	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		02/06/20 00:35	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		02/06/20 00:35	74-83-9	CL
2-Butanone (MEK)	<5.0	ug/L	5.0	1		02/06/20 00:35	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/06/20 00:35	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/06/20 00:35	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	108-90-7	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		02/06/20 00:35	75-45-6	N3
Chloroethane	<1.0	ug/L	1.0	1		02/06/20 00:35	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/06/20 00:35	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		02/06/20 00:35	74-87-3	CL
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/06/20 00:35	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/06/20 00:35	106-43-4	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/06/20 00:35	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/06/20 00:35	106-93-4	
Dibromomethane	<1.0	ug/L	1.0	1		02/06/20 00:35	74-95-3	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	541-73-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/06/20 00:35	110-57-6	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/06/20 00:35	75-71-8	CL
1,1-Dichloroethane	13.6	ug/L	1.0	1		02/06/20 00:35	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:35	107-06-2	
1,1-Dichloroethene	6.3	ug/L	1.0	1		02/06/20 00:35	75-35-4	
cis-1,2-Dichloroethene	188	ug/L	1.0	1		02/06/20 00:35	156-59-2	
trans-1,2-Dichloroethene	1.7	ug/L	1.0	1		02/06/20 00:35	156-60-5	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:35	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:35	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:35	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Sample: INFLUENT#1		Lab ID: 70120210001		Collected: 01/31/20 16:05		Received: 01/31/20 16:58		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 00:35	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 00:35	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 00:35	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	105-05-5	N3	
Ethanol	<250	ug/L	250	1		02/06/20 00:35	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		02/06/20 00:35	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		02/06/20 00:35	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		02/06/20 00:35	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		02/06/20 00:35	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/06/20 00:35	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		02/06/20 00:35	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	103-65-1		
Styrene	<1.0	ug/L	1.0	1		02/06/20 00:35	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/06/20 00:35	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/06/20 00:35	79-34-5		
Tetrachloroethene	610	ug/L	5.0	5		02/06/20 17:58	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		02/06/20 00:35	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:35	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:35	79-00-5		
Trichloroethene	102	ug/L	1.0	1		02/06/20 00:35	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:35	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:35	108-67-8		
Vinyl chloride	21.5	ug/L	1.0	1		02/06/20 00:35	75-01-4	CL	
Xylene (Total)	<3.0	ug/L	3.0	1		02/06/20 00:35	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		02/06/20 00:35	17060-07-0		
4-Bromofluorobenzene (S)	109	%	79-124	1		02/06/20 00:35	460-00-4		
Toluene-d8 (S)	99	%	69-124	1		02/06/20 00:35	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	141	mg/L	10.0	1		02/05/20 09:49			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Sample: INFLUENT#2		Lab ID: 70120210002		Collected: 01/31/20 16:15		Received: 01/31/20 16:58		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Beryllium	<5.0	ug/L	5.0	1	02/04/20 12:53	02/05/20 21:26	7440-41-7		
Iron	668	ug/L	100	1	02/04/20 12:53	02/05/20 21:26	7439-89-6		
Manganese	80.6	ug/L	10.0	1	02/04/20 12:53	02/05/20 21:26	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	02/04/20 12:53	02/05/20 21:26	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		02/10/20 22:43	7440-41-7		
Iron, Dissolved	343	ug/L	20.0	1		02/10/20 22:43	7439-89-6		
Manganese, Dissolved	79.3	ug/L	10.0	1		02/10/20 22:43	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		02/10/20 22:43	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Acetone	<5.0	ug/L	5.0	1		02/06/20 00:55	67-64-1		
Benzene	<1.0	ug/L	1.0	1		02/06/20 00:55	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		02/06/20 00:55	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/06/20 00:55	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		02/06/20 00:55	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		02/06/20 00:55	74-83-9	CL	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		02/06/20 00:55	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		02/06/20 00:55	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/06/20 00:55	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		02/06/20 00:55	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		02/06/20 00:55	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/06/20 00:55	74-87-3	CL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/06/20 00:55	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/06/20 00:55	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		02/06/20 00:55	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/06/20 00:55	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		02/06/20 00:55	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/06/20 00:55	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/06/20 00:55	75-71-8	CL	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/06/20 00:55	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/06/20 00:55	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/06/20 00:55	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:55	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:55	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:55	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Sample: INFLUENT#2		Lab ID: 70120210002		Collected: 01/31/20 16:15		Received: 01/31/20 16:58		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 00:55	563-58-6	N3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 00:55	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 00:55	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	105-05-5		
Ethanol	<250	ug/L	250	1		02/06/20 00:55	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		02/06/20 00:55	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		02/06/20 00:55	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		02/06/20 00:55	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		02/06/20 00:55	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/06/20 00:55	75-09-2	N3	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		02/06/20 00:55	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	103-65-1		
Styrene	<1.0	ug/L	1.0	1		02/06/20 00:55	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		02/06/20 00:55	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	95-93-2		
Toluene	<1.0	ug/L	1.0	1		02/06/20 00:55	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	71-55-6	CL	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/06/20 00:55	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		02/06/20 00:55	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/06/20 00:55	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		02/06/20 00:55	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		02/06/20 00:55	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		02/06/20 00:55	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		02/06/20 00:55	17060-07-0		
4-Bromofluorobenzene (S)	102	%	79-124	1		02/06/20 00:55	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		02/06/20 00:55	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	121	mg/L	10.0	1		02/05/20 09:49			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Sample: EFFLUENT#1		Lab ID: 70120210003		Collected: 01/31/20 16:25		Received: 01/31/20 16:58		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Beryllium	<5.0	ug/L	5.0	1	02/04/20 12:53	02/05/20 21:32	7440-41-7		
Iron	639	ug/L	100	1	02/04/20 12:53	02/05/20 21:32	7439-89-6		
Manganese	76.9	ug/L	10.0	1	02/04/20 12:53	02/05/20 21:32	7439-96-5		
Zinc	21.8	ug/L	20.0	1	02/04/20 12:53	02/05/20 21:32	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		02/10/20 22:48	7440-41-7		
Iron, Dissolved	371	ug/L	20.0	1		02/10/20 22:48	7439-89-6		
Manganese, Dissolved	79.4	ug/L	10.0	1		02/10/20 22:48	7439-96-5		
Zinc, Dissolved	21.9	ug/L	20.0	1		02/10/20 22:48	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Acetone	<5.0	ug/L	5.0	1		02/06/20 18:16	67-64-1		
Benzene	<1.0	ug/L	1.0	1		02/06/20 18:16	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		02/06/20 18:16	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/06/20 18:16	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		02/06/20 18:16	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		02/06/20 18:16	74-83-9	CL	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		02/06/20 18:16	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		02/06/20 18:16	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/06/20 18:16	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		02/06/20 18:16	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		02/06/20 18:16	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/06/20 18:16	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/06/20 18:16	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/06/20 18:16	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		02/06/20 18:16	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/06/20 18:16	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		02/06/20 18:16	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/06/20 18:16	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/06/20 18:16	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	75-34-3	L2	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/06/20 18:16	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/06/20 18:16	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/06/20 18:16	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 18:16	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 18:16	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		02/06/20 18:16	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 1/31

Pace Project No.: 70120210

Sample: EFFLUENT#1		Lab ID: 70120210003		Collected: 01/31/20 16:25		Received: 01/31/20 16:58		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 18:16	563-58-6	N3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 18:16	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/06/20 18:16	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	105-05-5		
Ethanol	<250	ug/L	250	1		02/06/20 18:16	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		02/06/20 18:16	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		02/06/20 18:16	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		02/06/20 18:16	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		02/06/20 18:16	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/06/20 18:16	75-09-2	N3	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		02/06/20 18:16	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	103-65-1		
Styrene	<1.0	ug/L	1.0	1		02/06/20 18:16	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		02/06/20 18:16	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	95-93-2		
Toluene	<1.0	ug/L	1.0	1		02/06/20 18:16	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/06/20 18:16	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		02/06/20 18:16	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/06/20 18:16	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		02/06/20 18:16	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		02/06/20 18:16	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		02/06/20 18:16	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	68-153	1		02/06/20 18:16	17060-07-0		
4-Bromofluorobenzene (S)	98	%	79-124	1		02/06/20 18:16	460-00-4		
Toluene-d8 (S)	94	%	69-124	1		02/06/20 18:16	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	139	mg/L	10.0	1		02/05/20 09:49		D6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

QC Batch:	148636	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
Associated Lab Samples:	70120210001, 70120210002, 70120210003		

METHOD BLANK: 712619 Matrix: Water

Associated Lab Samples: 70120210001, 70120210002, 70120210003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	02/10/20 22:10	
Iron, Dissolved	ug/L	<20.0	20.0	02/10/20 22:10	
Manganese, Dissolved	ug/L	<10.0	10.0	02/10/20 22:10	
Zinc, Dissolved	ug/L	<20.0	20.0	02/10/20 22:10	

LABORATORY CONTROL SAMPLE: 712620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	55.8	112	85-115	
Iron, Dissolved	ug/L	2000	2160	108	85-115	
Manganese, Dissolved	ug/L	250	279	112	85-115	
Zinc, Dissolved	ug/L	1000	1110	111	85-115	

MATRIX SPIKE SAMPLE: 712623

Parameter	Units	70120210001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	50.7	101	70-130	
Iron, Dissolved	ug/L	107	2000	2130	101	70-130	
Manganese, Dissolved	ug/L	76.5	250	332	102	70-130	
Zinc, Dissolved	ug/L	67.0	1000	1080	102	70-130	

SAMPLE DUPLICATE: 712622

Parameter	Units	70120210001 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	107	102	4	
Manganese, Dissolved	ug/L	76.5	76.0	1	
Zinc, Dissolved	ug/L	67.0	67.6	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

QC Batch: 148159 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 70120210001, 70120210002, 70120210003

METHOD BLANK: 710137 Matrix: Water

Associated Lab Samples: 70120210001, 70120210002, 70120210003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	02/05/20 21:09	
Iron	ug/L	<100	100	02/05/20 21:09	
Manganese	ug/L	<10.0	10.0	02/05/20 21:09	
Zinc	ug/L	<20.0	20.0	02/05/20 21:09	

LABORATORY CONTROL SAMPLE: 710138

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	51.9	104	85-115	
Iron	ug/L	2000	2060	103	85-115	
Manganese	ug/L	250	255	102	85-115	
Zinc	ug/L	1000	1010	101	85-115	

MATRIX SPIKE SAMPLE: 710140

Parameter	Units	70120260004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.8	100	70-130	
Iron	ug/L	246	2000	2260	101	70-130	
Manganese	ug/L	63.4	250	305	97	70-130	
Zinc	ug/L	0.30 mg/L	1000	1260	96	70-130	

SAMPLE DUPLICATE: 710139

Parameter	Units	70120260004 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	246	266	8	
Manganese	ug/L	63.4	67.0	6	
Zinc	ug/L	0.30 mg/L	318	6	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

QC Batch:	148434	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
Associated Lab Samples: 70120210001, 70120210002			

METHOD BLANK: 711611 Matrix: Water

Associated Lab Samples: 70120210001, 70120210002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
1,1-Dichloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
1,1-Dichloroethene	ug/L	<1.0	1.0	02/05/20 18:40	
1,1-Dichloropropene	ug/L	<1.0	1.0	02/05/20 18:40	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	02/05/20 18:40	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	02/05/20 18:40	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	02/05/20 18:40	
1,2-Dichloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
1,2-Dichloropropane	ug/L	<1.0	1.0	02/05/20 18:40	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	02/05/20 18:40	
1,3-Dichloropropane	ug/L	<1.0	1.0	02/05/20 18:40	
1,4-Diethylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	02/05/20 18:40	
2-Butanone (MEK)	ug/L	<5.0	5.0	02/05/20 18:40	
2-Chlorotoluene	ug/L	<1.0	1.0	02/05/20 18:40	
2-Hexanone	ug/L	<5.0	5.0	02/05/20 18:40	
4-Chlorotoluene	ug/L	<1.0	1.0	02/05/20 18:40	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	02/05/20 18:40	
Acetone	ug/L	<5.0	5.0	02/05/20 18:40	
Benzene	ug/L	<1.0	1.0	02/05/20 18:40	
Bromobenzene	ug/L	<1.0	1.0	02/05/20 18:40	
Bromochloromethane	ug/L	<1.0	1.0	02/05/20 18:40	
Bromodichloromethane	ug/L	<1.0	1.0	02/05/20 18:40	
Bromoform	ug/L	<1.0	1.0	02/05/20 18:40	
Bromomethane	ug/L	<1.0	1.0	02/05/20 18:40	CL
Carbon disulfide	ug/L	<1.0	1.0	02/05/20 18:40	
Carbon tetrachloride	ug/L	<1.0	1.0	02/05/20 18:40	
Chlorobenzene	ug/L	<1.0	1.0	02/05/20 18:40	
Chlorodifluoromethane	ug/L	<1.0	1.0	02/05/20 18:40	N3
Chloroethane	ug/L	<1.0	1.0	02/05/20 18:40	
Chloroform	ug/L	<1.0	1.0	02/05/20 18:40	
Chloromethane	ug/L	<1.0	1.0	02/05/20 18:40	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	02/05/20 18:40	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	02/05/20 18:40	
Dibromochloromethane	ug/L	<1.0	1.0	02/05/20 18:40	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

METHOD BLANK: 711611

Matrix: Water

Associated Lab Samples: 70120210001, 70120210002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<1.0	1.0	02/05/20 18:40	CL
Dichlorodifluoromethane	ug/L	<1.0	1.0	02/05/20 18:40	
Ethanol	ug/L	<250	250	02/05/20 18:40	
Ethylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	02/05/20 18:40	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	02/05/20 18:40	
Methylene Chloride	ug/L	<1.0	1.0	02/05/20 18:40	
n-Butylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
n-Propylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
p-Isopropyltoluene	ug/L	<1.0	1.0	02/05/20 18:40	
sec-Butylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
Styrene	ug/L	<1.0	1.0	02/05/20 18:40	
tert-Butylbenzene	ug/L	<1.0	1.0	02/05/20 18:40	
Tetrachloroethene	ug/L	<1.0	1.0	02/05/20 18:40	
Toluene	ug/L	<1.0	1.0	02/05/20 18:40	CL
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	02/05/20 18:40	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	02/05/20 18:40	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	02/05/20 18:40	
Trichloroethene	ug/L	<1.0	1.0	02/05/20 18:40	
Vinyl chloride	ug/L	<1.0	1.0	02/05/20 18:40	
Xylene (Total)	ug/L	<3.0	3.0	02/05/20 18:40	
1,2-Dichloroethane-d4 (S)	%	102	68-153	02/05/20 18:40	
4-Bromofluorobenzene (S)	%	107	79-124	02/05/20 18:40	
Toluene-d8 (S)	%	98	69-124	02/05/20 18:40	

LABORATORY CONTROL SAMPLE: 711612

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.3	97	74-113	
1,1,1-Trichloroethane	ug/L	50	44.1	88	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	54.7	109	74-121	
1,1,2-Trichloroethane	ug/L	50	53.3	107	80-117	
1,1-Dichloroethane	ug/L	50	41.3	83	83-151	
1,1-Dichloroethene	ug/L	50	42.8	86	45-146	
1,1-Dichloropropene	ug/L	50	43.8	88	59-127	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	67-103	
1,2,3-Trichloropropane	ug/L	50	54.1	108	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	44.4	89	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	83-115	
1,2-Dichloroethane	ug/L	50	50.0	100	74-129	
1,2-Dichloropropane	ug/L	50	44.2	88	75-117	
1,3,5-Trimethylbenzene	ug/L	50	45.6	91	67-116	
1,3-Dichlorobenzene	ug/L	50	48.1	96	71-112	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

LABORATORY CONTROL SAMPLE: 711612

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	51.5	103	74-112	
1,4-Diethylbenzene	ug/L	50	46.4	93	56-130	N3
2,2-Dichloropropane	ug/L	50	43.0	86	63-133	
2-Butanone (MEK)	ug/L	50	48.4	97	44-162	
2-Chlorotoluene	ug/L	50	46.2	92	74-101	
2-Hexanone	ug/L	50	45.1	90	32-183	
4-Chlorotoluene	ug/L	50	46.6	93	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	52.7	105	69-132	
Acetone	ug/L	50	37.7	75	23-188	CH
Benzene	ug/L	50	44.3	89	73-119	
Bromobenzene	ug/L	50	48.1	96	72-102	
Bromochloromethane	ug/L	50	49.1	98	81-116	
Bromodichloromethane	ug/L	50	47.5	95	78-117	
Bromoform	ug/L	50	46.9	94	65-122	
Bromomethane	ug/L	50	27.1	54	52-147	CL
Carbon disulfide	ug/L	50	38.5	77	41-144	
Carbon tetrachloride	ug/L	50	42.3	85	59-120	
Chlorobenzene	ug/L	50	49.5	99	75-113	
Chlorodifluoromethane	ug/L	50	34.0	68	43-140	N3
Chloroethane	ug/L	50	37.1	74	49-151	
Chloroform	ug/L	50	46.1	92	72-122	
Chloromethane	ug/L	50	26.8	54	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	46.4	93	72-121	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	78-116	
Dibromochloromethane	ug/L	50	48.1	96	70-120	
Dibromomethane	ug/L	50	52.1	104	75-125	
Dichlorodifluoromethane	ug/L	50	29.6	59	22-154	CL
Ethanol	ug/L	1250	1310	105	10-151	
Ethylbenzene	ug/L	50	50.2	100	70-113	
Hexachloro-1,3-butadiene	ug/L	50	41.4	83	59-121	
Isopropylbenzene (Cumene)	ug/L	50	45.4	91	67-115	
Methylene Chloride	ug/L	50	47.0	94	61-142	
n-Butylbenzene	ug/L	50	46.3	93	73-107	
n-Propylbenzene	ug/L	50	46.1	92	68-116	
p-Isopropyltoluene	ug/L	50	47.0	94	73-101	
sec-Butylbenzene	ug/L	50	45.9	92	72-103	
Styrene	ug/L	50	53.7	107	72-118	
tert-Butylbenzene	ug/L	50	45.4	91	68-100	
Tetrachloroethene	ug/L	50	42.9	86	60-128	
Toluene	ug/L	50	47.1	94	72-119	
trans-1,2-Dichloroethene	ug/L	50	44.6	89	56-142	
trans-1,3-Dichloropropene	ug/L	50	50.4	101	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	46.7	93	71-121	
Trichloroethene	ug/L	50	45.9	92	69-117	
Vinyl chloride	ug/L	50	34.5	69	43-143	CL
Xylene (Total)	ug/L	150	156	104	71-109	
1,2-Dichloroethane-d4 (S)	%			102	68-153	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

LABORATORY CONTROL SAMPLE: 711612

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			111	79-124	
Toluene-d8 (S)	%			99	69-124	

MATRIX SPIKE SAMPLE: 712497

Parameter	Units	70120202001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	45.2	90	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	48.4	97	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	48.9	98	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	49.7	99	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	44.9	90	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	49.0	98	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	47.7	95	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	30.5	61	67-103	M1
1,2,3-Trichloropropane	ug/L	<1.0	50	48.8	98	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	31.3	63	66-103	M1,N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50.1	100	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50.7	101	83-115	
1,2-Dichloroethane	ug/L	<1.0	50	48.7	97	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	45.7	91	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	40.3	81	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	41.2	82	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	47.5	95	74-112	
1,4-Diethylbenzene	ug/L	<1.0	50	34.3	69	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	42.6	85	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	37.3	75	44-162	
2-Chlorotoluene	ug/L	<1.0	50	42.2	84	74-101	
2-Hexanone	ug/L	<5.0	50	33.6	67	32-183	
4-Chlorotoluene	ug/L	<1.0	50	42.5	85	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	42.6	85	69-132	
Acetone	ug/L	<5.0	50	30.1	57	23-188	CH
Benzene	ug/L	<1.0	50	48.5	97	73-119	
Bromobenzene	ug/L	<1.0	50	47.0	94	72-102	
Bromochloromethane	ug/L	<1.0	50	49.9	100	81-116	
Bromodichloromethane	ug/L	<1.0	50	46.6	93	78-117	
Bromoform	ug/L	<1.0	50	37.7	75	65-122	
Bromomethane	ug/L	<1.0	50	24.5	49	52-147	CL,M1
Carbon disulfide	ug/L	<1.0	50	43.7	87	41-144	
Carbon tetrachloride	ug/L	<1.0	50	43.8	88	59-120	
Chlorobenzene	ug/L	<1.0	50	50.8	102	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	37.3	75	43-140	N3
Chloroethane	ug/L	<1.0	50	42.8	86	49-151	
Chloroform	ug/L	<1.0	50	49.1	98	72-122	
Chloromethane	ug/L	<1.0	50	29.1	58	46-144	CL
cis-1,2-Dichloroethene	ug/L	<1.0	50	49.6	99	72-121	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

MATRIX SPIKE SAMPLE: 712497

Parameter	Units	70120202001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	50	46.7	93	78-116	
Dibromochloromethane	ug/L	<1.0	50	42.2	84	70-120	
Dibromomethane	ug/L	<1.0	50	49.8	100	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	30.5	61	22-154	CL
Ethanol	ug/L	<250	1250	490	39	10-151	
Ethylbenzene	ug/L	<1.0	50	47.8	96	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	23.2	46	59-121	M1
Isopropylbenzene (Cumene)	ug/L	<1.0	50	40.6	81	67-115	
Methylene Chloride	ug/L	<1.0	50	49.5	99	61-142	
n-Butylbenzene	ug/L	<1.0	50	31.3	63	73-107	M1
n-Propylbenzene	ug/L	<1.0	50	39.4	79	68-116	
p-Isopropyltoluene	ug/L	<1.0	50	33.9	68	73-101	M1
sec-Butylbenzene	ug/L	<1.0	50	33.4	67	72-103	M1
Styrene	ug/L	<1.0	50	49.6	99	72-118	
tert-Butylbenzene	ug/L	<1.0	50	35.5	71	68-100	
Tetrachloroethene	ug/L	<1.0	50	40.2	80	60-128	
Toluene	ug/L	<1.0	50	49.7	99	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	51.2	102	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	46.9	94	79-116	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	38.3	77	71-121	
Trichloroethene	ug/L	<1.0	50	50.4	101	69-117	
Vinyl chloride	ug/L	<1.0	50	39.8	80	43-143	CL
Xylene (Total)	ug/L	<3.0	150	147	98	71-109	
1,2-Dichloroethane-d4 (S)	%				94	68-153	
4-Bromofluorobenzene (S)	%				104	79-124	
Toluene-d8 (S)	%				94	69-124	

SAMPLE DUPLICATE: 712496

Parameter	Units	70120202002 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<100	<100		
1,1,1-Trichloroethane	ug/L	<100	<100		
1,1,2,2-Tetrachloroethane	ug/L	<100	<100		
1,1,2-Trichloroethane	ug/L	<100	<100		
1,1-Dichloroethane	ug/L	<100	<100		
1,1-Dichloroethene	ug/L	<100	<100		
1,1-Dichloropropene	ug/L	<100	<100		
1,2,3-Trichlorobenzene	ug/L	<100	<100		
1,2,3-Trichloropropane	ug/L	<100	<100		
1,2,4,5-tetramethylbenzene	ug/L	201	173	15	N3
1,2,4-Trimethylbenzene	ug/L	2500	2270	10	
1,2-Dibromoethane (EDB)	ug/L	<100	<100		
1,2-Dichloroethane	ug/L	<100	<100		
1,2-Dichloropropane	ug/L	<100	<100		
1,3,5-Trimethylbenzene	ug/L	677	626	8	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

SAMPLE DUPLICATE: 712496

Parameter	Units	70120202002 Result	Dup Result	RPD	Qualifiers
1,3-Dichlorobenzene	ug/L	<100	<100		
1,3-Dichloropropane	ug/L	<100	<100		
1,4-Diethylbenzene	ug/L	515	446	14	N3
2,2-Dichloropropane	ug/L	<100	<100		
2-Butanone (MEK)	ug/L	<500	<500		
2-Chlorotoluene	ug/L	<100	<100		
2-Hexanone	ug/L	<500	<500		
4-Chlorotoluene	ug/L	<100	<100		
4-Methyl-2-pentanone (MIBK)	ug/L	<500	<500		
Acetone	ug/L	<500	<500		CH
Benzene	ug/L	1760	1630	8	
Bromobenzene	ug/L	<100	<100		
Bromochloromethane	ug/L	<100	<100		
Bromodichloromethane	ug/L	<100	<100		
Bromoform	ug/L	<100	<100		
Bromomethane	ug/L	<100	<100		CL
Carbon disulfide	ug/L	<100	<100		
Carbon tetrachloride	ug/L	<100	<100		
Chlorobenzene	ug/L	<100	<100		
Chlorodifluoromethane	ug/L	<100	<100		N3
Chloroethane	ug/L	<100	<100		
Chloroform	ug/L	<100	<100		
Chloromethane	ug/L	<100	<100		CL
cis-1,2-Dichloroethene	ug/L	<100	<100		
cis-1,3-Dichloropropene	ug/L	<100	<100		
Dibromochloromethane	ug/L	<100	<100		
Dibromomethane	ug/L	<100	<100		
Dichlorodifluoromethane	ug/L	<100	<100		CL
Ethanol	ug/L	<25000	<25000		
Ethylbenzene	ug/L	1730	1590	8	
Hexachloro-1,3-butadiene	ug/L	<100	<100		
Isopropylbenzene (Cumene)	ug/L	141	134	5	
Methylene Chloride	ug/L	<100	<100		
n-Butylbenzene	ug/L	116	102	13	
n-Propylbenzene	ug/L	415	372	11	
p-Isopropyltoluene	ug/L	<100	<100		
sec-Butylbenzene	ug/L	<100	<100		
Styrene	ug/L	<100	<100		
tert-Butylbenzene	ug/L	<100	<100		
Tetrachloroethene	ug/L	<100	<100		
Toluene	ug/L	2120	1950	8	
trans-1,2-Dichloroethene	ug/L	<100	<100		
trans-1,3-Dichloropropene	ug/L	<100	<100		
trans-1,4-Dichloro-2-butene	ug/L	<100	<100		
Trichloroethene	ug/L	<100	<100		
Vinyl chloride	ug/L	<100	<100		CL
Xylene (Total)	ug/L	6630	6030	10	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

SAMPLE DUPLICATE: 712496

Parameter	Units	70120202002 Result	Dup Result	RPD	Qualifiers
1,2-Dichloroethane-d4 (S)	%	100	99		
4-Bromofluorobenzene (S)	%	102	108		
Toluene-d8 (S)	%	92	99		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

QC Batch: 148625

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Associated Lab Samples: 70120210003

METHOD BLANK: 712546

Matrix: Water

Associated Lab Samples: 70120210003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
1,1-Dichloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
1,1-Dichloroethene	ug/L	<1.0	1.0	02/06/20 17:10	
1,1-Dichloropropene	ug/L	<1.0	1.0	02/06/20 17:10	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	02/06/20 17:10	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	02/06/20 17:10	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	02/06/20 17:10	
1,2-Dichloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
1,2-Dichloropropane	ug/L	<1.0	1.0	02/06/20 17:10	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	02/06/20 17:10	
1,3-Dichloropropane	ug/L	<1.0	1.0	02/06/20 17:10	
1,4-Diethylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	02/06/20 17:10	
2-Butanone (MEK)	ug/L	<5.0	5.0	02/06/20 17:10	
2-Chlorotoluene	ug/L	<1.0	1.0	02/06/20 17:10	
2-Hexanone	ug/L	<5.0	5.0	02/06/20 17:10	
4-Chlorotoluene	ug/L	<1.0	1.0	02/06/20 17:10	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	02/06/20 17:10	
Acetone	ug/L	<5.0	5.0	02/06/20 17:10	
Benzene	ug/L	<1.0	1.0	02/06/20 17:10	
Bromobenzene	ug/L	<1.0	1.0	02/06/20 17:10	
Bromochloromethane	ug/L	<1.0	1.0	02/06/20 17:10	
Bromodichloromethane	ug/L	<1.0	1.0	02/06/20 17:10	
Bromoform	ug/L	<1.0	1.0	02/06/20 17:10	
Bromomethane	ug/L	<1.0	1.0	02/06/20 17:10	CL
Carbon disulfide	ug/L	<1.0	1.0	02/06/20 17:10	
Carbon tetrachloride	ug/L	<1.0	1.0	02/06/20 17:10	
Chlorobenzene	ug/L	<1.0	1.0	02/06/20 17:10	
Chlorodifluoromethane	ug/L	<1.0	1.0	02/06/20 17:10	N3
Chloroethane	ug/L	<1.0	1.0	02/06/20 17:10	
Chloroform	ug/L	<1.0	1.0	02/06/20 17:10	
Chloromethane	ug/L	<1.0	1.0	02/06/20 17:10	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	02/06/20 17:10	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	02/06/20 17:10	
Dibromochloromethane	ug/L	<1.0	1.0	02/06/20 17:10	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

METHOD BLANK: 712546

Matrix: Water

Associated Lab Samples: 70120210003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<1.0	1.0	02/06/20 17:10	
Dichlorodifluoromethane	ug/L	<1.0	1.0	02/06/20 17:10	
Ethanol	ug/L	<250	250	02/06/20 17:10	
Ethylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	02/06/20 17:10	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	02/06/20 17:10	
Methylene Chloride	ug/L	<1.0	1.0	02/06/20 17:10	
n-Butylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
n-Propylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
p-Isopropyltoluene	ug/L	<1.0	1.0	02/06/20 17:10	
sec-Butylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
Styrene	ug/L	<1.0	1.0	02/06/20 17:10	
tert-Butylbenzene	ug/L	<1.0	1.0	02/06/20 17:10	
Tetrachloroethene	ug/L	<1.0	1.0	02/06/20 17:10	
Toluene	ug/L	<1.0	1.0	02/06/20 17:10	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	02/06/20 17:10	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	02/06/20 17:10	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	02/06/20 17:10	
Trichloroethene	ug/L	<1.0	1.0	02/06/20 17:10	
Vinyl chloride	ug/L	<1.0	1.0	02/06/20 17:10	
Xylene (Total)	ug/L	<3.0	3.0	02/06/20 17:10	
1,2-Dichloroethane-d4 (S)	%	93	68-153	02/06/20 17:10	
4-Bromofluorobenzene (S)	%	97	79-124	02/06/20 17:10	
Toluene-d8 (S)	%	98	69-124	02/06/20 17:10	

LABORATORY CONTROL SAMPLE: 712547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.3	89	74-113	
1,1,1-Trichloroethane	ug/L	50	41.4	83	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	54.5	109	74-121	
1,1,2-Trichloroethane	ug/L	50	51.0	102	80-117	
1,1-Dichloroethane	ug/L	50	39.1	78	83-151	L2
1,1-Dichloroethene	ug/L	50	38.5	77	45-146	
1,1-Dichloropropene	ug/L	50	44.3	89	59-127	
1,2,3-Trichlorobenzene	ug/L	50	38.2	76	67-103	
1,2,3-Trichloropropane	ug/L	50	52.8	106	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	40.6	81	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	44.5	89	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	52.2	104	83-115	
1,2-Dichloroethane	ug/L	50	47.9	96	74-129	
1,2-Dichloropropane	ug/L	50	47.9	96	75-117	
1,3,5-Trimethylbenzene	ug/L	50	44.4	89	67-116	
1,3-Dichlorobenzene	ug/L	50	47.5	95	71-112	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

LABORATORY CONTROL SAMPLE: 712547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	49.2	98	74-112	
1,4-Diethylbenzene	ug/L	50	43.2	86	56-130	N3
2,2-Dichloropropane	ug/L	50	34.2	68	63-133	
2-Butanone (MEK)	ug/L	50	52.1	104	44-162	CH
2-Chlorotoluene	ug/L	50	46.9	94	74-101	
2-Hexanone	ug/L	50	60.8	122	32-183	CH
4-Chlorotoluene	ug/L	50	47.5	95	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	56.9	114	69-132	
Acetone	ug/L	50	57.4	115	23-188	CH
Benzene	ug/L	50	46.7	93	73-119	
Bromobenzene	ug/L	50	51.2	102	72-102	
Bromochloromethane	ug/L	50	40.6	81	81-116	
Bromodichloromethane	ug/L	50	46.6	93	78-117	
Bromoform	ug/L	50	47.2	94	65-122	
Bromomethane	ug/L	50	33.7	67	52-147	CL
Carbon disulfide	ug/L	50	37.4	75	41-144	
Carbon tetrachloride	ug/L	50	38.5	77	59-120	
Chlorobenzene	ug/L	50	46.5	93	75-113	
Chlorodifluoromethane	ug/L	50	50.3	101	43-140	N3
Chloroethane	ug/L	50	37.2	74	49-151	
Chloroform	ug/L	50	45.0	90	72-122	
Chloromethane	ug/L	50	38.8	78	46-144	
cis-1,2-Dichloroethene	ug/L	50	45.4	91	72-121	
cis-1,3-Dichloropropene	ug/L	50	45.9	92	78-116	
Dibromochloromethane	ug/L	50	46.1	92	70-120	
Dibromomethane	ug/L	50	48.1	96	75-125	
Dichlorodifluoromethane	ug/L	50	70.2	140	22-154	
Ethanol	ug/L	1250	1490	119	10-151	
Ethylbenzene	ug/L	50	46.7	93	70-113	
Hexachloro-1,3-butadiene	ug/L	50	36.8	74	59-121	
Isopropylbenzene (Cumene)	ug/L	50	45.6	91	67-115	
Methylene Chloride	ug/L	50	42.4	85	61-142	
n-Butylbenzene	ug/L	50	44.4	89	73-107	
n-Propylbenzene	ug/L	50	45.8	92	68-116	
p-Isopropyltoluene	ug/L	50	43.9	88	73-101	
sec-Butylbenzene	ug/L	50	44.6	89	72-103	
Styrene	ug/L	50	50.3	101	72-118	
tert-Butylbenzene	ug/L	50	44.6	89	68-100	
Tetrachloroethene	ug/L	50	43.6	87	60-128	
Toluene	ug/L	50	47.8	96	72-119	
trans-1,2-Dichloroethene	ug/L	50	41.2	82	56-142	
trans-1,3-Dichloropropene	ug/L	50	47.1	94	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	44.8	90	71-121	
Trichloroethene	ug/L	50	44.7	89	69-117	
Vinyl chloride	ug/L	50	39.1	78	43-143	
Xylene (Total)	ug/L	150	143	95	71-109	
1,2-Dichloroethane-d4 (S)	%			103	68-153	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

LABORATORY CONTROL SAMPLE: 712547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			108	79-124	
Toluene-d8 (S)	%			92	69-124	

MATRIX SPIKE SAMPLE: 713279

Parameter	Units	30348699002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	44.0	88	74-113	
1,1,1-Trichloroethane	ug/L	ND	50	46.3	93	65-118	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	52.9	106	74-121	
1,1,2-Trichloroethane	ug/L	ND	50	52.2	104	80-117	
1,1-Dichloroethane	ug/L	ND	50	44.8	90	83-151	
1,1-Dichloroethene	ug/L	ND	50	48.0	96	45-146	
1,1-Dichloropropene	ug/L	ND	50	50.7	101	59-127	
1,2,3-Trichlorobenzene	ug/L	ND	50	40.7	81	67-103	
1,2,3-Trichloropropane	ug/L	ND	50	52.2	104	71-123	
1,2,4,5-tetramethylbenzene	ug/L	ND	50	44.8	90	66-103	N3
1,2,4-Trimethylbenzene	ug/L	ND	50	48.4	97	68-116	
1,2-Dibromoethane (EDB)	ug/L	ND	50	51.0	102	83-115	
1,2-Dichloroethane	ug/L	ND	50	47.9	96	74-129	
1,2-Dichloropropane	ug/L	ND	50	50.0	100	75-117	
1,3,5-Trimethylbenzene	ug/L	ND	50	48.7	97	67-116	
1,3-Dichlorobenzene	ug/L	ND	50	52.5	105	71-112	
1,3-Dichloropropane	ug/L	ND	50	47.8	96	74-112	
1,4-Diethylbenzene	ug/L	ND	50	47.1	94	56-130	N3
2,2-Dichloropropane	ug/L	ND	50	33.1	66	63-133	
2-Butanone (MEK)	ug/L	ND	50	42.5	85	44-162	CH
2-Chlorotoluene	ug/L	ND	50	52.0	104	74-101	M1
2-Hexanone	ug/L	ND	50	55.2	110	32-183	CH
4-Chlorotoluene	ug/L	ND	50	52.9	106	74-101	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50	52.4	105	69-132	
Acetone	ug/L	ND	50	55.5	111	23-188	CH
Benzene	ug/L	ND	50	51.1	102	73-119	
Bromobenzene	ug/L	ND	50	55.6	111	72-102	M1
Bromochloromethane	ug/L	ND	50	42.5	85	81-116	
Bromodichloromethane	ug/L	ND	50	45.7	91	78-117	
Bromoform	ug/L	ND	50	39.3	79	65-122	
Bromomethane	ug/L	ND	50	35.3	71	52-147	CL
Carbon disulfide	ug/L	ND	50	43.0	86	41-144	
Carbon tetrachloride	ug/L	ND	50	40.2	80	59-120	
Chlorobenzene	ug/L	ND	50	52.6	105	75-113	
Chlorodifluoromethane	ug/L	ND	50	62.6	125	43-140	N3
Chloroethane	ug/L	ND	50	43.8	88	49-151	
Chloroform	ug/L	ND	50	49.0	98	72-122	
Chloromethane	ug/L	ND	50	45.1	90	46-144	
cis-1,2-Dichloroethene	ug/L	ND	50	47.3	95	72-121	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

MATRIX SPIKE SAMPLE: 713279		30348699002	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
cis-1,3-Dichloropropene	ug/L	ND	50	42.9	86	78-116	
Dibromochloromethane	ug/L	ND	50	42.1	84	70-120	
Dibromomethane	ug/L	ND	50	49.6	99	75-125	
Dichlorodifluoromethane	ug/L	ND	50	81.8	164	22-154	M1
Ethanol	ug/L	ND	1250	1360	109	10-151	
Ethylbenzene	ug/L	ND	50	53.1	106	70-113	
Hexachloro-1,3-butadiene	ug/L	ND	50	40.8	82	59-121	
Isopropylbenzene (Cumene)	ug/L	ND	50	52.5	105	67-115	
Methylene Chloride	ug/L	ND	50	46.4	93	61-142	
n-Butylbenzene	ug/L	ND	50	49.9	100	73-107	
n-Propylbenzene	ug/L	ND	50	52.3	105	68-116	
p-Isopropyltoluene	ug/L	ND	50	49.0	98	73-101	
sec-Butylbenzene	ug/L	ND	50	51.6	103	72-103	
Styrene	ug/L	ND	50	55.4	111	72-118	
tert-Butylbenzene	ug/L	ND	50	51.3	103	68-100	M1
Tetrachloroethene	ug/L	ND	50	50.7	101	60-128	
Toluene	ug/L	ND	50	55.6	111	72-119	
trans-1,2-Dichloroethene	ug/L	ND	50	47.9	96	56-142	
trans-1,3-Dichloropropene	ug/L	ND	50	43.1	86	79-116	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	38.3	77	71-121	
Trichloroethene	ug/L	ND	50	48.8	98	69-117	
Vinyl chloride	ug/L	ND	50	44.8	90	43-143	
Xylene (Total)	ug/L	ND	150	162	108	71-109	
1,2-Dichloroethane-d4 (S)	%				104	68-153	
4-Bromofluorobenzene (S)	%				107	79-124	
Toluene-d8 (S)	%				94	69-124	

SAMPLE DUPLICATE: 713278

Parameter	Units	30348699001	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	ND	<20.0		
1,1,1-Trichloroethane	ug/L	ND	<20.0		
1,1,2,2-Tetrachloroethane	ug/L	ND	<20.0		
1,1,2-Trichloroethane	ug/L	ND	<20.0		
1,1-Dichloroethane	ug/L	ND	<20.0		
1,1-Dichloroethene	ug/L	ND	<20.0		
1,1-Dichloropropene	ug/L	ND	<20.0		
1,2,3-Trichlorobenzene	ug/L	ND	<20.0		
1,2,3-Trichloropropane	ug/L	ND	<20.0		
1,2,4,5-tetramethylbenzene	ug/L	46.9	48.8	4	N3
1,2,4-Trimethylbenzene	ug/L	992	1000	1	
1,2-Dibromoethane (EDB)	ug/L	ND	<20.0		
1,2-Dichloroethane	ug/L	ND	<20.0		
1,2-Dichloropropane	ug/L	ND	<20.0		
1,3,5-Trimethylbenzene	ug/L	299	298	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

SAMPLE DUPLICATE: 713278

Parameter	Units	30348699001 Result	Dup Result	RPD	Qualifiers
1,3-Dichlorobenzene	ug/L	ND	<20.0		
1,3-Dichloropropane	ug/L	ND	<20.0		
1,4-Diethylbenzene	ug/L	128	128	0	N3
2,2-Dichloropropane	ug/L	ND	<20.0		
2-Butanone (MEK)	ug/L	ND	<100		
2-Chlorotoluene	ug/L	ND	<20.0		
2-Hexanone	ug/L	ND	<100		
4-Chlorotoluene	ug/L	ND	<20.0		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	<100		
Acetone	ug/L	ND	<100		
Benzene	ug/L	441	423	4	
Bromobenzene	ug/L	ND	<20.0		
Bromochloromethane	ug/L	ND	<20.0		
Bromodichloromethane	ug/L	ND	<20.0		
Bromoform	ug/L	ND	<20.0		
Bromomethane	ug/L	ND	<20.0		CL
Carbon disulfide	ug/L	ND	<20.0		
Carbon tetrachloride	ug/L	ND	<20.0		
Chlorobenzene	ug/L	ND	<20.0		
Chlorodifluoromethane	ug/L	ND	<20.0		N3
Chloroethane	ug/L	ND	<20.0		
Chloroform	ug/L	ND	<20.0		
Chloromethane	ug/L	ND	<20.0		
cis-1,2-Dichloroethene	ug/L	ND	<20.0		
cis-1,3-Dichloropropene	ug/L	ND	<20.0		
Dibromochloromethane	ug/L	ND	<20.0		
Dibromomethane	ug/L	ND	<20.0		
Dichlorodifluoromethane	ug/L	ND	<20.0		
Ethanol	ug/L	ND	<5000		
Ethylbenzene	ug/L	128	122	5	
Hexachloro-1,3-butadiene	ug/L	ND	<20.0		
Isopropylbenzene (Cumene)	ug/L	ND	<20.0		
Methylene Chloride	ug/L	ND	<20.0		
n-Butylbenzene	ug/L	ND	<20.0		
n-Propylbenzene	ug/L	24.7	24.0	3	
p-Isopropyltoluene	ug/L	ND	<20.0		
sec-Butylbenzene	ug/L	ND	<20.0		
Styrene	ug/L	ND	<20.0		
tert-Butylbenzene	ug/L	ND	<20.0		
Tetrachloroethene	ug/L	ND	<20.0		
Toluene	ug/L	1950	1900	3	
trans-1,2-Dichloroethene	ug/L	ND	<20.0		
trans-1,3-Dichloropropene	ug/L	ND	<20.0		
trans-1,4-Dichloro-2-butene	ug/L	ND	<20.0		
Trichloroethene	ug/L	ND	<20.0		
Vinyl chloride	ug/L	ND	<20.0		
Xylene (Total)	ug/L	4540	4480	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

SAMPLE DUPLICATE: 713278

Parameter	Units	30348699001 Result	Dup Result	RPD	Qualifiers
1,2-Dichloroethane-d4 (S)	%	95	96		
4-Bromofluorobenzene (S)	%	103	105		
Toluene-d8 (S)	%	94	95		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 1/31

Pace Project No.: 70120210

QC Batch:	148264	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	70120210001, 70120210002, 70120210003		

METHOD BLANK: 710892 Matrix: Water

Associated Lab Samples: 70120210001, 70120210002, 70120210003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<10.0	10.0	02/05/20 09:10	

LABORATORY CONTROL SAMPLE: 710893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	454	91	85-115	

MATRIX SPIKE SAMPLE: 710895

Parameter	Units	70120101003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	205	300	512	102	75-125	

MATRIX SPIKE SAMPLE: 710897

Parameter	Units	70120210003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	139	300	447	103	75-125	

SAMPLE DUPLICATE: 710894

Parameter	Units	70120101003 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	205	215	5	

SAMPLE DUPLICATE: 710896

Parameter	Units	70120210003 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	139	125	11 D6	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: MONTHLY 1/31

Pace Project No.: 70120210

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
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.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MONTHLY 1/31

Pace Project No.: 70120210

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70120210001	INFLUENT#1	EPA 200.7	148159	EPA 200.7	148166
70120210002	INFLUENT#2	EPA 200.7	148159	EPA 200.7	148166
70120210003	EFFLUENT#1	EPA 200.7	148159	EPA 200.7	148166
70120210001	INFLUENT#1	EPA 200.7	148636		
70120210002	INFLUENT#2	EPA 200.7	148636		
70120210003	EFFLUENT#1	EPA 200.7	148636		
70120210001	INFLUENT#1	EPA 8260C/5030C	148434		
70120210002	INFLUENT#2	EPA 8260C/5030C	148434		
70120210003	EFFLUENT#1	EPA 8260C/5030C	148625		
70120210001	INFLUENT#1	SM22 2540C	148264		
70120210002	INFLUENT#2	SM22 2540C	148264		
70120210003	EFFLUENT#1	SM22 2540C	148264		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

[illegible]

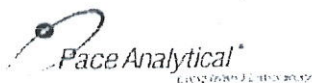
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section C

Subject Information:

[illegible][illegible]

Page 28 of 29



Sample Condition Upon Receipt

Client Name:

FAIR

Pro

WO#: 70120210

PM: JSA Due Date: 02/11/20

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Ziploc ☐ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.2

Cooler Temperature (°C): 3.1

Cooler Temperature Corrected (°C): 3.3

Temperature Blank Present: ☐ Yes ☒ NoType of Ice: ☒ Wet ☐ Blue ☐ None☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: HJR 1/31/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No		6.
Rush Turn Around Time Requested:	☐ Yes	☒ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☒ No	☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL (W) OIL				
All containers needing preservation have been checked	☒ Yes	☐ No	☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # HCG98032				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	☒ Yes	☐ No	☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐ Yes	☐ No	☒ N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual Chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☒ No	☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

March 10, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

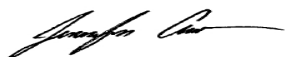
RE: Project: MONTHLY 2/28
Pace Project No.: 70123356

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on February 28, 2020. 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,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Sample: INFLUENT #1		Lab ID: 70123356001		Collected: 02/28/20 12:20		Received: 02/28/20 13:16		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Beryllium	<5.0	ug/L	5.0	1	03/03/20 09:54	03/09/20 22:07	7440-41-7		
Iron	748	ug/L	100	1	03/03/20 09:54	03/09/20 22:07	7439-89-6		
Manganese	78.2	ug/L	10.0	1	03/03/20 09:54	03/09/20 22:07	7439-96-5		
Zinc	127	ug/L	20.0	1	03/03/20 09:54	03/09/20 22:07	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		03/05/20 14:27	7440-41-7		
Iron, Dissolved	124	ug/L	20.0	1		03/05/20 14:27	7439-89-6		
Manganese, Dissolved	82.0	ug/L	10.0	1		03/05/20 14:27	7439-96-5		
Zinc, Dissolved	108	ug/L	20.0	1		03/05/20 14:27	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Acetone	<5.0	ug/L	5.0	1		03/04/20 12:36	67-64-1	IC	
Benzene	1.8	ug/L	1.0	1		03/04/20 12:36	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		03/04/20 12:36	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		03/04/20 12:36	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		03/04/20 12:36	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		03/04/20 12:36	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/04/20 12:36	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		03/04/20 12:36	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/04/20 12:36	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/04/20 12:36	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		03/04/20 12:36	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		03/04/20 12:36	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		03/04/20 12:36	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/04/20 12:36	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/04/20 12:36	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/04/20 12:36	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/04/20 12:36	106-93-4	L2	
Dibromomethane	<1.0	ug/L	1.0	1		03/04/20 12:36	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/04/20 12:36	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/04/20 12:36	75-71-8	CL	
1,1-Dichloroethane	19.1	ug/L	1.0	1		03/04/20 12:36	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:36	107-06-2		
1,1-Dichloroethene	9.5	ug/L	1.0	1		03/04/20 12:36	75-35-4		
cis-1,2-Dichloroethene	287	ug/L	10.0	10		03/04/20 14:05	156-59-2		
trans-1,2-Dichloroethene	2.6	ug/L	1.0	1		03/04/20 12:36	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:36	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:36	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:36	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Sample: INFLUENT #1		Lab ID: 70123356001	Collected: 02/28/20 12:20	Received: 02/28/20 13:16	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 12:36	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 12:36	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 12:36	10061-02-6	L2
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	105-05-5	N3
Ethanol	<250	ug/L	250	1		03/04/20 12:36	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/04/20 12:36	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		03/04/20 12:36	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/04/20 12:36	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/04/20 12:36	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		03/04/20 12:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/04/20 12:36	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	103-65-1	
Styrene	<1.0	ug/L	1.0	1		03/04/20 12:36	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/04/20 12:36	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/04/20 12:36	79-34-5	
Tetrachloroethene	895	ug/L	10.0	10		03/04/20 14:05	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		03/04/20 12:36	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:36	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:36	79-00-5	
Trichloroethene	143	ug/L	1.0	1		03/04/20 12:36	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:36	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:36	108-67-8	
Vinyl chloride	41.8	ug/L	1.0	1		03/04/20 12:36	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/04/20 12:36	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		03/04/20 12:36	17060-07-0	
4-Bromofluorobenzene (S)	92	%	79-124	1		03/04/20 12:36	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		03/04/20 12:36	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C						
Total Dissolved Solids	137	mg/L	10.0	1		03/04/20 11:16		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Sample: INFLUENT #2		Lab ID: 70123356002		Collected: 02/28/20 12:30		Received: 02/28/20 13:16		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Beryllium	<5.0	ug/L	5.0	1	03/03/20 09:54	03/09/20 21:41	7440-41-7		
Iron	1460	ug/L	100	1	03/03/20 09:54	03/09/20 21:41	7439-89-6		
Manganese	75.9	ug/L	10.0	1	03/03/20 09:54	03/09/20 21:41	7439-96-5		
Zinc	20.6	ug/L	20.0	1	03/03/20 09:54	03/09/20 21:41	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		03/05/20 14:28	7440-41-7		
Iron, Dissolved	143	ug/L	20.0	1		03/05/20 14:28	7439-89-6		
Manganese, Dissolved	70.7	ug/L	10.0	1		03/05/20 14:28	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		03/05/20 14:28	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Acetone	<5.0	ug/L	5.0	1		03/04/20 12:59	67-64-1	CH,IC	
Benzene	<1.0	ug/L	1.0	1		03/04/20 12:59	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		03/04/20 12:59	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		03/04/20 12:59	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		03/04/20 12:59	75-25-2	M1	
Bromomethane	<1.0	ug/L	1.0	1		03/04/20 12:59	74-83-9	CH	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/04/20 12:59	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		03/04/20 12:59	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/04/20 12:59	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/04/20 12:59	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		03/04/20 12:59	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		03/04/20 12:59	74-87-3	CH	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/04/20 12:59	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/04/20 12:59	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/04/20 12:59	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/04/20 12:59	106-93-4	L2,M0	
Dibromomethane	<1.0	ug/L	1.0	1		03/04/20 12:59	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/04/20 12:59	110-57-6	CH	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/04/20 12:59	75-71-8	CL	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/04/20 12:59	75-35-4		
cis-1,2-Dichloroethene	1.4	ug/L	1.0	1		03/04/20 12:59	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/04/20 12:59	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:59	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:59	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:59	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Sample: INFLUENT #2		Lab ID: 70123356002		Collected: 02/28/20 12:30		Received: 02/28/20 13:16		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 12:59	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 12:59	10061-01-5	M1	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 12:59	10061-02-6	L2,M0	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	105-05-5	N3	
Ethanol	<250	ug/L	250	1		03/04/20 12:59	64-17-5	CH	
Ethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/04/20 12:59	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		03/04/20 12:59	591-78-6	CH	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/04/20 12:59	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/04/20 12:59	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		03/04/20 12:59	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/04/20 12:59	108-10-1	CH	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	103-65-1		
Styrene	<1.0	ug/L	1.0	1		03/04/20 12:59	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	79-34-5	CH	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/04/20 12:59	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		03/04/20 12:59	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/04/20 12:59	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		03/04/20 12:59	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/04/20 12:59	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/04/20 12:59	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		03/04/20 12:59	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/04/20 12:59	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		03/04/20 12:59	17060-07-0		
4-Bromofluorobenzene (S)	92	%	79-124	1		03/04/20 12:59	460-00-4		
Toluene-d8 (S)	97	%	69-124	1		03/04/20 12:59	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	136	mg/L	10.0	1		03/04/20 11:16			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Sample: EFFLUENT #1		Lab ID: 70123356003		Collected: 02/28/20 12:40		Received: 02/28/20 13:16		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Beryllium	<5.0	ug/L	5.0	1	03/03/20 09:54	03/09/20 21:46	7440-41-7		
Iron	1840	ug/L	100	1	03/03/20 09:54	03/09/20 21:46	7439-89-6		
Manganese	69.3	ug/L	10.0	1	03/03/20 09:54	03/09/20 21:46	7439-96-5		
Zinc	24.9	ug/L	20.0	1	03/03/20 09:54	03/09/20 21:46	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		03/05/20 14:29	7440-41-7		
Iron, Dissolved	469	ug/L	20.0	1		03/05/20 14:29	7439-89-6		
Manganese, Dissolved	66.4	ug/L	10.0	1		03/05/20 14:29	7439-96-5		
Zinc, Dissolved	20.4	ug/L	20.0	1		03/05/20 14:29	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Acetone	<5.0	ug/L	5.0	1		03/04/20 13:22	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		03/04/20 13:22	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		03/04/20 13:22	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		03/04/20 13:22	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		03/04/20 13:22	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		03/04/20 13:22	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/04/20 13:22	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		03/04/20 13:22	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/04/20 13:22	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		03/04/20 13:22	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		03/04/20 13:22	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		03/04/20 13:22	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/04/20 13:22	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/04/20 13:22	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/04/20 13:22	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/04/20 13:22	106-93-4	L2	
Dibromomethane	<1.0	ug/L	1.0	1		03/04/20 13:22	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		03/04/20 13:22	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/04/20 13:22	75-71-8	CL	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/04/20 13:22	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/04/20 13:22	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/04/20 13:22	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 13:22	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 13:22	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/04/20 13:22	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 2/28

Pace Project No.: 70123356

Sample: EFFLUENT #1		Lab ID: 70123356003		Collected: 02/28/20 12:40		Received: 02/28/20 13:16		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 13:22	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 13:22	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/04/20 13:22	10061-02-6	L2	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	105-05-5	N3	
Ethanol	<250	ug/L	250	1		03/04/20 13:22	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/04/20 13:22	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		03/04/20 13:22	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/04/20 13:22	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/04/20 13:22	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		03/04/20 13:22	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/04/20 13:22	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	103-65-1		
Styrene	<1.0	ug/L	1.0	1		03/04/20 13:22	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/04/20 13:22	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		03/04/20 13:22	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/04/20 13:22	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		03/04/20 13:22	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/04/20 13:22	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/04/20 13:22	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		03/04/20 13:22	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/04/20 13:22	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		03/04/20 13:22	17060-07-0		
4-Bromofluorobenzene (S)	92	%	79-124	1		03/04/20 13:22	460-00-4		
Toluene-d8 (S)	98	%	69-124	1		03/04/20 13:22	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	123	mg/L	10.0	1		03/04/20 11:16			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

QC Batch:	151868	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
Associated Lab Samples:	70123356001, 70123356002, 70123356003		

METHOD BLANK: 729044 Matrix: Water

Associated Lab Samples: 70123356001, 70123356002, 70123356003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	03/05/20 13:56	
Iron, Dissolved	ug/L	<20.0	20.0	03/05/20 13:56	
Manganese, Dissolved	ug/L	<10.0	10.0	03/05/20 13:56	
Zinc, Dissolved	ug/L	<20.0	20.0	03/05/20 13:56	

LABORATORY CONTROL SAMPLE: 729045

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	51.1	102	85-115	
Iron, Dissolved	ug/L	2000	2030	102	85-115	
Manganese, Dissolved	ug/L	250	250	100	85-115	
Zinc, Dissolved	ug/L	1000	1030	103	85-115	

MATRIX SPIKE SAMPLE: 729047

Parameter	Units	70123310001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	53.8	108	70-130	
Iron, Dissolved	ug/L	77.9	2000	2220	107	70-130	
Manganese, Dissolved	ug/L	569	250	842	109	70-130	
Zinc, Dissolved	ug/L	30.4	1000	1120	109	70-130	

MATRIX SPIKE SAMPLE: 729049

Parameter	Units	70123310002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	54.8	110	70-130	
Iron, Dissolved	ug/L	48.2	2000	2220	109	70-130	
Manganese, Dissolved	ug/L	473	250	755	113	70-130	
Zinc, Dissolved	ug/L	35.8	1000	1150	111	70-130	

SAMPLE DUPLICATE: 729046

Parameter	Units	70123310001 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	77.9	78.7	1	
Manganese, Dissolved	ug/L	569	571	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

SAMPLE DUPLICATE: 729046

Parameter	Units	70123310001 Result	Dup Result	RPD	Qualifiers
Zinc, Dissolved	ug/L	30.4	31.2	3	

SAMPLE DUPLICATE: 729048

Parameter	Units	70123310002 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	48.2	46.9	3	
Manganese, Dissolved	ug/L	473	471	0	
Zinc, Dissolved	ug/L	35.8	36.1	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

QC Batch: 151793 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 70123356001, 70123356002, 70123356003

METHOD BLANK: 728609 Matrix: Water
Associated Lab Samples: 70123356001, 70123356002, 70123356003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	03/09/20 21:02	
Iron	ug/L	<100	100	03/09/20 21:02	
Manganese	ug/L	<10.0	10.0	03/09/20 21:02	
Zinc	ug/L	<20.0	20.0	03/09/20 21:02	

LABORATORY CONTROL SAMPLE: 728610

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	51.9	104	85-115	
Iron	ug/L	2000	2040	102	85-115	
Manganese	ug/L	250	253	101	85-115	
Zinc	ug/L	1000	1000	100	85-115	

MATRIX SPIKE SAMPLE: 728612

Parameter	Units	70123351008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	50.7	101	70-130	
Iron	ug/L	915	2000	3230	116	70-130	
Manganese	ug/L	96.2	250	342	98	70-130	
Zinc	ug/L	0.11 mg/L	1000	1100	99	70-130	

MATRIX SPIKE SAMPLE: 728614

Parameter	Units	70123356001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.8	100	70-130	
Iron	ug/L	748	2000	3050	115	70-130	
Manganese	ug/L	78.2	250	308	92	70-130	
Zinc	ug/L	127	1000	1080	96	70-130	

SAMPLE DUPLICATE: 728611

Parameter	Units	70123351008 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	915	925	1	
Manganese	ug/L	96.2	97.0	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

SAMPLE DUPLICATE: 728611

Parameter	Units	70123351008 Result	Dup Result	RPD	Qualifiers
Zinc	ug/L	0.11 mg/L	120	6	

SAMPLE DUPLICATE: 728613

Parameter	Units	70123356001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	748	731	2	
Manganese	ug/L	78.2	70.5	10	
Zinc	ug/L	127	125	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

QC Batch:	151951	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
Associated Lab Samples:	70123356001, 70123356002, 70123356003		

METHOD BLANK: 729400 Matrix: Water

Associated Lab Samples: 70123356001, 70123356002, 70123356003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/04/20 11:27	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/04/20 11:27	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/04/20 11:27	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/04/20 11:27	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/04/20 11:27	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/04/20 11:27	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/04/20 11:27	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/04/20 11:27	
1,4-Diethylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	03/04/20 11:27	
2-Butanone (MEK)	ug/L	<5.0	5.0	03/04/20 11:27	IL
2-Chlorotoluene	ug/L	<1.0	1.0	03/04/20 11:27	
2-Hexanone	ug/L	<5.0	5.0	03/04/20 11:27	
4-Chlorotoluene	ug/L	<1.0	1.0	03/04/20 11:27	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/04/20 11:27	
Acetone	ug/L	<5.0	5.0	03/04/20 11:27	IC
Benzene	ug/L	<1.0	1.0	03/04/20 11:27	
Bromobenzene	ug/L	<1.0	1.0	03/04/20 11:27	
Bromochloromethane	ug/L	<1.0	1.0	03/04/20 11:27	
Bromodichloromethane	ug/L	<1.0	1.0	03/04/20 11:27	
Bromoform	ug/L	<1.0	1.0	03/04/20 11:27	
Bromomethane	ug/L	<1.0	1.0	03/04/20 11:27	
Carbon disulfide	ug/L	<1.0	1.0	03/04/20 11:27	
Carbon tetrachloride	ug/L	<1.0	1.0	03/04/20 11:27	
Chlorobenzene	ug/L	<1.0	1.0	03/04/20 11:27	
Chlorodifluoromethane	ug/L	<1.0	1.0	03/04/20 11:27	N3
Chloroethane	ug/L	<1.0	1.0	03/04/20 11:27	
Chloroform	ug/L	<1.0	1.0	03/04/20 11:27	
Chloromethane	ug/L	<1.0	1.0	03/04/20 11:27	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/04/20 11:27	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/04/20 11:27	
Dibromochloromethane	ug/L	<1.0	1.0	03/04/20 11:27	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

METHOD BLANK: 729400

Matrix: Water

Associated Lab Samples: 70123356001, 70123356002, 70123356003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<1.0	1.0	03/04/20 11:27	CL
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/04/20 11:27	
Ethanol	ug/L	<250	250	03/04/20 11:27	
Ethylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/04/20 11:27	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/04/20 11:27	
Methylene Chloride	ug/L	<1.0	1.0	03/04/20 11:27	
n-Butylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
n-Propylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/04/20 11:27	
sec-Butylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
Styrene	ug/L	<1.0	1.0	03/04/20 11:27	
tert-Butylbenzene	ug/L	<1.0	1.0	03/04/20 11:27	
Tetrachloroethene	ug/L	<1.0	1.0	03/04/20 11:27	
Toluene	ug/L	<1.0	1.0	03/04/20 11:27	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/04/20 11:27	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/04/20 11:27	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	03/04/20 11:27	
Trichloroethene	ug/L	<1.0	1.0	03/04/20 11:27	
Vinyl chloride	ug/L	<1.0	1.0	03/04/20 11:27	
Xylene (Total)	ug/L	<3.0	3.0	03/04/20 11:27	
1,2-Dichloroethane-d4 (S)	%	94	68-153	03/04/20 11:27	
4-Bromofluorobenzene (S)	%	92	79-124	03/04/20 11:27	
Toluene-d8 (S)	%	97	69-124	03/04/20 11:27	

LABORATORY CONTROL SAMPLE: 729401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	37.1	74	74-113	
1,1,1-Trichloroethane	ug/L	50	35.9	72	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	44.9	90	74-121	CH
1,1,2-Trichloroethane	ug/L	50	42.6	85	80-117	
1,1-Dichloroethane	ug/L	50	44.5	89	83-151	
1,1-Dichloroethene	ug/L	50	40.5	81	45-146	
1,1-Dichloropropene	ug/L	50	40.2	80	59-127	
1,2,3-Trichlorobenzene	ug/L	50	45.4	91	67-103	
1,2,3-Trichloropropane	ug/L	50	39.8	80	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	42.1	84	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	40.6	81	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	39.2	78	83-115	L2
1,2-Dichloroethane	ug/L	50	44.9	90	74-129	
1,2-Dichloropropane	ug/L	50	44.2	88	75-117	
1,3,5-Trimethylbenzene	ug/L	50	39.9	80	67-116	
1,3-Dichlorobenzene	ug/L	50	41.7	83	71-112	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

LABORATORY CONTROL SAMPLE: 729401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	45.1	90	74-112	
1,4-Diethylbenzene	ug/L	50	40.7	81	56-130	N3
2,2-Dichloropropane	ug/L	50	33.3	67	63-133	
2-Butanone (MEK)	ug/L	50	30.3	61	44-162	IL
2-Chlorotoluene	ug/L	50	41.8	84	74-101	
2-Hexanone	ug/L	50	43.0	86	32-183	CH
4-Chlorotoluene	ug/L	50	42.2	84	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	43.7	87	69-132	CH
Acetone	ug/L	50	43.2	86	23-188	CH,IC
Benzene	ug/L	50	42.4	85	73-119	
Bromobenzene	ug/L	50	40.1	80	72-102	
Bromochloromethane	ug/L	50	45.3	91	81-116	
Bromodichloromethane	ug/L	50	40.2	80	78-117	
Bromoform	ug/L	50	34.2	68	65-122	
Bromomethane	ug/L	50	67.7	135	52-147	CH
Carbon disulfide	ug/L	50	37.4	75	41-144	
Carbon tetrachloride	ug/L	50	34.2	68	59-120	
Chlorobenzene	ug/L	50	41.9	84	75-113	
Chlorodifluoromethane	ug/L	50	36.1	72	43-140	N3
Chloroethane	ug/L	50	46.7	93	49-151	
Chloroform	ug/L	50	45.9	92	72-122	
Chloromethane	ug/L	50	56.8	114	46-144	CH
cis-1,2-Dichloroethene	ug/L	50	44.1	88	72-121	
cis-1,3-Dichloropropene	ug/L	50	38.8	78	78-116	
Dibromochloromethane	ug/L	50	39.1	78	70-120	
Dibromomethane	ug/L	50	40.4	81	75-125	
Dichlorodifluoromethane	ug/L	50	25.6	51	22-154	CL
Ethanol	ug/L	1250	1100	88	10-151	CH
Ethylbenzene	ug/L	50	39.9	80	70-113	
Hexachloro-1,3-butadiene	ug/L	50	35.2	70	59-121	
Isopropylbenzene (Cumene)	ug/L	50	38.8	78	67-115	
Methylene Chloride	ug/L	50	44.6	89	61-142	
n-Butylbenzene	ug/L	50	41.4	83	73-107	
n-Propylbenzene	ug/L	50	40.4	81	68-116	
p-Isopropyltoluene	ug/L	50	39.0	78	73-101	
sec-Butylbenzene	ug/L	50	39.3	79	72-103	
Styrene	ug/L	50	40.8	82	72-118	
tert-Butylbenzene	ug/L	50	38.7	77	68-100	
Tetrachloroethene	ug/L	50	36.0	72	60-128	
Toluene	ug/L	50	41.5	83	72-119	
trans-1,2-Dichloroethene	ug/L	50	43.8	88	56-142	
trans-1,3-Dichloropropene	ug/L	50	35.8	72	79-116	L2
trans-1,4-Dichloro-2-butene	ug/L	50	50.1	100	71-121	CH
Trichloroethene	ug/L	50	37.9	76	69-117	
Vinyl chloride	ug/L	50	46.9	94	43-143	
Xylene (Total)	ug/L	150	119	79	71-109	
1,2-Dichloroethane-d4 (S)	%			93	68-153	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

LABORATORY CONTROL SAMPLE: 729401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			93	79-124	
Toluene-d8 (S)	%			99	69-124	

MATRIX SPIKE SAMPLE: 729940

Parameter	Units	70123356002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	36.9	74	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	38.4	77	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	45.3	91	74-121	CH
1,1,2-Trichloroethane	ug/L	<1.0	50	43.6	87	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	46.2	92	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	42.1	84	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	44.9	90	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	45.6	91	67-103	
1,2,3-Trichloropropane	ug/L	<1.0	50	39.1	78	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	43.9	88	66-103	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	43.5	87	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	38.4	77	83-115	M0
1,2-Dichloroethane	ug/L	<1.0	50	45.0	90	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	44.1	88	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	43.5	87	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	42.5	85	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	44.9	90	74-112	
1,4-Diethylbenzene	ug/L	<1.0	50	45.4	91	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	33.7	67	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	29.4	59	44-162	IL
2-Chlorotoluene	ug/L	<1.0	50	43.5	87	74-101	
2-Hexanone	ug/L	<5.0	50	41.7	83	32-183	CH
4-Chlorotoluene	ug/L	<1.0	50	43.8	88	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	43.9	88	69-132	CH
Acetone	ug/L	<5.0	50	39.0	78	23-188	CH,IC
Benzene	ug/L	<1.0	50	44.3	89	73-119	
Bromobenzene	ug/L	<1.0	50	39.3	79	72-102	
Bromochloromethane	ug/L	<1.0	50	46.2	92	81-116	
Bromodichloromethane	ug/L	<1.0	50	39.5	79	78-117	
Bromoform	ug/L	<1.0	50	31.4	63	65-122	M1
Bromomethane	ug/L	<1.0	50	65.8	132	52-147	CH
Carbon disulfide	ug/L	<1.0	50	33.4	67	41-144	
Carbon tetrachloride	ug/L	<1.0	50	43.4	87	59-120	
Chlorobenzene	ug/L	<1.0	50	42.9	86	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	35.3	71	43-140	N3
Chloroethane	ug/L	<1.0	50	47.3	95	49-151	
Chloroform	ug/L	<1.0	50	47.0	94	72-122	
Chloromethane	ug/L	<1.0	50	47.1	94	46-144	CH
cis-1,2-Dichloroethene	ug/L	1.4	50	45.2	88	72-121	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

MATRIX SPIKE SAMPLE: 729940

Parameter	Units	70123356002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	50	37.3	75	78-116	M1
Dibromochloromethane	ug/L	<1.0	50	36.9	74	70-120	
Dibromomethane	ug/L	<1.0	50	39.4	79	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	20.7	41	22-154	CL
Ethanol	ug/L	<250	1250	871	70	10-151	CH
Ethylbenzene	ug/L	<1.0	50	42.8	86	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	43.0	86	59-121	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	43.4	87	67-115	
Methylene Chloride	ug/L	<1.0	50	45.9	92	61-142	
n-Butylbenzene	ug/L	<1.0	50	47.7	95	73-107	
n-Propylbenzene	ug/L	<1.0	50	45.1	90	68-116	
p-Isopropyltoluene	ug/L	<1.0	50	44.1	88	73-101	
sec-Butylbenzene	ug/L	<1.0	50	45.7	91	72-103	
Styrene	ug/L	<1.0	50	42.7	85	72-118	
tert-Butylbenzene	ug/L	<1.0	50	44.1	88	68-100	
Tetrachloroethene	ug/L	<1.0	50	41.3	83	60-128	
Toluene	ug/L	<1.0	50	43.5	87	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	45.1	90	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	33.5	67	79-116	M0
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	47.2	94	71-121	CH
Trichloroethene	ug/L	<1.0	50	40.4	81	69-117	
Vinyl chloride	ug/L	<1.0	50	46.6	93	43-143	
Xylene (Total)	ug/L	<3.0	150	125	83	71-109	
1,2-Dichloroethane-d4 (S)	%				93	68-153	
4-Bromofluorobenzene (S)	%				93	79-124	
Toluene-d8 (S)	%				98	69-124	

SAMPLE DUPLICATE: 729707

Parameter	Units	70123356003 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

SAMPLE DUPLICATE: 729707

Parameter	Units	70123356003 Result	Dup Result	RPD	Qualifiers
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		IC
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		CL
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		
Xylene (Total)	ug/L	<3.0	<3.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

SAMPLE DUPLICATE: 729707

Parameter	Units	70123356003 Result	Dup Result	RPD	Qualifiers
1,2-Dichloroethane-d4 (S)	%	93	88		
4-Bromofluorobenzene (S)	%	92	93		
Toluene-d8 (S)	%	98	98		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 2/28

Pace Project No.: 70123356

QC Batch:	151909	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	70123356001, 70123356002, 70123356003		

METHOD BLANK: 729311 Matrix: Water

Associated Lab Samples: 70123356001, 70123356002, 70123356003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<1.0	1.0	03/04/20 10:54	

LABORATORY CONTROL SAMPLE: 729312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	502	100	85-115	

MATRIX SPIKE SAMPLE: 729314

Parameter	Units	70123274001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	482	600	1120	106	75-125	

MATRIX SPIKE SAMPLE: 729316

Parameter	Units	70123375005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	179	300	478	100	75-125	

SAMPLE DUPLICATE: 729313

Parameter	Units	70123274001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	482	494	2	

SAMPLE DUPLICATE: 729315

Parameter	Units	70123375005 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	179	184	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: MONTHLY 2/28

Pace Project No.: 70123356

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

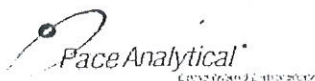
Project: MONTHLY 2/28

Pace Project No.: 70123356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70123356001	INFLUENT #1	EPA 200.7	151793	EPA 200.7	151805
70123356002	INFLUENT #2	EPA 200.7	151793	EPA 200.7	151805
70123356003	EFFLUENT #1	EPA 200.7	151793	EPA 200.7	151805
70123356001	INFLUENT #1	EPA 200.7	151868		
70123356002	INFLUENT #2	EPA 200.7	151868		
70123356003	EFFLUENT #1	EPA 200.7	151868		
70123356001	INFLUENT #1	EPA 8260C/5030C	151951		
70123356002	INFLUENT #2	EPA 8260C/5030C	151951		
70123356003	EFFLUENT #1	EPA 8260C/5030C	151951		
70123356001	INFLUENT #1	SM22 2540C	151909		
70123356002	INFLUENT #2	SM22 2540C	151909		
70123356003	EFFLUENT #1	SM22 2540C	151909		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Sample Condition Upon Receipt

Client Name:

Fairchild Corporation

Project

WO#: 70123356

PM: JSA Due Date: 03/10/20
CLIENT: FAIRCourier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.2

Cooler Temperature (°C): 74

Cooler Temperature Corrected (°C): 73

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

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: IT 2/28/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present: ☒ Yes ☐ No	1.
Chain of Custody Filled Out: ☒ Yes ☐ No	2.
Chain of Custody Relinquished: ☒ Yes ☐ No	3.
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr): ☐ Yes ☒ No	6.
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No	8.
Correct Containers Used: ☒ Yes ☐ No	9.
-Pace Containers Used: ☒ Yes ☐ No	
Containers Intact: ☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: ☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix SL WT OIL	
All containers needing preservation have been checked ☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # HCA032	Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NAOH > 12 Cyanide) ☒ Yes ☐ No ☐ N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	
Samples checked for dechlorination: ☐ Yes ☐ No ☒ N/A	14.
KI starch test strips Lot #	
Residual chlorine strips Lot #	Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present: ☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present ☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):	

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

April 15, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: MONTHLY 4/3
Pace Project No.: 70127000

Dear Jason Fellows:

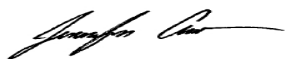
Enclosed are the analytical results for sample(s) received by the laboratory on April 03, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Sample: INFLUENT #1		Lab ID: 70127000001	Collected: 04/03/20 14:10	Received: 04/03/20 15:57	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium	<5.0	ug/L	5.0	1	04/08/20 09:00	04/09/20 20:48	7440-41-7	
Iron	892	ug/L	100	1	04/08/20 09:00	04/09/20 20:48	7439-89-6	
Manganese	85.9	ug/L	10.0	1	04/08/20 09:00	04/09/20 20:48	7439-96-5	
Zinc	39.6	ug/L	20.0	1	04/08/20 09:00	04/09/20 20:48	7440-66-6	
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium, Dissolved	<5.0	ug/L	5.0	1		04/15/20 14:17	7440-41-7	
Iron, Dissolved	261	ug/L	20.0	1		04/15/20 14:17	7439-89-6	
Manganese, Dissolved	82.6	ug/L	10.0	1		04/15/20 14:17	7439-96-5	
Zinc, Dissolved	43.4	ug/L	20.0	1		04/15/20 14:17	7440-66-6	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Acetone	<5.0	ug/L	5.0	1		04/09/20 11:47	67-64-1	IC
Benzene	1.5	ug/L	1.0	1		04/09/20 11:47	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	108-86-1	L1
Bromochloromethane	<1.0	ug/L	1.0	1		04/09/20 11:47	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		04/09/20 11:47	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		04/09/20 11:47	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		04/09/20 11:47	74-83-9	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/09/20 11:47	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		04/09/20 11:47	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/09/20 11:47	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	108-90-7	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/09/20 11:47	75-45-6	N3
Chloroethane	<1.0	ug/L	1.0	1		04/09/20 11:47	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		04/09/20 11:47	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		04/09/20 11:47	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/09/20 11:47	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/09/20 11:47	106-43-4	
Dibromochloromethane	<1.0	ug/L	1.0	1		04/09/20 11:47	124-48-1	L1
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/09/20 11:47	106-93-4	
Dibromomethane	<1.0	ug/L	1.0	1		04/09/20 11:47	74-95-3	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	541-73-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/09/20 11:47	110-57-6	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/09/20 11:47	75-71-8	
1,1-Dichloroethane	12.8	ug/L	1.0	1		04/09/20 11:47	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/09/20 11:47	107-06-2	
1,1-Dichloroethene	5.8	ug/L	1.0	1		04/09/20 11:47	75-35-4	
cis-1,2-Dichloroethene	163	ug/L	1.0	1		04/09/20 11:47	156-59-2	
trans-1,2-Dichloroethene	1.7	ug/L	1.0	1		04/09/20 11:47	156-60-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Sample: INFLUENT #1		Lab ID: 70127000001		Collected: 04/03/20 14:10		Received: 04/03/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 11:47	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 11:47	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 11:47	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 11:47	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 11:47	10061-01-5	L1	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 11:47	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	105-05-5	N3	
Ethanol	<250	ug/L	250	1		04/09/20 11:47	64-17-5	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/09/20 11:47	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		04/09/20 11:47	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/09/20 11:47	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/09/20 11:47	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		04/09/20 11:47	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/09/20 11:47	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	103-65-1		
Styrene	<1.0	ug/L	1.0	1		04/09/20 11:47	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/09/20 11:47	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/09/20 11:47	79-34-5		
Tetrachloroethene	508	ug/L	5.0	5		04/09/20 12:16	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		04/09/20 11:47	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/09/20 11:47	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/09/20 11:47	79-00-5		
Trichloroethene	82.4	ug/L	1.0	1		04/09/20 11:47	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/09/20 11:47	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/09/20 11:47	108-67-8		
Vinyl chloride	18.7	ug/L	1.0	1		04/09/20 11:47	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/09/20 11:47	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		04/09/20 11:47	17060-07-0		
4-Bromofluorobenzene (S)	98	%	79-124	1		04/09/20 11:47	460-00-4		
Toluene-d8 (S)	97	%	69-124	1		04/09/20 11:47	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	119	mg/L	10.0	1		04/10/20 10:00			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Sample: INFLUENT #2		Lab ID: 70127000002		Collected: 04/03/20 14:25		Received: 04/03/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	04/08/20 09:00	04/09/20 20:53	7440-41-7		
Iron	854	ug/L	100	1	04/08/20 09:00	04/09/20 20:53	7439-89-6		
Manganese	88.1	ug/L	10.0	1	04/08/20 09:00	04/09/20 20:53	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	04/08/20 09:00	04/09/20 20:53	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		04/15/20 14:19	7440-41-7		
Iron, Dissolved	97.7	ug/L	20.0	1		04/15/20 14:19	7439-89-6		
Manganese, Dissolved	80.2	ug/L	10.0	1		04/15/20 14:19	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		04/15/20 14:19	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		04/09/20 12:36	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		04/09/20 12:36	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	108-86-1	L1	
Bromochloromethane	<1.0	ug/L	1.0	1		04/09/20 12:36	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/09/20 12:36	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		04/09/20 12:36	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		04/09/20 12:36	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/09/20 12:36	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/09/20 12:36	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/09/20 12:36	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/09/20 12:36	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		04/09/20 12:36	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		04/09/20 12:36	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/09/20 12:36	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/09/20 12:36	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/09/20 12:36	124-48-1	L1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/09/20 12:36	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/09/20 12:36	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/09/20 12:36	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/09/20 12:36	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:36	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:36	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:36	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Sample: INFLUENT #2		Lab ID: 70127000002		Collected: 04/03/20 14:25		Received: 04/03/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:36	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:36	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:36	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 12:36	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 12:36	10061-01-5	L1	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 12:36	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	105-05-5	N3	
Ethanol	<250	ug/L	250	1		04/09/20 12:36	64-17-5	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/09/20 12:36	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		04/09/20 12:36	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/09/20 12:36	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/09/20 12:36	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		04/09/20 12:36	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/09/20 12:36	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	103-65-1		
Styrene	<1.0	ug/L	1.0	1		04/09/20 12:36	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/09/20 12:36	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		04/09/20 12:36	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:36	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:36	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:36	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:36	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		04/09/20 12:36	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/09/20 12:36	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		04/09/20 12:36	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		04/09/20 12:36	460-00-4		
Toluene-d8 (S)	97	%	69-124	1		04/09/20 12:36	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	137	mg/L	10.0	1		04/10/20 10:00			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Sample: EFFLUENT #1		Lab ID: 70127000003		Collected: 04/03/20 14:40		Received: 04/03/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	04/08/20 09:00	04/09/20 21:09	7440-41-7		
Iron	838	ug/L	100	1	04/08/20 09:00	04/09/20 21:09	7439-89-6		
Manganese	87.9	ug/L	10.0	1	04/08/20 09:00	04/09/20 21:09	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	04/08/20 09:00	04/09/20 21:09	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		04/15/20 14:23	7440-41-7		
Iron, Dissolved	263	ug/L	20.0	1		04/15/20 14:23	7439-89-6		
Manganese, Dissolved	82.5	ug/L	10.0	1		04/15/20 14:23	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		04/15/20 14:23	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		04/09/20 12:56	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		04/09/20 12:56	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	108-86-1	L1	
Bromochloromethane	<1.0	ug/L	1.0	1		04/09/20 12:56	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		04/09/20 12:56	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		04/09/20 12:56	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		04/09/20 12:56	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		04/09/20 12:56	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		04/09/20 12:56	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		04/09/20 12:56	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		04/09/20 12:56	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		04/09/20 12:56	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		04/09/20 12:56	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		04/09/20 12:56	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		04/09/20 12:56	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		04/09/20 12:56	124-48-1	L1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		04/09/20 12:56	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		04/09/20 12:56	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		04/09/20 12:56	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		04/09/20 12:56	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:56	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:56	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:56	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 4/3

Pace Project No.: 70127000

Sample: EFFLUENT #1		Lab ID: 70127000003		Collected: 04/03/20 14:40		Received: 04/03/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:56	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:56	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:56	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 12:56	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 12:56	10061-01-5	L1	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		04/09/20 12:56	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	105-05-5	N3	
Ethanol	<250	ug/L	250	1		04/09/20 12:56	64-17-5	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		04/09/20 12:56	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		04/09/20 12:56	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		04/09/20 12:56	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		04/09/20 12:56	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		04/09/20 12:56	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		04/09/20 12:56	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	103-65-1		
Styrene	<1.0	ug/L	1.0	1		04/09/20 12:56	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		04/09/20 12:56	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		04/09/20 12:56	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		04/09/20 12:56	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		04/09/20 12:56	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		04/09/20 12:56	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		04/09/20 12:56	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		04/09/20 12:56	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		04/09/20 12:56	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		04/09/20 12:56	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		04/09/20 12:56	460-00-4		
Toluene-d8 (S)	98	%	69-124	1		04/09/20 12:56	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	120	mg/L	10.0	1		04/10/20 10:00			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

QC Batch:	156771	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70127000001, 70127000002, 70127000003

METHOD BLANK: 755541 Matrix: Water

Associated Lab Samples: 70127000001, 70127000002, 70127000003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	04/15/20 14:15	
Iron, Dissolved	ug/L	<20.0	20.0	04/15/20 14:15	
Manganese, Dissolved	ug/L	<10.0	10.0	04/15/20 14:15	
Zinc, Dissolved	ug/L	<20.0	20.0	04/15/20 14:15	

LABORATORY CONTROL SAMPLE: 755542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	52.3	105	85-115	
Iron, Dissolved	ug/L	2000	2090	104	85-115	
Manganese, Dissolved	ug/L	250	261	104	85-115	
Zinc, Dissolved	ug/L	1000	1050	105	85-115	

MATRIX SPIKE SAMPLE: 756744

Parameter	Units	70127000002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	48.8	98	70-130	
Iron, Dissolved	ug/L	97.7	2000	2090	100	70-130	
Manganese, Dissolved	ug/L	80.2	250	329	100	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	1030	102	70-130	

SAMPLE DUPLICATE: 756743

Parameter	Units	70127000002 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	97.7	94.7	3	
Manganese, Dissolved	ug/L	80.2	77.0	4	
Zinc, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

QC Batch:	156185	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70127000001, 70127000002, 70127000003

METHOD BLANK: 752197 Matrix: Water

Associated Lab Samples: 70127000001, 70127000002, 70127000003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	04/09/20 20:05	
Iron	ug/L	<100	100	04/09/20 20:05	
Manganese	ug/L	<10.0	10.0	04/09/20 20:05	
Zinc	ug/L	<20.0	20.0	04/09/20 20:05	

LABORATORY CONTROL SAMPLE: 752198

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	52.0	104	85-115	
Iron	ug/L	2000	2140	107	85-115	
Manganese	ug/L	250	262	105	85-115	
Zinc	ug/L	1000	1040	104	85-115	

MATRIX SPIKE SAMPLE: 752200

Parameter	Units	30357480001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	5.0 U	50	50.6	101	70-130	
Iron	ug/L	19.7J	2000	2150	106	70-130	
Manganese	ug/L	16.8	250	272	102	70-130	
Zinc	ug/L	20.0 U	1000	1060	105	70-130	

MATRIX SPIKE SAMPLE: 752202

Parameter	Units	30357480002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	5.0 U	50	51.3	103	70-130	
Iron	ug/L	18.1J	2000	2160	107	70-130	
Manganese	ug/L	19.8	250	278	103	70-130	
Zinc	ug/L	20.0 U	1000	1070	106	70-130	

SAMPLE DUPLICATE: 752199

Parameter	Units	30357480001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	5.0 U	<5.0		
Iron	ug/L	19.7J	<100		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

SAMPLE DUPLICATE: 752199

Parameter	Units	30357480001 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	16.8	16.2	4	
Zinc	ug/L	20.0 U	<20.0		

SAMPLE DUPLICATE: 752201

Parameter	Units	30357480002 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	5.0 U	<5.0	3	
Iron	ug/L	18.1J	<100		
Manganese	ug/L	19.8	19.3		
Zinc	ug/L	20.0 U	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

QC Batch: 156370

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70127000001, 70127000002, 70127000003

METHOD BLANK: 753028

Matrix: Water

Associated Lab Samples: 70127000001, 70127000002, 70127000003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
1,1-Dichloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
1,1-Dichloroethene	ug/L	<1.0	1.0	04/09/20 10:25	
1,1-Dichloropropene	ug/L	<1.0	1.0	04/09/20 10:25	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	04/09/20 10:25	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	04/09/20 10:25	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	04/09/20 10:25	
1,2-Dichloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
1,2-Dichloropropane	ug/L	<1.0	1.0	04/09/20 10:25	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	04/09/20 10:25	
1,3-Dichloropropane	ug/L	<1.0	1.0	04/09/20 10:25	
1,4-Diethylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	04/09/20 10:25	
2-Butanone (MEK)	ug/L	<5.0	5.0	04/09/20 10:25	
2-Chlorotoluene	ug/L	<1.0	1.0	04/09/20 10:25	
2-Hexanone	ug/L	<5.0	5.0	04/09/20 10:25	
4-Chlorotoluene	ug/L	<1.0	1.0	04/09/20 10:25	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	04/09/20 10:25	
Acetone	ug/L	<5.0	5.0	04/09/20 10:25	IC
Benzene	ug/L	<1.0	1.0	04/09/20 10:25	
Bromobenzene	ug/L	<1.0	1.0	04/09/20 10:25	
Bromochloromethane	ug/L	<1.0	1.0	04/09/20 10:25	
Bromodichloromethane	ug/L	<1.0	1.0	04/09/20 10:25	
Bromoform	ug/L	<1.0	1.0	04/09/20 10:25	
Bromomethane	ug/L	<1.0	1.0	04/09/20 10:25	
Carbon disulfide	ug/L	<1.0	1.0	04/09/20 10:25	
Carbon tetrachloride	ug/L	<1.0	1.0	04/09/20 10:25	
Chlorobenzene	ug/L	<1.0	1.0	04/09/20 10:25	
Chlorodifluoromethane	ug/L	<1.0	1.0	04/09/20 10:25	N3
Chloroethane	ug/L	<1.0	1.0	04/09/20 10:25	
Chloroform	ug/L	<1.0	1.0	04/09/20 10:25	
Chloromethane	ug/L	<1.0	1.0	04/09/20 10:25	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	04/09/20 10:25	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	04/09/20 10:25	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

METHOD BLANK: 753028

Matrix: Water

Associated Lab Samples: 70127000001, 70127000002, 70127000003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	04/09/20 10:25	
Dibromomethane	ug/L	<1.0	1.0	04/09/20 10:25	
Dichlorodifluoromethane	ug/L	<1.0	1.0	04/09/20 10:25	
Ethanol	ug/L	<250	250	04/09/20 10:25	CL
Ethylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	04/09/20 10:25	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	04/09/20 10:25	
Methylene Chloride	ug/L	<1.0	1.0	04/09/20 10:25	
n-Butylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
n-Propylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
p-Isopropyltoluene	ug/L	<1.0	1.0	04/09/20 10:25	
sec-Butylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
Styrene	ug/L	<1.0	1.0	04/09/20 10:25	
tert-Butylbenzene	ug/L	<1.0	1.0	04/09/20 10:25	
Tetrachloroethene	ug/L	<1.0	1.0	04/09/20 10:25	
Toluene	ug/L	<1.0	1.0	04/09/20 10:25	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	04/09/20 10:25	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	04/09/20 10:25	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	04/09/20 10:25	
Trichloroethene	ug/L	<1.0	1.0	04/09/20 10:25	
Vinyl chloride	ug/L	<1.0	1.0	04/09/20 10:25	
Xylene (Total)	ug/L	<3.0	3.0	04/09/20 10:25	
1,2-Dichloroethane-d4 (S)	%	100	68-153	04/09/20 10:25	
4-Bromofluorobenzene (S)	%	98	79-124	04/09/20 10:25	
Toluene-d8 (S)	%	97	69-124	04/09/20 10:25	

LABORATORY CONTROL SAMPLE: 753029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.9	112	74-113	
1,1,1-Trichloroethane	ug/L	50	56.2	112	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	74-121	
1,1,2-Trichloroethane	ug/L	50	52.2	104	80-117	
1,1-Dichloroethane	ug/L	50	56.6	113	83-151	
1,1-Dichloroethene	ug/L	50	58.9	118	45-146	
1,1-Dichloropropene	ug/L	50	55.2	110	59-127	
1,2,3-Trichlorobenzene	ug/L	50	48.1	96	67-103	
1,2,3-Trichloropropane	ug/L	50	48.2	96	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	51.4	103	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	54.4	109	83-115	
1,2-Dichloroethane	ug/L	50	52.8	106	74-129	
1,2-Dichloropropane	ug/L	50	52.7	105	75-117	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

LABORATORY CONTROL SAMPLE: 753029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.7	103	71-112	
1,3-Dichloropropane	ug/L	50	50.5	101	74-112	
1,4-Diethylbenzene	ug/L	50	50.1	100	56-130	N3
2,2-Dichloropropane	ug/L	50	60.1	120	63-133	
2-Butanone (MEK)	ug/L	50	46.5	93	44-162	
2-Chlorotoluene	ug/L	50	50.2	100	74-101	
2-Hexanone	ug/L	50	54.1	108	32-183	
4-Chlorotoluene	ug/L	50	50.2	100	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	57.1	114	69-132	
Acetone	ug/L	50	28.3	57	23-188	IC
Benzene	ug/L	50	54.9	110	73-119	
Bromobenzene	ug/L	50	51.8	104	72-102	L1
Bromochloromethane	ug/L	50	46.6	93	81-116	
Bromodichloromethane	ug/L	50	57.6	115	78-117	
Bromoform	ug/L	50	53.4	107	65-122	
Bromomethane	ug/L	50	53.8	108	52-147	
Carbon disulfide	ug/L	50	50.1	100	41-144	
Carbon tetrachloride	ug/L	50	60.1	120	59-120	
Chlorobenzene	ug/L	50	51.0	102	75-113	
Chlorodifluoromethane	ug/L	50	60.3	121	43-140	N3
Chloroethane	ug/L	50	48.8	98	49-151	
Chloroform	ug/L	50	55.0	110	72-122	
Chloromethane	ug/L	50	55.3	111	46-144	
cis-1,2-Dichloroethene	ug/L	50	55.6	111	72-121	
cis-1,3-Dichloropropene	ug/L	50	61.0	122	78-116	L1
Dibromochloromethane	ug/L	50	60.7	121	70-120	L1
Dibromomethane	ug/L	50	53.0	106	75-125	
Dichlorodifluoromethane	ug/L	50	56.1	112	22-154	
Ethanol	ug/L	1250	849	68	10-151	CL
Ethylbenzene	ug/L	50	52.1	104	70-113	
Hexachloro-1,3-butadiene	ug/L	50	43.2	86	59-121	
Isopropylbenzene (Cumene)	ug/L	50	51.3	103	67-115	
Methylene Chloride	ug/L	50	51.3	103	61-142	
n-Butylbenzene	ug/L	50	48.1	96	73-107	
n-Propylbenzene	ug/L	50	51.7	103	68-116	
p-Isopropyltoluene	ug/L	50	49.2	98	73-101	
sec-Butylbenzene	ug/L	50	49.1	98	72-103	
Styrene	ug/L	50	56.2	112	72-118	
tert-Butylbenzene	ug/L	50	49.6	99	68-100	
Tetrachloroethene	ug/L	50	51.7	103	60-128	
Toluene	ug/L	50	53.5	107	72-119	
trans-1,2-Dichloroethene	ug/L	50	58.8	118	56-142	
trans-1,3-Dichloropropene	ug/L	50	53.4	107	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	53.1	106	71-121	
Trichloroethene	ug/L	50	54.1	108	69-117	
Vinyl chloride	ug/L	50	55.6	111	43-143	
Xylene (Total)	ug/L	150	159	106	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

LABORATORY CONTROL SAMPLE: 753029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			96	68-153	
4-Bromofluorobenzene (S)	%			103	79-124	
Toluene-d8 (S)	%			98	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 753030 753031

Parameter	Units	70126875009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<5.0	50	50	54.4	59.1	109	118	74-113	8	M1
1,1,1-Trichloroethane	ug/L	<5.0	50	50	55.1	58.2	110	116	65-118	6	
1,1,2,2-Tetrachloroethane	ug/L	<5.0	50	50	50.7	54.3	101	109	74-121	7	
1,1,2-Trichloroethane	ug/L	<5.0	50	50	53.6	54.9	107	110	80-117	2	
1,1-Dichloroethane	ug/L	<5.0	50	50	54.6	57.3	109	115	83-151	5	
1,1-Dichloroethene	ug/L	<5.0	50	50	55.9	57.7	112	115	45-146	3	
1,1-Dichloropropene	ug/L	<5.0	50	50	55.4	57.5	111	115	59-127	4	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	51.1	58.0	102	116	67-103	13	M1
1,2,3-Trichloropropane	ug/L	<5.0	50	50	48.0	50.9	96	102	71-123	6	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	50	54.4	57.3	109	115	66-103	5	M1,N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	52.9	55.6	106	111	68-116	5	
1,2-Dibromoethane (EDB)	ug/L	<5.0	50	50	55.0	57.0	110	114	83-115	4	
1,2-Dichloroethane	ug/L	<5.0	50	50	51.8	53.3	104	107	74-129	3	
1,2-Dichloropropane	ug/L	<5.0	50	50	52.7	54.7	105	109	75-117	4	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	52.0	55.4	104	111	67-116	6	
1,3-Dichlorobenzene	ug/L	<5.0	50	50	53.0	56.4	106	113	71-112	6	M1
1,3-Dichloropropane	ug/L	<5.0	50	50	51.1	53.9	102	108	74-112	5	
1,4-Diethylbenzene	ug/L	<1.0	50	50	54.1	57.0	108	114	56-130	5	N3
2,2-Dichloropropane	ug/L	<5.0	50	50	53.7	57.6	107	115	63-133	7	
2-Butanone (MEK)	ug/L	<5.0	50	50	45.7	47.5	91	95	44-162	4	
2-Chlorotoluene	ug/L	<1.0	50	50	50.7	53.8	101	108	74-101	6	M1
2-Hexanone	ug/L	<5.0	50	50	52.3	57.1	105	114	32-183	9	
4-Chlorotoluene	ug/L	<1.0	50	50	50.3	53.2	101	106	74-101	6	M1
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	55.0	58.8	110	118	69-132	7	
Acetone	ug/L	<5.0	50	50	28.0	27.9	56	56	23-188	0	IC
Benzene	ug/L	<5.0	50	50	55.1	57.4	110	115	73-119	4	
Bromobenzene	ug/L	<1.0	50	50	52.4	55.8	105	112	72-102	6	M0
Bromochloromethane	ug/L	<5.0	50	50	49.0	48.9	98	98	81-116	0	
Bromodichloromethane	ug/L	<5.0	50	50	55.9	59.2	112	118	78-117	6	M1
Bromoform	ug/L	<5.0	50	50	48.7	52.9	97	106	65-122	8	
Bromomethane	ug/L	<5.0	50	50	44.2	51.5	88	103	52-147	15	
Carbon disulfide	ug/L	<5.0	50	50	43.8	52.4	88	105	41-144	18	
Carbon tetrachloride	ug/L	<5.0	50	50	56.3	63.2	113	126	59-120	12	M1
Chlorobenzene	ug/L	<5.0	50	50	52.5	56.2	105	112	75-113	7	
Chlorodifluoromethane	ug/L	<1.0	50	50	55.1	57.5	110	115	43-140	4	N3
Chloroethane	ug/L	<5.0	50	50	46.2	48.8	92	98	49-151	5	
Chloroform	ug/L	5.0	50	50	54.8	56.2	107	110	72-122	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 753030 753031											
Parameter	Units	70126875009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloromethane	ug/L	<5.0	50	50	49.9	53.3	100	107	46-144	7	
cis-1,2-Dichloroethene	ug/L	<5.0	50	50	55.2	57.6	110	115	72-121	4	
cis-1,3-Dichloropropene	ug/L	<5.0	50	50	57.8	61.1	116	122	78-116	5	M0
Dibromochloromethane	ug/L	<5.0	50	50	57.5	61.9	115	124	70-120	7	M0
Dibromomethane	ug/L	<5.0	50	50	53.1	55.9	106	112	75-125	5	
Dichlorodifluoromethane	ug/L	<5.0	50	50	48.2	49.8	96	100	22-154	3	
Ethanol	ug/L	<250	1250	1250	1050	903	84	72	10-151	15	CL
Ethylbenzene	ug/L	<5.0	50	50	54.4	57.8	109	116	70-113	6	M1
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	53.0	56.4	106	113	59-121	6	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.7	55.9	105	112	67-115	6	
Methylene Chloride	ug/L	<5.0	50	50	47.2	50.9	94	102	61-142	7	
n-Butylbenzene	ug/L	<1.0	50	50	52.8	56.1	106	112	73-107	6	M1
n-Propylbenzene	ug/L	<1.0	50	50	52.8	56.8	106	114	68-116	7	
p-Isopropyltoluene	ug/L	<1.0	50	50	53.0	56.2	106	112	73-101	6	M1
sec-Butylbenzene	ug/L	<1.0	50	50	52.9	56.1	106	112	72-103	6	M1
Styrene	ug/L	<5.0	50	50	58.4	61.0	117	122	72-118	4	M1
tert-Butylbenzene	ug/L	<1.0	50	50	52.6	55.7	105	111	68-100	6	M1
Tetrachloroethene	ug/L	<5.0	50	50	54.9	57.1	110	114	60-128	4	
Toluene	ug/L	<5.0	50	50	55.0	57.4	110	115	72-119	4	
trans-1,2-Dichloroethene	ug/L	<5.0	50	50	57.5	59.3	115	119	56-142	3	
trans-1,3-Dichloropropene	ug/L	<5.0	50	50	49.7	53.6	99	107	79-116	8	
trans-1,4-Dichloro-2-butene	ug/L	<5.0	50	50	50.7	52.9	101	106	71-121	4	
Trichloroethene	ug/L	<5.0	50	50	55.1	56.9	110	114	69-117	3	
Vinyl chloride	ug/L	<5.0	50	50	49.4	53.0	99	106	43-143	7	
Xylene (Total)	ug/L	<5.0	150	150	166	174	111	116	71-109	5	MS
1,2-Dichloroethane-d4 (S)	%						99	94	68-153		
4-Bromofluorobenzene (S)	%						103	102	79-124		
Toluene-d8 (S)	%						97	98	69-124		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 4/3

Pace Project No.: 70127000

QC Batch:	156509	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70127000001, 70127000002, 70127000003

METHOD BLANK: 753822 Matrix: Water

Associated Lab Samples: 70127000001, 70127000002, 70127000003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	04/10/20 09:51	

LABORATORY CONTROL SAMPLE: 753823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	538	108	85-115	

MATRIX SPIKE SAMPLE: 753825

Parameter	Units	70126875014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	106	300	409	101	75-125	

MATRIX SPIKE SAMPLE: 753827

Parameter	Units	70127108001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	393	300	713	107	75-125	

SAMPLE DUPLICATE: 753824

Parameter	Units	70126875014 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	106	106	0	

SAMPLE DUPLICATE: 753826

Parameter	Units	70127108001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	393	375	5	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: MONTHLY 4/3

Pace Project No.: 70127000

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MONTHLY 4/3

Pace Project No.: 70127000

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70127000001	INFLUENT #1	EPA 200.7	156185	EPA 200.7	156204
70127000002	INFLUENT #2	EPA 200.7	156185	EPA 200.7	156204
70127000003	EFFLUENT #1	EPA 200.7	156185	EPA 200.7	156204
70127000001	INFLUENT #1	EPA 200.7	156771		
70127000002	INFLUENT #2	EPA 200.7	156771		
70127000003	EFFLUENT #1	EPA 200.7	156771		
70127000001	INFLUENT #1	EPA 8260C/5030C	156370		
70127000002	INFLUENT #2	EPA 8260C/5030C	156370		
70127000003	EFFLUENT #1	EPA 8260C/5030C	156370		
70127000001	INFLUENT #1	SM22 2540C	156509		
70127000002	INFLUENT #2	SM22 2540C	156509		
70127000003	EFFLUENT #1	SM22 2540C	156509		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields

WO#: 70127000



Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Jason Fellows	Attention:	
Address:	136 Gaza Blvd.	Copy To:		Company Name:	
Farmingdale, NY 117351420				Address:	
Email:	jason@wiretowater.com	Purchase Order #:		Pace Quote:	
Phone:	NONE	Project Name:	MONTHLY	Pace Project Manager:	
Requested Due Date:		Project #:		jennifer.aracri@pacelabs.com	
				Pace Profile #:	
				5055	

ITEM #	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED				SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	PRESERVATIVES						Y/N	Requested Analysis Filtered (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			START		END				# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH		Na2S2O3	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			DATE	TIME	DATE	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	INFLUENT#1		WT	4/3/2020	14:00	4/3/2020	14:10	52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on	ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Jason Fellows		15.57	4/3/2020				
SIGNATURE of SAMPLER:		DATE Signed: 4/3/2020					



Sample Condition Upon Receipt

Client Name:

FARCHILD

Pro:

WO#: 70127000

PM: JSA

Due Date: 04/14/20

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.2

Cooler Temperature (°C): 12.1

Cooler Temperature Corrected (°C): 12.3

Temperature during transport:

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

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: KL 4/13/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No		6.
Rush Turn Around Time Requested:	☐ Yes	☒ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD):	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☒ No	☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☒ Yes	☐ No	☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # H1495032				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	☒ Yes	☐ No	☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐ Yes	☐ No	☒ N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☒ No	☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if applicable):				

Field Data Required? Y / N

Client Notification/ Resolution:

Person Contacted:

Comments/ Resolution:

Date/Time:

July 13, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: MONTHLY 6/30
Pace Project No.: 70136472

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on June 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Sample: INFLUENT #1		Lab ID: 70136472001		Collected: 06/30/20 14:25		Received: 06/30/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	07/09/20 09:54	07/12/20 12:39	7440-41-7		
Iron	515	ug/L	100	1	07/09/20 09:54	07/12/20 12:39	7439-89-6		
Manganese	66.9	ug/L	10.0	1	07/09/20 09:54	07/12/20 12:39	7439-96-5		
Zinc	78.8	ug/L	20.0	1	07/09/20 09:54	07/12/20 12:39	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		07/13/20 17:00	7440-41-7	M1	
Iron, Dissolved	89.9	ug/L	20.0	1		07/13/20 17:00	7439-89-6	M1	
Manganese, Dissolved	64.5	ug/L	10.0	1		07/13/20 17:00	7439-96-5	M1	
Zinc, Dissolved	177	ug/L	20.0	1		07/13/20 17:00	7440-66-6	M1	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		07/08/20 20:04	67-64-1	IC	
Benzene	1.7	ug/L	1.0	1		07/08/20 20:04	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 20:04	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 20:04	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 20:04	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 20:04	74-83-9	L1	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 20:04	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 20:04	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 20:04	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 20:04	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 20:04	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		07/08/20 20:04	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 20:04	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 20:04	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 20:04	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 20:04	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 20:04	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 20:04	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		07/08/20 20:04	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 20:04	75-71-8		
1,1-Dichloroethane	15.8	ug/L	1.0	1		07/08/20 20:04	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:04	107-06-2		
1,1-Dichloroethene	7.9	ug/L	1.0	1		07/08/20 20:04	75-35-4		
cis-1,2-Dichloroethene	251	ug/L	10.0	10		07/09/20 02:10	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 20:04	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Sample: INFLUENT #1		Lab ID: 70136472001		Collected: 06/30/20 14:25		Received: 06/30/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:04	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:04	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:04	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 20:04	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 20:04	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 20:04	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	105-05-5	N3	
Ethanol	<250	ug/L	250	1		07/08/20 20:04	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 20:04	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 20:04	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 20:04	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 20:04	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 20:04	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 20:04	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	103-65-1		
Styrene	<1.0	ug/L	1.0	1		07/08/20 20:04	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 20:04	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 20:04	79-34-5		
Tetrachloroethene	854	ug/L	10.0	10		07/09/20 02:10	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		07/08/20 20:04	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:04	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:04	79-00-5		
Trichloroethene	125	ug/L	1.0	1		07/08/20 20:04	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:04	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:04	108-67-8		
Vinyl chloride	30.8	ug/L	1.0	1		07/08/20 20:04	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 20:04	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		07/08/20 20:04	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		07/08/20 20:04	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		07/08/20 20:04	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	131	mg/L	10.0	1		07/06/20 09:58			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Sample: INFLUENT #2		Lab ID: 70136472002		Collected: 06/30/20 14:30		Received: 06/30/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	07/09/20 09:54	07/12/20 12:51	7440-41-7		
Iron	508	ug/L	100	1	07/09/20 09:54	07/12/20 12:51	7439-89-6		
Manganese	64.4	ug/L	10.0	1	07/09/20 09:54	07/12/20 12:51	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	07/09/20 09:54	07/12/20 12:51	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		07/13/20 17:04	7440-41-7		
Iron, Dissolved	349	ug/L	20.0	1		07/13/20 17:04	7439-89-6		
Manganese, Dissolved	63.0	ug/L	10.0	1		07/13/20 17:04	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		07/13/20 17:04	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		07/08/20 20:27	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		07/08/20 20:27	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 20:27	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 20:27	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 20:27	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 20:27	74-83-9	L1	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 20:27	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 20:27	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 20:27	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 20:27	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		07/08/20 20:27	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 20:27	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 20:27	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 20:27	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 20:27	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 20:27	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 20:27	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		07/08/20 20:27	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 20:27	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 20:27	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 20:27	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 20:27	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Sample: INFLUENT #2		Lab ID: 70136472002		Collected: 06/30/20 14:30		Received: 06/30/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:27	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:27	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:27	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 20:27	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 20:27	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 20:27	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	105-05-5	N3	
Ethanol	<250	ug/L	250	1		07/08/20 20:27	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 20:27	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 20:27	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 20:27	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 20:27	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 20:27	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 20:27	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	103-65-1		
Styrene	<1.0	ug/L	1.0	1		07/08/20 20:27	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/08/20 20:27	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		07/08/20 20:27	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 20:27	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		07/08/20 20:27	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 20:27	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 20:27	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		07/08/20 20:27	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 20:27	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		07/08/20 20:27	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		07/08/20 20:27	460-00-4		
Toluene-d8 (S)	100	%	69-124	1		07/08/20 20:27	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	137	mg/L	10.0	1		07/06/20 09:59			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Sample: EFFLUENT #1		Lab ID: 70136472003		Collected: 06/30/20 14:40		Received: 06/30/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	07/09/20 09:54	07/12/20 13:05	7440-41-7		
Iron	515	ug/L	100	1	07/09/20 09:54	07/12/20 13:05	7439-89-6		
Manganese	63.7	ug/L	10.0	1	07/09/20 09:54	07/12/20 13:05	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	07/09/20 09:54	07/12/20 13:05	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		07/13/20 17:05	7440-41-7		
Iron, Dissolved	337	ug/L	20.0	1		07/13/20 17:05	7439-89-6		
Manganese, Dissolved	62.0	ug/L	10.0	1		07/13/20 17:05	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		07/13/20 17:05	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		07/08/20 19:41	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		07/08/20 19:41	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 19:41	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 19:41	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 19:41	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 19:41	74-83-9	L1	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 19:41	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 19:41	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 19:41	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 19:41	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		07/08/20 19:41	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 19:41	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 19:41	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 19:41	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 19:41	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 19:41	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 19:41	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		07/08/20 19:41	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 19:41	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 19:41	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 19:41	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 19:41	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 6/30

Pace Project No.: 70136472

Sample: EFFLUENT #1		Lab ID: 70136472003		Collected: 06/30/20 14:40		Received: 06/30/20 15:57		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 19:41	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 19:41	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 19:41	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 19:41	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 19:41	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 19:41	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	105-05-5	N3	
Ethanol	<250	ug/L	250	1		07/08/20 19:41	64-17-5		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 19:41	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 19:41	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 19:41	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 19:41	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 19:41	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 19:41	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	103-65-1		
Styrene	<1.0	ug/L	1.0	1		07/08/20 19:41	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/08/20 19:41	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		07/08/20 19:41	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 19:41	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		07/08/20 19:41	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 19:41	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 19:41	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		07/08/20 19:41	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 19:41	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		07/08/20 19:41	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/08/20 19:41	460-00-4		
Toluene-d8 (S)	100	%	69-124	1		07/08/20 19:41	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	136	mg/L	10.0	1		07/06/20 09:59			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

QC Batch:	167785	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70136472001, 70136472002, 70136472003

METHOD BLANK: 810623 Matrix: Water

Associated Lab Samples: 70136472001, 70136472002, 70136472003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	07/13/20 16:58	
Iron, Dissolved	ug/L	<20.0	20.0	07/13/20 16:58	
Manganese, Dissolved	ug/L	<10.0	10.0	07/13/20 16:58	
Zinc, Dissolved	ug/L	<20.0	20.0	07/13/20 16:58	

LABORATORY CONTROL SAMPLE: 810624

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	49.2	98	85-115	
Iron, Dissolved	ug/L	2000	1970	98	85-115	
Manganese, Dissolved	ug/L	250	249	100	85-115	
Zinc, Dissolved	ug/L	1000	999	100	85-115	

MATRIX SPIKE SAMPLE: 810627

Parameter	Units	70136472001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	67.1	134	70-130	M1
Iron, Dissolved	ug/L	89.9	2000	2830	137	70-130	M1
Manganese, Dissolved	ug/L	64.5	250	410	138	70-130	M1
Zinc, Dissolved	ug/L	177	1000	1570	139	70-130	M1

SAMPLE DUPLICATE: 810626

Parameter	Units	70136472001 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	89.9	91.7	2	
Manganese, Dissolved	ug/L	64.5	65.8	2	
Zinc, Dissolved	ug/L	177	181	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

QC Batch:	168122	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70136472001, 70136472002, 70136472003

METHOD BLANK: 812565 Matrix: Water

Associated Lab Samples: 70136472001, 70136472002, 70136472003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	07/12/20 12:04	
Iron	ug/L	<100	100	07/12/20 12:04	
Manganese	ug/L	<10.0	10.0	07/12/20 12:04	
Zinc	ug/L	<20.0	20.0	07/12/20 12:04	

LABORATORY CONTROL SAMPLE: 812566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	50.2	100	85-115	
Iron	ug/L	2000	2010	101	85-115	
Manganese	ug/L	250	249	100	85-115	
Zinc	ug/L	1000	1010	101	85-115	

MATRIX SPIKE SAMPLE: 812931

Parameter	Units	70136472001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.7	99	70-130	
Iron	ug/L	515	2000	2550	102	70-130	
Manganese	ug/L	66.9	250	313	98	70-130	
Zinc	ug/L	78.8	1000	1090	101	70-130	

MATRIX SPIKE SAMPLE: 812933

Parameter	Units	70136472002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	50.3	101	70-130	
Iron	ug/L	508	2000	2570	103	70-130	
Manganese	ug/L	64.4	250	316	101	70-130	
Zinc	ug/L	<20.0	1000	1040	103	70-130	

SAMPLE DUPLICATE: 812930

Parameter	Units	70136472001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	515	528	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

SAMPLE DUPLICATE: 812930

Parameter	Units	70136472001 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	66.9	66.1	1	
Zinc	ug/L	78.8	80.6	2	

SAMPLE DUPLICATE: 812932

Parameter	Units	70136472002 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	508	483	5	
Manganese	ug/L	64.4	61.4	5	
Zinc	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

QC Batch: 168025

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70136472001, 70136472002, 70136472003

METHOD BLANK: 812108

Matrix: Water

Associated Lab Samples: 70136472001, 70136472002, 70136472003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1-Dichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1-Dichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
1,1-Dichloropropene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,3-Dichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,4-Diethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
2-Butanone (MEK)	ug/L	<5.0	5.0	07/08/20 18:28	IL
2-Chlorotoluene	ug/L	<1.0	1.0	07/08/20 18:28	
2-Hexanone	ug/L	<5.0	5.0	07/08/20 18:28	
4-Chlorotoluene	ug/L	<1.0	1.0	07/08/20 18:28	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	07/08/20 18:28	
Acetone	ug/L	<5.0	5.0	07/08/20 18:28	IC
Benzene	ug/L	<1.0	1.0	07/08/20 18:28	
Bromobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Bromochloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Bromodichloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Bromoform	ug/L	<1.0	1.0	07/08/20 18:28	
Bromomethane	ug/L	<1.0	1.0	07/08/20 18:28	
Carbon disulfide	ug/L	<1.0	1.0	07/08/20 18:28	
Carbon tetrachloride	ug/L	<1.0	1.0	07/08/20 18:28	
Chlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Chlorodifluoromethane	ug/L	<1.0	1.0	07/08/20 18:28	N3
Chloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
Chloroform	ug/L	<1.0	1.0	07/08/20 18:28	
Chloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	07/08/20 18:28	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

METHOD BLANK: 812108

Matrix: Water

Associated Lab Samples: 70136472001, 70136472002, 70136472003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Dibromomethane	ug/L	<1.0	1.0	07/08/20 18:28	
Dichlorodifluoromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Ethanol	ug/L	<250	250	07/08/20 18:28	
Ethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	07/08/20 18:28	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	07/08/20 18:28	
Methylene Chloride	ug/L	<1.0	1.0	07/08/20 18:28	
n-Butylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
n-Propylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
p-Isopropyltoluene	ug/L	<1.0	1.0	07/08/20 18:28	
sec-Butylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Styrene	ug/L	<1.0	1.0	07/08/20 18:28	
tert-Butylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Tetrachloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
Toluene	ug/L	<1.0	1.0	07/08/20 18:28	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	07/08/20 18:28	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	07/08/20 18:28	
Trichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
Vinyl chloride	ug/L	<1.0	1.0	07/08/20 18:28	
Xylene (Total)	ug/L	<3.0	3.0	07/08/20 18:28	
1,2-Dichloroethane-d4 (S)	%	100	68-153	07/08/20 18:28	
4-Bromofluorobenzene (S)	%	100	79-124	07/08/20 18:28	
Toluene-d8 (S)	%	100	69-124	07/08/20 18:28	

LABORATORY CONTROL SAMPLE: 812109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.4	103	74-113	
1,1,1-Trichloroethane	ug/L	50	49.2	98	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	74-121	
1,1,2-Trichloroethane	ug/L	50	48.3	97	80-117	
1,1-Dichloroethane	ug/L	50	48.6	97	83-151	
1,1-Dichloroethene	ug/L	50	46.0	92	45-146	
1,1-Dichloropropene	ug/L	50	47.5	95	59-127	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	67-103	
1,2,3-Trichloropropane	ug/L	50	48.5	97	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	49.4	99	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	49.1	98	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	83-115	
1,2-Dichloroethane	ug/L	50	49.7	99	74-129	
1,2-Dichloropropane	ug/L	50	47.8	96	75-117	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

LABORATORY CONTROL SAMPLE: 812109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.4	101	71-112	
1,3-Dichloropropane	ug/L	50	50.1	100	74-112	
1,4-Diethylbenzene	ug/L	50	49.1	98	56-130	N3
2,2-Dichloropropane	ug/L	50	33.1	66	63-133	
2-Butanone (MEK)	ug/L	50	49.9	100	44-162	IL
2-Chlorotoluene	ug/L	50	48.0	96	74-101	
2-Hexanone	ug/L	50	48.6	97	32-183	CH
4-Chlorotoluene	ug/L	50	48.3	97	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	49.7	99	69-132	
Acetone	ug/L	50	57.0	114	23-188	CH,IC
Benzene	ug/L	50	48.0	96	73-119	
Bromobenzene	ug/L	50	49.2	98	72-102	
Bromochloromethane	ug/L	50	52.5	105	81-116	
Bromodichloromethane	ug/L	50	48.7	97	78-117	
Bromoform	ug/L	50	54.0	108	65-122	
Bromomethane	ug/L	50	79.4	159	52-147	CH,IH,L1
Carbon disulfide	ug/L	50	48.2	96	41-144	
Carbon tetrachloride	ug/L	50	50.4	101	59-120	
Chlorobenzene	ug/L	50	50.0	100	75-113	
Chlorodifluoromethane	ug/L	50	48.1	96	43-140	N3
Chloroethane	ug/L	50	48.0	96	49-151	
Chloroform	ug/L	50	50.2	100	72-122	
Chloromethane	ug/L	50	51.2	102	46-144	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	72-121	
cis-1,3-Dichloropropene	ug/L	50	45.5	91	78-116	
Dibromochloromethane	ug/L	50	52.4	105	70-120	
Dibromomethane	ug/L	50	49.0	98	75-125	
Dichlorodifluoromethane	ug/L	50	49.5	99	22-154	
Ethanol	ug/L	1250	1070	85	10-151	
Ethylbenzene	ug/L	50	50.3	101	70-113	
Hexachloro-1,3-butadiene	ug/L	50	53.2	106	59-121	
Isopropylbenzene (Cumene)	ug/L	50	48.2	96	67-115	
Methylene Chloride	ug/L	50	48.5	97	61-142	
n-Butylbenzene	ug/L	50	48.2	96	73-107	
n-Propylbenzene	ug/L	50	48.1	96	68-116	
p-Isopropyltoluene	ug/L	50	48.6	97	73-101	
sec-Butylbenzene	ug/L	50	48.9	98	72-103	
Styrene	ug/L	50	50.8	102	72-118	
tert-Butylbenzene	ug/L	50	49.1	98	68-100	
Tetrachloroethene	ug/L	50	60.3	121	60-128	
Toluene	ug/L	50	48.6	97	72-119	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	56-142	
trans-1,3-Dichloropropene	ug/L	50	45.1	90	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	39.1	78	71-121	
Trichloroethene	ug/L	50	49.0	98	69-117	
Vinyl chloride	ug/L	50	52.8	106	43-143	IH
Xylene (Total)	ug/L	150	151	101	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

LABORATORY CONTROL SAMPLE: 812109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			99	68-153	
4-Bromofluorobenzene (S)	%			102	79-124	
Toluene-d8 (S)	%			100	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 812263 812264

Parameter	Units	70136698006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	51.3	52.5	103	105	74-113	2	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	49.9	51.6	100	103	65-118	3	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	48.6	51.1	97	102	74-121	5	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	50.5	53.1	101	106	80-117	5	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.1	48.9	96	98	83-151	2	
1,1-Dichloroethene	ug/L	<1.0	50	50	48.1	48.6	96	97	45-146	1	
1,1-Dichloropropene	ug/L	<1.0	50	50	48.4	50.2	97	100	59-127	4	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	51.5	56.9	103	114	67-103	10	M1
1,2,3-Trichloropropane	ug/L	<1.0	50	50	50.0	50.8	100	102	71-123	2	
1,2,4,5-tetramethylbenzene	ug/L		50	50	49.0	52.9	98	106	66-103	8	M1,N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	47.6	51.2	95	102	68-116	7	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	50.8	52.7	102	105	83-115	4	
1,2-Dichloroethane	ug/L	<1.0	50	50	48.7	50.3	97	101	74-129	3	
1,2-Dichloropropane	ug/L	<1.0	50	50	47.6	48.8	95	98	75-117	2	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	47.9	51.1	96	102	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	50.0	52.9	100	106	71-112	6	
1,3-Dichloropropane	ug/L	<1.0	50	50	50.0	52.2	100	104	74-112	4	
1,4-Diethylbenzene	ug/L		50	50	48.9	52.4	98	105	56-130	7	N3
2,2-Dichloropropane	ug/L	<1.0	50	50	43.8	45.5	88	91	63-133	4	
2-Butanone (MEK)	ug/L	<5.0	50	50	45.3	45.8	91	92	44-162	1	IL
2-Chlorotoluene	ug/L	<1.0	50	50	46.9	49.6	94	99	74-101	6	
2-Hexanone	ug/L	<5.0	50	50	49.5	51.4	99	103	32-183	4	CH
4-Chlorotoluene	ug/L	<1.0	50	50	46.9	49.4	94	99	74-101	5	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	49.4	51.7	99	103	69-132	5	
Acetone	ug/L	<5.0	50	50	55.2	53.2	110	106	23-188	4	CH,IC
Benzene	ug/L	<1.0	50	50	48.2	49.6	96	99	73-119	3	
Bromobenzene	ug/L	<1.0	50	50	49.6	51.7	99	103	72-102	4	M1
Bromochloromethane	ug/L	<1.0	50	50	52.1	53.1	104	106	81-116	2	
Bromodichloromethane	ug/L	<1.0	50	50	49.0	50.6	98	101	78-117	3	
Bromoform	ug/L	<1.0	50	50	52.3	54.1	105	108	65-122	3	
Bromomethane	ug/L	<1.0	50	50	62.2	68.6	124	137	52-147	10	CH,IH
Carbon disulfide	ug/L	<1.0	50	50	46.2	48.4	92	97	41-144	5	
Carbon tetrachloride	ug/L	<1.0	50	50	50.9	53.0	102	106	59-120	4	
Chlorobenzene	ug/L	<1.0	50	50	50.7	52.3	101	105	75-113	3	
Chlorodifluoromethane	ug/L		50	50	46.5	46.9	93	94	43-140	1	N3
Chloroethane	ug/L	<1.0	50	50	48.6	48.5	97	97	49-151	0	
Chloroform	ug/L	<1.0	50	50	50.4	51.1	101	102	72-122	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 812263 812264											
Parameter	Units	70136698006		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
Chloromethane	ug/L	<1.0	50	50	50	45.6	47.8	91	96	46-144	5
cis-1,2-Dichloroethene	ug/L	126	50	50	50	238	243	225	234	72-121	2 E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	50	47.2	48.8	94	98	78-116	3
Dibromochloromethane	ug/L	<1.0	50	50	50	51.7	54.1	103	108	70-120	5
Dibromomethane	ug/L	<1.0	50	50	50	50.0	51.3	100	103	75-125	3
Dichlorodifluoromethane	ug/L	<1.0	50	50	50	45.0	46.1	90	92	22-154	2
Ethanol	ug/L		1250	1250	1250	1040	1120	83	90	10-151	8
Ethylbenzene	ug/L	<1.0	50	50	50	50.6	53.0	101	106	70-113	5
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	50	50.4	55.8	101	112	59-121	10
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	50	47.9	50.9	96	102	67-115	6
Methylene Chloride	ug/L	<1.0	50	50	50	48.0	48.1	96	96	61-142	0
n-Butylbenzene	ug/L	<1.0	50	50	50	47.6	51.7	95	103	73-107	8
n-Propylbenzene	ug/L	<1.0	50	50	50	47.4	50.7	95	101	68-116	7
p-Isopropyltoluene	ug/L	<1.0	50	50	50	48.0	51.5	96	103	73-101	7 M1
sec-Butylbenzene	ug/L	<1.0	50	50	50	48.3	52.7	97	105	72-103	9 M1
Styrene	ug/L	<1.0	50	50	50	50.8	53.3	102	107	72-118	5
tert-Butylbenzene	ug/L	<1.0	50	50	50	49.0	52.6	98	105	68-100	7 M1
Tetrachloroethene	ug/L	104	50	50	50	147	153	87	97	60-128	4
Toluene	ug/L	<1.0	50	50	50	49.6	51.1	99	102	72-119	3
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	50	50.1	51.4	100	103	56-142	3
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	50	45.9	48.0	92	96	79-116	5
trans-1,4-Dichloro-2-butene	ug/L		50	50	50	41.4	43.8	83	88	71-121	6
Trichloroethene	ug/L	65.9	50	50	50	110	113	89	95	69-117	3
Vinyl chloride	ug/L	11.0	50	50	50	62.5	64.3	103	107	43-143	3 IH
Xylene (Total)	ug/L	<3.0	150	150	150	152	160	101	107	71-109	5
1,2-Dichloroethane-d4 (S)	%							98	98	68-153	
4-Bromofluorobenzene (S)	%							100	101	79-124	
Toluene-d8 (S)	%							101	101	69-124	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 6/30

Pace Project No.: 70136472

QC Batch:	167422	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70136472001, 70136472002, 70136472003		

METHOD BLANK: 808817 Matrix: Water

Associated Lab Samples: 70136472001, 70136472002, 70136472003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	07/06/20 09:20	

LABORATORY CONTROL SAMPLE: 808818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	570	114	85-115	

MATRIX SPIKE SAMPLE: 808820

Parameter	Units	70136619001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	102	600	682	97	75-125	H3

MATRIX SPIKE SAMPLE: 808822

Parameter	Units	70136479001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	67.0	300	393	109	75-125	

SAMPLE DUPLICATE: 808819

Parameter	Units	70136619001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	102	116	13	D6,H3

SAMPLE DUPLICATE: 808821

Parameter	Units	70136479001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	67.0	81.0	19	D6

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: MONTHLY 6/30

Pace Project No.: 70136472

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
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.
H3	Sample was received or analysis requested beyond the recognized method holding time.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MONTHLY 6/30

Pace Project No.: 70136472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70136472001	INFLUENT #1	EPA 200.7	168122	EPA 200.7	168154
70136472002	INFLUENT #2	EPA 200.7	168122	EPA 200.7	168154
70136472003	EFFLUENT #1	EPA 200.7	168122	EPA 200.7	168154
70136472001	INFLUENT #1	EPA 200.7	167785		
70136472002	INFLUENT #2	EPA 200.7	167785		
70136472003	EFFLUENT #1	EPA 200.7	167785		
70136472001	INFLUENT #1	EPA 8260C/5030C	168025		
70136472002	INFLUENT #2	EPA 8260C/5030C	168025		
70136472003	EFFLUENT #1	EPA 8260C/5030C	168025		
70136472001	INFLUENT #1	SM22 2540C	167422		
70136472002	INFLUENT #2	SM22 2540C	167422		
70136472003	EFFLUENT #1	SM22 2540C	167422		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Document

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

WO#: 70136472



70136472

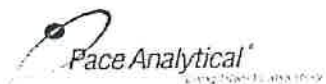
Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Jason Fellows	Attention:	
Address:	136 Gazza Blvd.	Copy To:		Company Name:	
Farmingdale, NY 11735-1420		Purchase Order #:		Address:	
Email: jason@wirelowater.com		Project Name:	MONTHLY	Pace Quote:	
Phone: NONE	Fax:	Requested Due Date:		Pace Project Manager:	jennifer.araci@pacelabs.com
		Project #:		Pace Profile #:	5055

Regulatory Agency	
State / Location	
NY	

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)
			START	END				DATE	TIME	DATE	TIME	H2SO4	HNO3	HCl	NaOH			Na2S2O3	Methanol	Other	200.7 ICP Metals	Dissolved Metals by 200.7 (I	Total Dissolved Solids (TDS)	VOC by 8260						
1	INFLUENT#1	WT	6/30	14:15	6/30	14:30	WT	5	2	1	2								X	X	X	X	X	X	X	001				
2	INFLUENT#2	WT	6/30	14:15	6/30	14:30	WT	5	2	1	2								X	X	X	X	X	X	X	002				
3	EFFLUENT#1	WT	6/30	14:35	6/30	14:40	WT	5	2	1	2								X	X	X	X	X	X	X	003				
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
	Jason Fellows / WTW	6/30/20		Jason Fellows		6/30/20	15:57	Sealed	2
								Cooler	
								Intact	

SAMPLER NAME AND SIGNATURE		Received on	TEMP in C	Samples Intact (Y/N)
PRINT Name of SAMPLER: Jason Fellows				
SIGNATURE of SAMPLER:		DATE Signed: 6/30/20		



Sample Condition Upon Receipt

WO#: 70136472

Client Name:

Proj

PH: JSA

Due Date: 07/10/20

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.4

Cooler Temperature (°C): 15.5

Cooler Temperature Corrected (°C): 16.2

Temperature Blank Present: ☐ Yes ☒ NoType of Ice: ☒ Wet ☐ Blue ☐ None☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: 6/30/20 ED

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	
Containers Intact:	☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☒ No ☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix SL ☒ WT ☐ OIL		
All containers needing preservation have been checked	☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #	UCAA8032	Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☒ Yes ☐ No ☐ N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added
Exceptions: ☒ VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
KI starch test strips Lot #		Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #		
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

Manager) review is documented electronically in LIMS.

F-LI-C-002-rev.02

Page 21 of 21

August 14, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: MONTHLY 7/31
Pace Project No.: 70140306

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on July 31, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

Due to an unprecedented power outage between August 4, 2020 @ 13:45 and August 7, 2020 @ 10:20 caused by Hurricane Isaias, the temperature of the refrigerated sample storage unit exceeded the acceptance range of 0-6°C. The maximum temperature recording during this time frame was 14.8°C. All affected analyses were prepared and analyzed after August 7, 2020. Metals, Microbiology, Chloride, Fluoride, and Bromide analyses were not affected.

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

Sincerely,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Sample: INFLUENT #1		Lab ID: 70140306001	Collected: 07/31/20 12:35	Received: 07/31/20 13:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium	<5.0	ug/L	5.0	1	08/02/20 18:13	08/09/20 17:53	7440-41-7	
Iron	658	ug/L	100	1	08/02/20 18:13	08/09/20 17:53	7439-89-6	
Manganese	72.3	ug/L	10.0	1	08/02/20 18:13	08/09/20 17:53	7439-96-5	
Zinc	122	ug/L	20.0	1	08/02/20 18:13	08/09/20 17:53	7440-66-6	
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium, Dissolved	<5.0	ug/L	5.0	1		08/12/20 16:47	7440-41-7	
Iron, Dissolved	<20.0	ug/L	20.0	1		08/12/20 16:47	7439-89-6	
Manganese, Dissolved	72.2	ug/L	10.0	1		08/12/20 16:47	7439-96-5	
Zinc, Dissolved	92.6	ug/L	20.0	1		08/12/20 16:47	7440-66-6	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Acetone	<5.0	ug/L	5.0	1		08/10/20 14:18	67-64-1	
Benzene	2.2	ug/L	1.0	1		08/10/20 14:18	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		08/10/20 14:18	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		08/10/20 14:18	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		08/10/20 14:18	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		08/10/20 14:18	74-83-9	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		08/10/20 14:18	78-93-3	CL,IL
n-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		08/10/20 14:18	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		08/10/20 14:18	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	108-90-7	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		08/10/20 14:18	75-45-6	N3
Chloroethane	<1.0	ug/L	1.0	1		08/10/20 14:18	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		08/10/20 14:18	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		08/10/20 14:18	74-87-3	CL
2-Chlorotoluene	<1.0	ug/L	1.0	1		08/10/20 14:18	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		08/10/20 14:18	106-43-4	
Dibromochloromethane	<1.0	ug/L	1.0	1		08/10/20 14:18	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		08/10/20 14:18	106-93-4	
Dibromomethane	<1.0	ug/L	1.0	1		08/10/20 14:18	74-95-3	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	541-73-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		08/10/20 14:18	110-57-6	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		08/10/20 14:18	75-71-8	CL
1,1-Dichloroethane	21.4	ug/L	1.0	1		08/10/20 14:18	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		08/10/20 14:18	107-06-2	
1,1-Dichloroethene	10.6	ug/L	1.0	1		08/10/20 14:18	75-35-4	
cis-1,2-Dichloroethene	302	ug/L	10.0	10		08/10/20 14:42	156-59-2	
trans-1,2-Dichloroethene	3.1	ug/L	1.0	1		08/10/20 14:18	156-60-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Sample: INFLUENT #1		Lab ID: 70140306001	Collected: 07/31/20 12:35	Received: 07/31/20 13:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 14:18	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 14:18	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 14:18	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 14:18	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 14:18	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 14:18	10061-02-6	CL,L2
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	105-05-5	N3
Ethanol	<250	ug/L	250	1		08/10/20 14:18	64-17-5	L1
Ethylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		08/10/20 14:18	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		08/10/20 14:18	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		08/10/20 14:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		08/10/20 14:18	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		08/10/20 14:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		08/10/20 14:18	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	103-65-1	
Styrene	<1.0	ug/L	1.0	1		08/10/20 14:18	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		08/10/20 14:18	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		08/10/20 14:18	79-34-5	
Tetrachloroethene	696	ug/L	10.0	10		08/10/20 14:42	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		08/10/20 14:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		08/10/20 14:18	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		08/10/20 14:18	79-00-5	
Trichloroethene	135	ug/L	1.0	1		08/10/20 14:18	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		08/10/20 14:18	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		08/10/20 14:18	108-67-8	
Vinyl chloride	47.8	ug/L	1.0	1		08/10/20 14:18	75-01-4	IH
Xylene (Total)	<3.0	ug/L	3.0	1		08/10/20 14:18	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		08/10/20 14:18	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		08/10/20 14:18	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		08/10/20 14:18	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	117	mg/L	10.0	1		08/12/20 09:02		H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Sample: INFLUENT #2		Lab ID: 70140306002	Collected: 07/31/20 12:45	Received: 07/31/20 13:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium	<5.0	ug/L	5.0	1	08/02/20 18:13	08/09/20 17:55	7440-41-7	
Iron	572	ug/L	100	1	08/02/20 18:13	08/09/20 17:55	7439-89-6	
Manganese	69.7	ug/L	10.0	1	08/02/20 18:13	08/09/20 17:55	7439-96-5	
Zinc	<20.0	ug/L	20.0	1	08/02/20 18:13	08/09/20 17:55	7440-66-6	
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium, Dissolved	<5.0	ug/L	5.0	1		08/12/20 16:50	7440-41-7	
Iron, Dissolved	<20.0	ug/L	20.0	1		08/12/20 16:50	7439-89-6	
Manganese, Dissolved	70.3	ug/L	10.0	1		08/12/20 16:50	7439-96-5	
Zinc, Dissolved	<20.0	ug/L	20.0	1		08/12/20 16:50	7440-66-6	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Acetone	<5.0	ug/L	5.0	1		08/10/20 16:37	67-64-1	
Benzene	<1.0	ug/L	1.0	1		08/10/20 16:37	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		08/10/20 16:37	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		08/10/20 16:37	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		08/10/20 16:37	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		08/10/20 16:37	74-83-9	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		08/10/20 16:37	78-93-3	CL,IL
n-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		08/10/20 16:37	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		08/10/20 16:37	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	108-90-7	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		08/10/20 16:37	75-45-6	N3
Chloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		08/10/20 16:37	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		08/10/20 16:37	74-87-3	CL
2-Chlorotoluene	<1.0	ug/L	1.0	1		08/10/20 16:37	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		08/10/20 16:37	106-43-4	
Dibromochloromethane	<1.0	ug/L	1.0	1		08/10/20 16:37	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		08/10/20 16:37	106-93-4	
Dibromomethane	<1.0	ug/L	1.0	1		08/10/20 16:37	74-95-3	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	541-73-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		08/10/20 16:37	110-57-6	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		08/10/20 16:37	75-71-8	CL
1,1-Dichloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		08/10/20 16:37	75-35-4	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	1		08/10/20 16:37	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		08/10/20 16:37	156-60-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Sample: INFLUENT #2		Lab ID: 70140306002		Collected: 07/31/20 12:45		Received: 07/31/20 13:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 16:37	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 16:37	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 16:37	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 16:37	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 16:37	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 16:37	10061-02-6	CL,L2	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	105-05-5	N3	
Ethanol	<250	ug/L	250	1		08/10/20 16:37	64-17-5	L1	
Ethylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		08/10/20 16:37	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		08/10/20 16:37	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		08/10/20 16:37	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		08/10/20 16:37	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		08/10/20 16:37	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		08/10/20 16:37	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	103-65-1		
Styrene	<1.0	ug/L	1.0	1		08/10/20 16:37	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		08/10/20 16:37	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		08/10/20 16:37	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		08/10/20 16:37	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		08/10/20 16:37	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		08/10/20 16:37	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		08/10/20 16:37	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		08/10/20 16:37	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		08/10/20 16:37	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		08/10/20 16:37	17060-07-0		
4-Bromofluorobenzene (S)	95	%	79-124	1		08/10/20 16:37	460-00-4		
Toluene-d8 (S)	94	%	69-124	1		08/10/20 16:37	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	132	mg/L	10.0	1		08/12/20 09:13		H1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Sample: EFFLUENT #1		Lab ID: 70140306003		Collected: 07/31/20 12:55		Received: 07/31/20 13:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	08/02/20 18:13	08/09/20 17:57	7440-41-7		
Iron	523	ug/L	100	1	08/02/20 18:13	08/09/20 17:57	7439-89-6		
Manganese	66.4	ug/L	10.0	1	08/02/20 18:13	08/09/20 17:57	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	08/02/20 18:13	08/09/20 17:57	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		08/12/20 16:51	7440-41-7		
Iron, Dissolved	51.8	ug/L	20.0	1		08/12/20 16:51	7439-89-6		
Manganese, Dissolved	65.5	ug/L	10.0	1		08/12/20 16:51	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		08/12/20 16:51	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		08/10/20 17:00	67-64-1		
Benzene	<1.0	ug/L	1.0	1		08/10/20 17:00	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		08/10/20 17:00	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		08/10/20 17:00	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		08/10/20 17:00	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		08/10/20 17:00	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		08/10/20 17:00	78-93-3	CL,IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		08/10/20 17:00	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		08/10/20 17:00	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		08/10/20 17:00	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		08/10/20 17:00	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		08/10/20 17:00	74-87-3	CL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		08/10/20 17:00	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		08/10/20 17:00	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		08/10/20 17:00	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		08/10/20 17:00	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		08/10/20 17:00	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		08/10/20 17:00	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		08/10/20 17:00	75-71-8	CL	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		08/10/20 17:00	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		08/10/20 17:00	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		08/10/20 17:00	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: MONTHLY 7/31

Pace Project No.: 70140306

Sample: EFFLUENT #1		Lab ID: 70140306003	Collected: 07/31/20 12:55	Received: 07/31/20 13:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 17:00	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 17:00	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		08/10/20 17:00	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 17:00	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 17:00	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		08/10/20 17:00	10061-02-6	CL,L2
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	105-05-5	N3
Ethanol	<250	ug/L	250	1		08/10/20 17:00	64-17-5	L1
Ethylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		08/10/20 17:00	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		08/10/20 17:00	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		08/10/20 17:00	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		08/10/20 17:00	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		08/10/20 17:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		08/10/20 17:00	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	103-65-1	
Styrene	<1.0	ug/L	1.0	1		08/10/20 17:00	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		08/10/20 17:00	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		08/10/20 17:00	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		08/10/20 17:00	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		08/10/20 17:00	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		08/10/20 17:00	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		08/10/20 17:00	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		08/10/20 17:00	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		08/10/20 17:00	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		08/10/20 17:00	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		08/10/20 17:00	460-00-4	
Toluene-d8 (S)	94	%	69-124	1		08/10/20 17:00	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	127	mg/L	10.0	1		08/12/20 09:13		H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

QC Batch:	172344	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70140306001, 70140306002, 70140306003

METHOD BLANK: 834337 Matrix: Water

Associated Lab Samples: 70140306001, 70140306002, 70140306003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	08/12/20 16:45	
Iron, Dissolved	ug/L	<20.0	20.0	08/12/20 16:45	
Manganese, Dissolved	ug/L	<10.0	10.0	08/12/20 16:45	
Zinc, Dissolved	ug/L	<20.0	20.0	08/12/20 16:45	

LABORATORY CONTROL SAMPLE: 834338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	49.9	100	85-115	
Iron, Dissolved	ug/L	2000	2020	101	85-115	
Manganese, Dissolved	ug/L	250	251	100	85-115	
Zinc, Dissolved	ug/L	1000	1020	102	85-115	

MATRIX SPIKE SAMPLE: 834340

Parameter	Units	70140306001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5	5.3	106	70-130	
Iron, Dissolved	ug/L	<20.0	200	221	108	70-130	
Manganese, Dissolved	ug/L	72.2	25	96.4	97	70-130	
Zinc, Dissolved	ug/L	92.6	100	199	106	70-130	

SAMPLE DUPLICATE: 834339

Parameter	Units	70140306001 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	<20.0	<20.0		
Manganese, Dissolved	ug/L	72.2	70.7	2	
Zinc, Dissolved	ug/L	92.6	89.9	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

QC Batch:	171537	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70140306001, 70140306002, 70140306003

METHOD BLANK: 829318 Matrix: Water

Associated Lab Samples: 70140306001, 70140306002, 70140306003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	08/09/20 16:52	
Iron	ug/L	<100	100	08/09/20 16:52	
Manganese	ug/L	<10.0	10.0	08/09/20 16:52	
Zinc	ug/L	<20.0	20.0	08/09/20 16:52	

LABORATORY CONTROL SAMPLE: 829319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	50.5	101	85-115	
Iron	ug/L	2000	2020	101	85-115	
Manganese	ug/L	250	251	100	85-115	
Zinc	ug/L	1000	1020	102	85-115	

MATRIX SPIKE SAMPLE: 829321

Parameter	Units	70140071001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	5	5.5	110	70-130	
Iron	ug/L	658	200	928	135	70-130	M1
Manganese	ug/L	174	25	199	100	70-130	
Zinc	ug/L	<20.0	100	116	111	70-130	

MATRIX SPIKE SAMPLE: 829323

Parameter	Units	70140071003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	5	5.5	109	70-130	
Iron	ug/L	953	200	1310	177	70-130	M1
Manganese	ug/L	284	25	318	136	70-130	M1
Zinc	ug/L	<20.0	100	115	110	70-130	

SAMPLE DUPLICATE: 829320

Parameter	Units	70140071001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	658	698	6	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

SAMPLE DUPLICATE: 829320

Parameter	Units	70140071001 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	174	185	6	
Zinc	ug/L	<20.0	102		

SAMPLE DUPLICATE: 829322

Parameter	Units	70140071003 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	953	1020	6	
Manganese	ug/L	284	296	4	
Zinc	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

QC Batch: 172061

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70140306001, 70140306002, 70140306003

METHOD BLANK: 832947

Matrix: Water

Associated Lab Samples: 70140306001, 70140306002, 70140306003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
1,1-Dichloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
1,1-Dichloroethene	ug/L	<1.0	1.0	08/10/20 11:45	
1,1-Dichloropropene	ug/L	<1.0	1.0	08/10/20 11:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	08/10/20 11:45	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	08/10/20 11:45	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	08/10/20 11:45	
1,2-Dichloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
1,2-Dichloropropane	ug/L	<1.0	1.0	08/10/20 11:45	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	08/10/20 11:45	
1,3-Dichloropropane	ug/L	<1.0	1.0	08/10/20 11:45	
1,4-Diethylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	08/10/20 11:45	
2-Butanone (MEK)	ug/L	<5.0	5.0	08/10/20 11:45	CL,IL
2-Chlorotoluene	ug/L	<1.0	1.0	08/10/20 11:45	
2-Hexanone	ug/L	<5.0	5.0	08/10/20 11:45	
4-Chlorotoluene	ug/L	<1.0	1.0	08/10/20 11:45	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	08/10/20 11:45	
Acetone	ug/L	<5.0	5.0	08/10/20 11:45	
Benzene	ug/L	<1.0	1.0	08/10/20 11:45	
Bromobenzene	ug/L	<1.0	1.0	08/10/20 11:45	
Bromochloromethane	ug/L	<1.0	1.0	08/10/20 11:45	
Bromodichloromethane	ug/L	<1.0	1.0	08/10/20 11:45	
Bromoform	ug/L	<1.0	1.0	08/10/20 11:45	
Bromomethane	ug/L	<1.0	1.0	08/10/20 11:45	
Carbon disulfide	ug/L	<1.0	1.0	08/10/20 11:45	
Carbon tetrachloride	ug/L	<1.0	1.0	08/10/20 11:45	
Chlorobenzene	ug/L	<1.0	1.0	08/10/20 11:45	
Chlorodifluoromethane	ug/L	<1.0	1.0	08/10/20 11:45	N3
Chloroethane	ug/L	<1.0	1.0	08/10/20 11:45	
Chloroform	ug/L	<1.0	1.0	08/10/20 11:45	
Chloromethane	ug/L	<1.0	1.0	08/10/20 11:45	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	08/10/20 11:45	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	08/10/20 11:45	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

METHOD BLANK: 832947

Matrix: Water

Associated Lab Samples: 70140306001, 70140306002, 70140306003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	08/10/20 11:45	
Dibromomethane	ug/L	<1.0	1.0	08/10/20 11:45	
Dichlorodifluoromethane	ug/L	<1.0	1.0	08/10/20 11:45	CL
Ethanol	ug/L	<250	250	08/10/20 11:45	
Ethylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	08/10/20 11:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	08/10/20 11:45	
Methylene Chloride	ug/L	<1.0	1.0	08/10/20 11:45	
n-Butylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
n-Propylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
p-Isopropyltoluene	ug/L	<1.0	1.0	08/10/20 11:45	
sec-Butylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
Styrene	ug/L	<1.0	1.0	08/10/20 11:45	
tert-Butylbenzene	ug/L	<1.0	1.0	08/10/20 11:45	
Tetrachloroethene	ug/L	<1.0	1.0	08/10/20 11:45	
Toluene	ug/L	<1.0	1.0	08/10/20 11:45	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	08/10/20 11:45	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	08/10/20 11:45	CL
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	08/10/20 11:45	
Trichloroethene	ug/L	<1.0	1.0	08/10/20 11:45	
Vinyl chloride	ug/L	<1.0	1.0	08/10/20 11:45	
Xylene (Total)	ug/L	<3.0	3.0	08/10/20 11:45	
1,2-Dichloroethane-d4 (S)	%	98	68-153	08/10/20 11:45	
4-Bromofluorobenzene (S)	%	95	79-124	08/10/20 11:45	
Toluene-d8 (S)	%	95	69-124	08/10/20 11:45	

LABORATORY CONTROL SAMPLE: 832948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	41.5	83	74-113	
1,1,1-Trichloroethane	ug/L	50	41.6	83	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	51.4	103	74-121	
1,1,2-Trichloroethane	ug/L	50	50.7	101	80-117	
1,1-Dichloroethane	ug/L	50	54.8	110	83-151	
1,1-Dichloroethene	ug/L	50	52.2	104	45-146	
1,1-Dichloropropene	ug/L	50	46.6	93	59-127	
1,2,3-Trichlorobenzene	ug/L	50	45.8	92	67-103	
1,2,3-Trichloropropane	ug/L	50	45.7	91	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	48.0	96	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	46.9	94	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	47.5	95	83-115	
1,2-Dichloroethane	ug/L	50	56.8	114	74-129	
1,2-Dichloropropane	ug/L	50	47.5	95	75-117	
1,3,5-Trimethylbenzene	ug/L	50	47.1	94	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

LABORATORY CONTROL SAMPLE: 832948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.1	94	71-112	
1,3-Dichloropropane	ug/L	50	47.4	95	74-112	
1,4-Diethylbenzene	ug/L	50	51.6	103	56-130	N3
2,2-Dichloropropane	ug/L	50	36.9	74	63-133	
2-Butanone (MEK)	ug/L	50	28.5	57	44-162	CL,IL
2-Chlorotoluene	ug/L	50	47.6	95	74-101	
2-Hexanone	ug/L	50	45.6	91	32-183	
4-Chlorotoluene	ug/L	50	46.4	93	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	51.6	103	69-132	
Acetone	ug/L	50	70.7	141	23-188	CH
Benzene	ug/L	50	51.3	103	73-119	
Bromobenzene	ug/L	50	43.1	86	72-102	
Bromochloromethane	ug/L	50	57.9	116	81-116	CH
Bromodichloromethane	ug/L	50	45.8	92	78-117	
Bromoform	ug/L	50	41.3	83	65-122	
Bromomethane	ug/L	50	57.4	115	52-147	IH
Carbon disulfide	ug/L	50	50.1	100	41-144	
Carbon tetrachloride	ug/L	50	44.3	89	59-120	
Chlorobenzene	ug/L	50	46.5	93	75-113	
Chlorodifluoromethane	ug/L	50	37.4	75	43-140	N3
Chloroethane	ug/L	50	51.9	104	49-151	
Chloroform	ug/L	50	55.0	110	72-122	
Chloromethane	ug/L	50	37.1	74	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	55.5	111	72-121	
cis-1,3-Dichloropropene	ug/L	50	41.4	83	78-116	
Dibromochloromethane	ug/L	50	45.8	92	70-120	
Dibromomethane	ug/L	50	50.7	101	75-125	
Dichlorodifluoromethane	ug/L	50	20.8	42	22-154	CL
Ethanol	ug/L	1250	1960	157	10-151	CH,L1
Ethylbenzene	ug/L	50	44.8	90	70-113	
Hexachloro-1,3-butadiene	ug/L	50	45.1	90	59-121	
Isopropylbenzene (Cumene)	ug/L	50	46.2	92	67-115	
Methylene Chloride	ug/L	50	55.4	111	61-142	
n-Butylbenzene	ug/L	50	50.4	101	73-107	
n-Propylbenzene	ug/L	50	47.7	95	68-116	
p-Isopropyltoluene	ug/L	50	46.9	94	73-101	
sec-Butylbenzene	ug/L	50	47.9	96	72-103	
Styrene	ug/L	50	45.7	91	72-118	
tert-Butylbenzene	ug/L	50	46.6	93	68-100	
Tetrachloroethene	ug/L	50	42.8	86	60-128	
Toluene	ug/L	50	49.0	98	72-119	
trans-1,2-Dichloroethene	ug/L	50	54.9	110	56-142	
trans-1,3-Dichloropropene	ug/L	50	37.7	75	79-116	CL,L2
trans-1,4-Dichloro-2-butene	ug/L	50	40.6	81	71-121	
Trichloroethene	ug/L	50	46.4	93	69-117	
Vinyl chloride	ug/L	50	45.7	91	43-143	IH
Xylene (Total)	ug/L	150	138	92	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

LABORATORY CONTROL SAMPLE: 832948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			98	68-153	
4-Bromofluorobenzene (S)	%			95	79-124	
Toluene-d8 (S)	%			96	69-124	

MATRIX SPIKE SAMPLE: 833642

Parameter	Units	70140581006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	39.5	79	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	42.4	85	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	49.7	99	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	49.7	99	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	55.5	111	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	54.5	109	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	50.5	101	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	46.1	92	67-103	
1,2,3-Trichloropropane	ug/L	<1.0	50	46.8	94	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	44.8	90	66-103	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	45.7	91	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	47.1	94	83-115	
1,2-Dichloroethane	ug/L	<1.0	50	55.9	112	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	47.0	94	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	45.8	92	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	45.3	91	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	47.4	95	74-112	
1,4-Diethylbenzene	ug/L	<1.0	50	46.1	92	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	32.7	65	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	52.7	105	44-162	CL,IL
2-Chlorotoluene	ug/L	<1.0	50	45.1	90	74-101	
2-Hexanone	ug/L	<5.0	50	42.5	85	32-183	
4-Chlorotoluene	ug/L	<1.0	50	45.6	91	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	49.7	99	69-132	
Acetone	ug/L	5.9	50	66.3	121	23-188	CH
Benzene	ug/L	<1.0	50	50.3	101	73-119	
Bromobenzene	ug/L	<1.0	50	43.7	87	72-102	
Bromochloromethane	ug/L	<1.0	50	55.6	111	81-116	CH
Bromodichloromethane	ug/L	<1.0	50	47.7	95	78-117	
Bromoform	ug/L	<1.0	50	40.5	81	65-122	
Bromomethane	ug/L	<1.0	50	56.5	113	52-147	IH
Carbon disulfide	ug/L	<1.0	50	56.1	112	41-144	
Carbon tetrachloride	ug/L	<1.0	50	45.9	92	59-120	
Chlorobenzene	ug/L	<1.0	50	45.4	91	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	49.8	100	43-140	N3
Chloroethane	ug/L	<1.0	50	56.7	113	49-151	
Chloroform	ug/L	<1.0	50	56.2	112	72-122	
Chloromethane	ug/L	<1.0	50	50.4	101	46-144	CL

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

MATRIX SPIKE SAMPLE: 833642		70140581006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	50	56.0	112	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	40.7	81	78-116	
Dibromochloromethane	ug/L	<1.0	50	43.2	86	70-120	
Dibromomethane	ug/L	<1.0	50	50.0	100	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	46.1	92	22-154	CL
Ethanol	ug/L	<250	1250	1350	108	10-151	CH
Ethylbenzene	ug/L	<1.0	50	46.3	93	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	38.8	78	59-121	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	45.8	92	67-115	
Methylene Chloride	ug/L	<1.0	50	56.6	113	61-142	
n-Butylbenzene	ug/L	<1.0	50	47.4	95	73-107	
n-Propylbenzene	ug/L	<1.0	50	47.2	94	68-116	
p-Isopropyltoluene	ug/L	<1.0	50	45.2	90	73-101	
sec-Butylbenzene	ug/L	<1.0	50	47.1	94	72-103	
Styrene	ug/L	<1.0	50	45.6	91	72-118	
tert-Butylbenzene	ug/L	<1.0	50	45.7	91	68-100	
Tetrachloroethene	ug/L	<1.0	50	43.1	86	60-128	
Toluene	ug/L	<1.0	50	50.1	100	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	56.2	112	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	35.7	71	79-116	CL,M0
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	34.7	69	71-121	M1
Trichloroethene	ug/L	<1.0	50	48.7	97	69-117	
Vinyl chloride	ug/L	<1.0	50	58.1	116	43-143	IH
Xylene (Total)	ug/L	<3.0	150	138	92	71-109	
1,2-Dichloroethane-d4 (S)	%				97	68-153	
4-Bromofluorobenzene (S)	%				96	79-124	
Toluene-d8 (S)	%				95	69-124	

SAMPLE DUPLICATE: 833643

Parameter	Units	70140581008	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

SAMPLE DUPLICATE: 833643

Parameter	Units	70140581008 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		CL,IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		CL
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		CL
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		CL
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

SAMPLE DUPLICATE: 833643

Parameter	Units	70140581008 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	99	99		
4-Bromofluorobenzene (S)	%	95	95		
Toluene-d8 (S)	%	94	94		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: MONTHLY 7/31

Pace Project No.: 70140306

QC Batch:	172394	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70140306001, 70140306002, 70140306003

METHOD BLANK: 834839 Matrix: Water

Associated Lab Samples: 70140306001, 70140306002, 70140306003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	08/12/20 09:01	

LABORATORY CONTROL SAMPLE: 834840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	496	99	85-115	

MATRIX SPIKE SAMPLE: 834842

Parameter	Units	70140192001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	173	300	474	100	75-125	H1

MATRIX SPIKE SAMPLE: 834844

Parameter	Units	70140794004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	20.0	300	299	93	75-125	

SAMPLE DUPLICATE: 834841

Parameter	Units	70140192001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	173	168	3	H1

SAMPLE DUPLICATE: 834843

Parameter	Units	70140794004 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	20.0	19.0	5	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: MONTHLY 7/31

Pace Project No.: 70140306

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
H1	Analysis conducted outside the EPA method holding time.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MONTHLY 7/31

Pace Project No.: 70140306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70140306001	INFLUENT #1	EPA 200.7	171537	EPA 200.7	171542
70140306002	INFLUENT #2	EPA 200.7	171537	EPA 200.7	171542
70140306003	EFFLUENT #1	EPA 200.7	171537	EPA 200.7	171542
70140306001	INFLUENT #1	EPA 200.7	172344		
70140306002	INFLUENT #2	EPA 200.7	172344		
70140306003	EFFLUENT #1	EPA 200.7	172344		
70140306001	INFLUENT #1	EPA 8260C/5030C	172061		
70140306002	INFLUENT #2	EPA 8260C/5030C	172061		
70140306003	EFFLUENT #1	EPA 8260C/5030C	172061		
70140306001	INFLUENT #1	SM22 2540C	172394		
70140306002	INFLUENT #2	SM22 2540C	172394		
70140306003	EFFLUENT #1	SM22 2540C	172394		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Jason Fellows / Wildlife	7/5/00	13:45	Lacey Parcel F	7/6/00	13:45	A9 YB NY QHA 737

Page 22 of 23



Sample Condition Upon Receipt

Client Name: _____

Project _____

WO#: 70140306**PM: JSA****Due Date: 08/11/20****CLIENT: FAIR**Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ OtherThermometer Used: TH091 Correction Factor: +0.4Cooler Temperature (°C): 4.9 Cooler Temperature Corrected (°C): 5.3

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)Date and Initials of person examining contents: 7/31/20 JSDid samples originate in a quarantine zone within the United States. AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NODid samples originate from a foreign source (internationally including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	
Containers Intact:	☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☒ No ☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix SL WT OIL		
All containers needing preservation have been checked	☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	☒ Yes ☐ No ☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
KI starch test strips Lot #		
Residual chlorine strips Lot #		Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

September 10, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: FAIR MONTHLY 8/28
Pace Project No.: 70143991

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on August 28, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Sample: INFLUENT # 1		Lab ID: 70143991001		Collected: 08/28/20 14:05		Received: 08/28/20 14:56		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	09/08/20 12:11	09/10/20 12:17	7440-41-7		
Iron	486	ug/L	100	1	09/08/20 12:11	09/10/20 12:17	7439-89-6		
Manganese	61.8	ug/L	10.0	1	09/08/20 12:11	09/10/20 12:17	7439-96-5		
Zinc	59.5	ug/L	20.0	1	09/08/20 12:11	09/10/20 12:17	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		09/03/20 18:24	7440-41-7		
Iron, Dissolved	36.7	ug/L	20.0	1		09/03/20 18:24	7439-89-6		
Manganese, Dissolved	63.2	ug/L	10.0	1		09/03/20 18:24	7439-96-5		
Zinc, Dissolved	158	ug/L	20.0	1		09/03/20 18:24	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		09/02/20 02:21	67-64-1	CH	
Benzene	1.7	ug/L	1.0	1		09/02/20 02:21	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		09/02/20 02:21	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		09/02/20 02:21	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		09/02/20 02:21	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		09/02/20 02:21	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/02/20 02:21	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		09/02/20 02:21	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/02/20 02:21	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		09/02/20 02:21	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		09/02/20 02:21	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		09/02/20 02:21	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		09/02/20 02:21	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/02/20 02:21	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/02/20 02:21	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		09/02/20 02:21	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/02/20 02:21	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		09/02/20 02:21	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		09/02/20 02:21	110-57-6		
Dichlorodifluoromethane	1.0	ug/L	1.0	1		09/02/20 02:21	75-71-8		
1,1-Dichloroethane	16.4	ug/L	1.0	1		09/02/20 02:21	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:21	107-06-2		
1,1-Dichloroethene	7.7	ug/L	1.0	1		09/02/20 02:21	75-35-4		
cis-1,2-Dichloroethene	241	ug/L	10.0	10		09/03/20 21:03	156-59-2		
trans-1,2-Dichloroethene	3.2	ug/L	1.0	1		09/02/20 02:21	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Sample: INFLUENT # 1		Lab ID: 70143991001		Collected: 08/28/20 14:05		Received: 08/28/20 14:56		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:21	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:21	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:21	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 02:21	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 02:21	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 02:21	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	105-05-5	N3	
Ethanol	<250	ug/L	250	1		09/02/20 02:21	64-17-5	L1	
Ethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/02/20 02:21	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		09/02/20 02:21	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/02/20 02:21	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/02/20 02:21	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		09/02/20 02:21	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/02/20 02:21	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	103-65-1		
Styrene	<1.0	ug/L	1.0	1		09/02/20 02:21	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/02/20 02:21	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/02/20 02:21	79-34-5		
Tetrachloroethene	706	ug/L	10.0	10		09/03/20 21:03	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		09/02/20 02:21	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:21	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:21	79-00-5		
Trichloroethene	111	ug/L	1.0	1		09/02/20 02:21	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:21	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:21	108-67-8		
Vinyl chloride	25.6	ug/L	1.0	1		09/02/20 02:21	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		09/02/20 02:21	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/02/20 02:21	17060-07-0		
4-Bromofluorobenzene (S)	98	%	79-124	1		09/02/20 02:21	460-00-4		
Toluene-d8 (S)	97	%	69-124	1		09/02/20 02:21	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	149	mg/L	10.0	1		09/03/20 09:55			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Sample: INFLUENT # 2		Lab ID: 70143991002		Collected: 08/28/20 14:15		Received: 08/28/20 14:56		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	09/08/20 12:11	09/10/20 12:19	7440-41-7		
Iron	487	ug/L	100	1	09/08/20 12:11	09/10/20 12:19	7439-89-6		
Manganese	62.1	ug/L	10.0	1	09/08/20 12:11	09/10/20 12:19	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	09/08/20 12:11	09/10/20 12:19	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		09/03/20 18:27	7440-41-7		
Iron, Dissolved	47.1	ug/L	20.0	1		09/03/20 18:27	7439-89-6		
Manganese, Dissolved	62.2	ug/L	10.0	1		09/03/20 18:27	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		09/03/20 18:27	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		09/02/20 02:01	67-64-1		
Benzene	<1.0	ug/L	1.0	1		09/02/20 02:01	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		09/02/20 02:01	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		09/02/20 02:01	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		09/02/20 02:01	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		09/02/20 02:01	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/02/20 02:01	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		09/02/20 02:01	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/02/20 02:01	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		09/02/20 02:01	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		09/02/20 02:01	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		09/02/20 02:01	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/02/20 02:01	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/02/20 02:01	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		09/02/20 02:01	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/02/20 02:01	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		09/02/20 02:01	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		09/02/20 02:01	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/02/20 02:01	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/02/20 02:01	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/02/20 02:01	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/02/20 02:01	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Sample: INFLUENT # 2		Lab ID: 70143991002		Collected: 08/28/20 14:15		Received: 08/28/20 14:56		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:01	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:01	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:01	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 02:01	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 02:01	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 02:01	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	105-05-5	N3	
Ethanol	<250	ug/L	250	1		09/02/20 02:01	64-17-5	L1	
Ethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/02/20 02:01	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		09/02/20 02:01	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/02/20 02:01	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/02/20 02:01	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		09/02/20 02:01	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/02/20 02:01	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	103-65-1		
Styrene	<1.0	ug/L	1.0	1		09/02/20 02:01	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	630-20-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		09/02/20 02:01	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		09/02/20 02:01	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/02/20 02:01	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		09/02/20 02:01	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/02/20 02:01	96-18-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/02/20 02:01	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		09/02/20 02:01	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		09/02/20 02:01	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/02/20 02:01	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		09/02/20 02:01	460-00-4		
Toluene-d8 (S)	99	%	69-124	1		09/02/20 02:01	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	134	mg/L	10.0	1		09/03/20 10:05			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Sample: EFFLUENT # 1		Lab ID: 70143991003		Collected: 08/28/20 14:25		Received: 08/28/20 14:56		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	09/08/20 12:11	09/10/20 12:22	7440-41-7		
Iron	477	ug/L	100	1	09/08/20 12:11	09/10/20 12:22	7439-89-6		
Manganese	66.9	ug/L	10.0	1	09/08/20 12:11	09/10/20 12:22	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	09/08/20 12:11	09/10/20 12:22	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		09/03/20 18:29	7440-41-7		
Iron, Dissolved	51.2	ug/L	20.0	1		09/03/20 18:29	7439-89-6		
Manganese, Dissolved	60.2	ug/L	10.0	1		09/03/20 18:29	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		09/03/20 18:29	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		09/02/20 01:41	67-64-1	CH	
Benzene	<1.0	ug/L	1.0	1		09/02/20 01:41	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		09/02/20 01:41	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		09/02/20 01:41	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		09/02/20 01:41	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		09/02/20 01:41	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/02/20 01:41	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		09/02/20 01:41	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/02/20 01:41	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		09/02/20 01:41	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		09/02/20 01:41	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		09/02/20 01:41	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/02/20 01:41	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/02/20 01:41	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		09/02/20 01:41	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/02/20 01:41	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		09/02/20 01:41	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		09/02/20 01:41	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/02/20 01:41	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/02/20 01:41	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/02/20 01:41	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/02/20 01:41	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Sample: EFFLUENT # 1		Lab ID: 70143991003	Collected: 08/28/20 14:25	Received: 08/28/20 14:56	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 01:41	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 01:41	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/02/20 01:41	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 01:41	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 01:41	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/02/20 01:41	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	105-05-5	N3
Ethanol	<250	ug/L	250	1		09/02/20 01:41	64-17-5	L1
Ethylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/02/20 01:41	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		09/02/20 01:41	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/02/20 01:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/02/20 01:41	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		09/02/20 01:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/02/20 01:41	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	103-65-1	
Styrene	<1.0	ug/L	1.0	1		09/02/20 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		09/02/20 01:41	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		09/02/20 01:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/02/20 01:41	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		09/02/20 01:41	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/02/20 01:41	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/02/20 01:41	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		09/02/20 01:41	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/02/20 01:41	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	68-153	1		09/02/20 01:41	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		09/02/20 01:41	460-00-4	
Toluene-d8 (S)	100	%	69-124	1		09/02/20 01:41	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	139	mg/L	10.0	1		09/03/20 10:05		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

QC Batch:	175883	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70143991001, 70143991002, 70143991003

METHOD BLANK: 853258 Matrix: Water

Associated Lab Samples: 70143991001, 70143991002, 70143991003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	09/03/20 17:33	
Iron, Dissolved	ug/L	<20.0	20.0	09/03/20 17:33	
Manganese, Dissolved	ug/L	<10.0	10.0	09/03/20 17:33	
Zinc, Dissolved	ug/L	<20.0	20.0	09/03/20 17:33	

LABORATORY CONTROL SAMPLE: 853259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	50.7	101	85-115	
Iron, Dissolved	ug/L	2000	2030	102	85-115	
Manganese, Dissolved	ug/L	250	251	100	85-115	
Zinc, Dissolved	ug/L	1000	1020	102	85-115	

MATRIX SPIKE SAMPLE: 853261

Parameter	Units	70142861019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	44.9	89	70-130	
Iron, Dissolved	ug/L	<20.0	2000	1870	94	70-130	
Manganese, Dissolved	ug/L	<10.0	250	234	94	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	843	84	70-130	

MATRIX SPIKE SAMPLE: 853263

Parameter	Units	70142861021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	45.3	90	70-130	
Iron, Dissolved	ug/L	<20.0	2000	1890	95	70-130	
Manganese, Dissolved	ug/L	<10.0	250	228	91	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	853	85	70-130	

SAMPLE DUPLICATE: 853260

Parameter	Units	70142861019 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

SAMPLE DUPLICATE: 853260

Parameter	Units	70142861019 Result	Dup Result	RPD	Qualifiers
Manganese, Dissolved	ug/L	<10.0	<10.0		
Zinc, Dissolved	ug/L	<20.0	<20.0		

SAMPLE DUPLICATE: 853262

Parameter	Units	70142861021 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	<20.0	<20.0		
Manganese, Dissolved	ug/L	<10.0	<10.0		
Zinc, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28
Pace Project No.: 70143991

QC Batch: 176293 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70143991001, 70143991002, 70143991003

METHOD BLANK: 855194 Matrix: Water
Associated Lab Samples: 70143991001, 70143991002, 70143991003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	09/10/20 11:40	
Iron	ug/L	<100	100	09/10/20 11:40	
Manganese	ug/L	<10.0	10.0	09/10/20 11:40	
Zinc	ug/L	<20.0	20.0	09/10/20 11:40	

LABORATORY CONTROL SAMPLE: 855195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	51.3	103	85-115	
Iron	ug/L	2000	2040	102	85-115	
Manganese	ug/L	250	253	101	85-115	
Zinc	ug/L	1000	1020	102	85-115	

MATRIX SPIKE SAMPLE: 855197

Parameter	Units	70143926013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	50.4	101	70-130	
Iron	ug/L	<100	2000	2050	101	70-130	
Manganese	ug/L	20.8	250	269	99	70-130	
Zinc	ug/L	<0.020 mg/L	1000	1020	102	70-130	

MATRIX SPIKE SAMPLE: 855199

Parameter	Units	70143926014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.5	99	70-130	
Iron	ug/L	<100	2000	2010	99	70-130	
Manganese	ug/L	20.7	250	264	97	70-130	
Zinc	ug/L	<0.020 mg/L	1000	996	99	70-130	

SAMPLE DUPLICATE: 855196

Parameter	Units	70143926013 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	<100	<100		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

SAMPLE DUPLICATE: 855196

Parameter	Units	70143926013 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	20.8	20.0	4	
Zinc	ug/L	<0.020 mg/L	<20.0		

SAMPLE DUPLICATE: 855198

Parameter	Units	70143926014 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0	2	
Iron	ug/L	<100	<100		
Manganese	ug/L	20.7	20.2		
Zinc	ug/L	<0.020 mg/L	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

QC Batch: 175505

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70143991001, 70143991002, 70143991003

METHOD BLANK: 851301

Matrix: Water

Associated Lab Samples: 70143991001, 70143991002, 70143991003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
1,1-Dichloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
1,1-Dichloroethene	ug/L	<1.0	1.0	09/01/20 17:34	
1,1-Dichloropropene	ug/L	<1.0	1.0	09/01/20 17:34	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	09/01/20 17:34	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	09/01/20 17:34	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	09/01/20 17:34	
1,2-Dichloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
1,2-Dichloropropane	ug/L	<1.0	1.0	09/01/20 17:34	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	09/01/20 17:34	
1,3-Dichloropropane	ug/L	<1.0	1.0	09/01/20 17:34	
1,4-Diethylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	09/01/20 17:34	
2-Butanone (MEK)	ug/L	<5.0	5.0	09/01/20 17:34	IL
2-Chlorotoluene	ug/L	<1.0	1.0	09/01/20 17:34	
2-Hexanone	ug/L	<5.0	5.0	09/01/20 17:34	
4-Chlorotoluene	ug/L	<1.0	1.0	09/01/20 17:34	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	09/01/20 17:34	
Acetone	ug/L	<5.0	5.0	09/01/20 17:34	
Benzene	ug/L	<1.0	1.0	09/01/20 17:34	
Bromobenzene	ug/L	<1.0	1.0	09/01/20 17:34	
Bromochloromethane	ug/L	<1.0	1.0	09/01/20 17:34	
Bromodichloromethane	ug/L	<1.0	1.0	09/01/20 17:34	
Bromoform	ug/L	<1.0	1.0	09/01/20 17:34	
Bromomethane	ug/L	<1.0	1.0	09/01/20 17:34	
Carbon disulfide	ug/L	<1.0	1.0	09/01/20 17:34	
Carbon tetrachloride	ug/L	<1.0	1.0	09/01/20 17:34	
Chlorobenzene	ug/L	<1.0	1.0	09/01/20 17:34	
Chlorodifluoromethane	ug/L	<1.0	1.0	09/01/20 17:34	N3
Chloroethane	ug/L	<1.0	1.0	09/01/20 17:34	
Chloroform	ug/L	<1.0	1.0	09/01/20 17:34	
Chloromethane	ug/L	<1.0	1.0	09/01/20 17:34	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	09/01/20 17:34	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	09/01/20 17:34	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

METHOD BLANK: 851301

Matrix: Water

Associated Lab Samples: 70143991001, 70143991002, 70143991003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	09/01/20 17:34	
Dibromomethane	ug/L	<1.0	1.0	09/01/20 17:34	
Dichlorodifluoromethane	ug/L	<1.0	1.0	09/01/20 17:34	
Ethanol	ug/L	<250	250	09/01/20 17:34	
Ethylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	09/01/20 17:34	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	09/01/20 17:34	
Methylene Chloride	ug/L	<1.0	1.0	09/01/20 17:34	
n-Butylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
n-Propylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
p-Isopropyltoluene	ug/L	<1.0	1.0	09/01/20 17:34	
sec-Butylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
Styrene	ug/L	<1.0	1.0	09/01/20 17:34	
tert-Butylbenzene	ug/L	<1.0	1.0	09/01/20 17:34	
Tetrachloroethene	ug/L	<1.0	1.0	09/01/20 17:34	
Toluene	ug/L	<1.0	1.0	09/01/20 17:34	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	09/01/20 17:34	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	09/01/20 17:34	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	09/01/20 17:34	
Trichloroethene	ug/L	<1.0	1.0	09/01/20 17:34	
Vinyl chloride	ug/L	<1.0	1.0	09/01/20 17:34	
Xylene (Total)	ug/L	<3.0	3.0	09/01/20 17:34	
1,2-Dichloroethane-d4 (S)	%	100	68-153	09/01/20 17:34	
4-Bromofluorobenzene (S)	%	101	79-124	09/01/20 17:34	
Toluene-d8 (S)	%	101	69-124	09/01/20 17:34	

LABORATORY CONTROL SAMPLE: 851302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.4	109	74-113	
1,1,1-Trichloroethane	ug/L	50	50.3	101	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	74-121	
1,1,2-Trichloroethane	ug/L	50	52.7	105	80-117	
1,1-Dichloroethane	ug/L	50	52.2	104	83-151	
1,1-Dichloroethene	ug/L	50	54.9	110	45-146	
1,1-Dichloropropene	ug/L	50	51.8	104	59-127	
1,2,3-Trichlorobenzene	ug/L	50	51.4	103	67-103	
1,2,3-Trichloropropane	ug/L	50	48.9	98	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	50.2	100	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	49.5	99	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	52.2	104	83-115	
1,2-Dichloroethane	ug/L	50	51.6	103	74-129	
1,2-Dichloropropane	ug/L	50	51.2	102	75-117	
1,3,5-Trimethylbenzene	ug/L	50	49.3	99	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

LABORATORY CONTROL SAMPLE: 851302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.1	102	71-112	
1,3-Dichloropropane	ug/L	50	50.1	100	74-112	
1,4-Diethylbenzene	ug/L	50	51.0	102	56-130	N3
2,2-Dichloropropane	ug/L	50	57.1	114	63-133	
2-Butanone (MEK)	ug/L	50	55.3	111	44-162	IL
2-Chlorotoluene	ug/L	50	50.1	100	74-101	
2-Hexanone	ug/L	50	54.0	108	32-183	
4-Chlorotoluene	ug/L	50	49.7	99	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	50.0	100	69-132	
Acetone	ug/L	50	73.5	147	23-188	CH
Benzene	ug/L	50	51.3	103	73-119	
Bromobenzene	ug/L	50	50.2	100	72-102	
Bromochloromethane	ug/L	50	52.6	105	81-116	
Bromodichloromethane	ug/L	50	54.1	108	78-117	
Bromoform	ug/L	50	45.1	90	65-122	
Bromomethane	ug/L	50	50.8	102	52-147	
Carbon disulfide	ug/L	50	55.9	112	41-144	
Carbon tetrachloride	ug/L	50	52.4	105	59-120	
Chlorobenzene	ug/L	50	51.7	103	75-113	
Chlorodifluoromethane	ug/L	50	54.4	109	43-140	N3
Chloroethane	ug/L	50	51.4	103	49-151	
Chloroform	ug/L	50	54.1	108	72-122	
Chloromethane	ug/L	50	51.3	103	46-144	
cis-1,2-Dichloroethene	ug/L	50	53.8	108	72-121	
cis-1,3-Dichloropropene	ug/L	50	54.1	108	78-116	
Dibromochloromethane	ug/L	50	55.7	111	70-120	
Dibromomethane	ug/L	50	50.8	102	75-125	
Dichlorodifluoromethane	ug/L	50	52.1	104	22-154	
Ethanol	ug/L	1250	1990	160	10-151	CH,L1
Ethylbenzene	ug/L	50	51.3	103	70-113	
Hexachloro-1,3-butadiene	ug/L	50	57.4	115	59-121	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	67-115	
Methylene Chloride	ug/L	50	49.7	99	61-142	
n-Butylbenzene	ug/L	50	51.0	102	73-107	
n-Propylbenzene	ug/L	50	50.1	100	68-116	
p-Isopropyltoluene	ug/L	50	49.7	99	73-101	
sec-Butylbenzene	ug/L	50	49.7	99	72-103	
Styrene	ug/L	50	52.1	104	72-118	
tert-Butylbenzene	ug/L	50	49.8	100	68-100	
Tetrachloroethene	ug/L	50	50.6	101	60-128	
Toluene	ug/L	50	52.0	104	72-119	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	56-142	
trans-1,3-Dichloropropene	ug/L	50	56.4	113	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	52.9	106	71-121	
Trichloroethene	ug/L	50	52.1	104	69-117	
Vinyl chloride	ug/L	50	52.8	106	43-143	
Xylene (Total)	ug/L	150	157	105	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

LABORATORY CONTROL SAMPLE: 851302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			98	68-153	
4-Bromofluorobenzene (S)	%			100	79-124	
Toluene-d8 (S)	%			98	69-124	

MATRIX SPIKE SAMPLE: 852325

Parameter	Units	70144049002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	47.7	95	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	46.6	93	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50.5	101	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	50.2	100	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	48.6	97	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	50.9	102	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	47.2	94	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	47.1	94	67-103	
1,2,3-Trichloropropane	ug/L	<1.0	50	51.4	103	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	42.0	84	66-103	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	42.5	85	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50.8	102	83-115	
1,2-Dichloroethane	ug/L	<1.0	50	47.8	96	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	47.1	94	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	41.4	83	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	44.9	90	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	47.8	96	74-112	
1,4-Diethylbenzene	ug/L	<1.0	50	38.4	77	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	45.8	92	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	51.1	102	44-162	IL
2-Chlorotoluene	ug/L	<1.0	50	42.9	86	74-101	
2-Hexanone	ug/L	<5.0	50	50.6	101	32-183	
4-Chlorotoluene	ug/L	<1.0	50	43.8	88	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50.7	101	69-132	
Acetone	ug/L	<5.0	50	50.4	97	23-188	CH
Benzene	ug/L	2.5	50	49.7	94	73-119	
Bromobenzene	ug/L	<1.0	50	46.8	94	72-102	
Bromochloromethane	ug/L	<1.0	50	48.9	98	81-116	
Bromodichloromethane	ug/L	<1.0	50	48.8	98	78-117	
Bromoform	ug/L	<1.0	50	40.6	81	65-122	
Bromomethane	ug/L	<1.0	50	36.6	73	52-147	
Carbon disulfide	ug/L	<1.0	50	49.2	98	41-144	
Carbon tetrachloride	ug/L	<1.0	50	46.5	93	59-120	
Chlorobenzene	ug/L	<1.0	50	46.1	92	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	50.2	100	43-140	N3
Chloroethane	ug/L	<1.0	50	48.8	98	49-151	
Chloroform	ug/L	<1.0	50	49.4	99	72-122	
Chloromethane	ug/L	1.6	50	47.5	92	46-144	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

MATRIX SPIKE SAMPLE: 852325		70144049002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	29.5	50	79.9	101	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	48.3	97	78-116	
Dibromochloromethane	ug/L	<1.0	50	49.2	98	70-120	
Dibromomethane	ug/L	<1.0	50	49.8	100	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	46.9	94	22-154	
Ethanol	ug/L	<250	1250	1880	150	10-151	CH
Ethylbenzene	ug/L	<1.0	50	45.5	91	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	35.1	70	59-121	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	42.9	86	67-115	
Methylene Chloride	ug/L	<1.0	50	46.6	93	61-142	
n-Butylbenzene	ug/L	<1.0	50	36.9	74	73-107	
n-Propylbenzene	ug/L	<1.0	50	41.8	84	68-116	
p-Isopropyltoluene	ug/L	<1.0	50	38.9	78	73-101	
sec-Butylbenzene	ug/L	<1.0	50	38.6	77	72-103	
Styrene	ug/L	<1.0	50	46.3	93	72-118	
tert-Butylbenzene	ug/L	<1.0	50	40.5	81	68-100	
Tetrachloroethene	ug/L	<1.0	50	44.1	88	60-128	
Toluene	ug/L	<1.0	50	47.8	96	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50.4	101	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50.6	101	79-116	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	48.0	96	71-121	
Trichloroethene	ug/L	<1.0	50	47.0	94	69-117	
Vinyl chloride	ug/L	52.5	50	105	105	43-143	
Xylene (Total)	ug/L	<3.0	150	137	91	71-109	
1,2-Dichloroethane-d4 (S)	%				99	68-153	
4-Bromofluorobenzene (S)	%				100	79-124	
Toluene-d8 (S)	%				98	69-124	

SAMPLE DUPLICATE: 852324

Parameter	Units	70144049001	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

SAMPLE DUPLICATE: 852324

Parameter	Units	70144049001 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		CH
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

SAMPLE DUPLICATE: 852324

Parameter	Units	70144049001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	99	100		
4-Bromofluorobenzene (S)	%	99	99		
Toluene-d8 (S)	%	99	99		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

QC Batch:	175793	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70143991001, 70143991002, 70143991003

METHOD BLANK: 852847 Matrix: Water

Associated Lab Samples: 70143991001, 70143991002, 70143991003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	09/03/20 09:45	

LABORATORY CONTROL SAMPLE: 852848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	526	105	85-115	

MATRIX SPIKE SAMPLE: 852850

Parameter	Units	70143754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	122	300	397	92	75-125	

MATRIX SPIKE SAMPLE: 852852

Parameter	Units	70144118002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	147	300	443	99	75-125	

SAMPLE DUPLICATE: 852849

Parameter	Units	70143754001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	122	111	9	D6

SAMPLE DUPLICATE: 852851

Parameter	Units	70144118002 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	147	147	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIR MONTHLY 8/28

Pace Project No.: 70143991

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70143991001	INFLUENT # 1	EPA 200.7	176293	EPA 200.7	176297
70143991002	INFLUENT # 2	EPA 200.7	176293	EPA 200.7	176297
70143991003	EFFLUENT # 1	EPA 200.7	176293	EPA 200.7	176297
70143991001	INFLUENT # 1	EPA 200.7	175883		
70143991002	INFLUENT # 2	EPA 200.7	175883		
70143991003	EFFLUENT # 1	EPA 200.7	175883		
70143991001	INFLUENT # 1	EPA 8260C/5030C	175505		
70143991002	INFLUENT # 2	EPA 8260C/5030C	175505		
70143991003	EFFLUENT # 1	EPA 8260C/5030C	175505		
70143991001	INFLUENT # 1	SM22 2540C	175793		
70143991002	INFLUENT # 2	SM22 2540C	175793		
70143991003	EFFLUENT # 1	SM22 2540C	175793		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



WO#: 70143991

CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field

70143991

Section A

Section B

Section C

Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Jason Fellows	Company Name:	
Address:	136 Gazza Blvd.	Copy To:		Address:	
Farmingdale, NY 117351420		Purchase Order #:		Pace Quote:	
Email:	jason@wirewater.com	Project Name:	FAIR MONTHLY	Pace Project Manager:	kimberley.mack@pacelabs.com
Phone:	NONE	Project #:		Pace Profile #:	5055
Requested Due Date:					

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	Preservatives		Analyses Test	Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			START	END			Unpreserved	H2SO4			HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	200.7 ICP Metals	Dissolved Metals by 200.7 (I	Total Dissolved Solids (TDS	VOC by 8260																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	INFLUENT#1	WT	8/28 14:00	8/28 14:05	5	5	5	1	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on	Custody	Sealed	Cooler	Intact
		Jason Fellows	8/28		Jason Fellows	8/28	14:58	14.58	14.58	14.58	14.58	14.58	14.58
SAMPLER NAME AND SIGNATURE		Jason Fellows											
PRINT Name of SAMPLER:		Jason Fellows											
SIGNATURE of SAMPLER:													
		DATE Signed: 8/28/20											

Sample Condition Upon Receipt

Pace Analytical

Client Name:

~~AAA~~ FAIRCHILD

WO#: 70143991

PM: JSA

Due Date: 09/09/20

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No

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

Thermometer Used: TH091

Correction Factor: +0.4

Cooler Temperature (°C): 1.6

Cooler Temperature Corrected (°C): 2.0

Temperature Blank Present: ☐ Yes ☒ No

Type of Ice: ☒ Wet ☐ Blue ☐ None

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: K U 8/31/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NO

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

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	10.
Containers Intact:	☒ Yes ☐ No	11.
Filtered volume received for Dissolved tests	☐ Yes ☒ No ☐ N/A	12. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☐ No	13.
-Includes date/time/ID/Analysis Matrix SL WT OIL		14.
All containers needing preservation have been checked	☒ Yes ☐ No ☐ N/A	15.
pH paper Lot # 14604441		16.
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	☒ Yes ☐ No ☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water), Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	
KI starch test strips Lot #		
Residual chlorine strips Lot #		
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	
Trip Blank Present:	☐ Yes ☒ No ☐ N/A	
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):		

Field Data Required?

Y / N

Date/Time:

Client Notification/ Resolution:

Person Contacted:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

F-LI-C-002-rev.02

October 12, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: FAIR MONTHLY 9/30
Pace Project No.: 70147761

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Sample: INFLUENT # 1		Lab ID: 70147761001	Collected: 09/30/20 18:49	Received: 10/01/20 10:28	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium	<5.0	ug/L	5.0	1	10/07/20 12:55	10/09/20 13:16	7440-41-7	
Iron	585	ug/L	100	1	10/07/20 12:55	10/09/20 13:16	7439-89-6	
Manganese	63.5	ug/L	10.0	1	10/07/20 12:55	10/09/20 13:16	7439-96-5	
Zinc	74.1	ug/L	20.0	1	10/07/20 12:55	10/09/20 13:16	7440-66-6	
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium, Dissolved	<5.0	ug/L	5.0	1		10/09/20 16:18	7440-41-7	
Iron, Dissolved	369	ug/L	20.0	1		10/09/20 16:18	7439-89-6	
Manganese, Dissolved	62.4	ug/L	10.0	1		10/09/20 16:18	7439-96-5	
Zinc, Dissolved	116	ug/L	20.0	1		10/09/20 16:18	7440-66-6	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Acetone	<5.0	ug/L	5.0	1		10/07/20 00:22	67-64-1	
Benzene	1.8	ug/L	1.0	1		10/07/20 00:22	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		10/07/20 00:22	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		10/07/20 00:22	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		10/07/20 00:22	75-25-2	v3
Bromomethane	<1.0	ug/L	1.0	1		10/07/20 00:22	74-83-9	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		10/07/20 00:22	78-93-3	IL
n-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		10/07/20 00:22	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		10/07/20 00:22	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	108-90-7	
Chlorodifluoromethane	1.3	ug/L	1.0	1		10/07/20 00:22	75-45-6	CH,N3
Chloroethane	<1.0	ug/L	1.0	1		10/07/20 00:22	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		10/07/20 00:22	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		10/07/20 00:22	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		10/07/20 00:22	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		10/07/20 00:22	106-43-4	
Dibromochloromethane	<1.0	ug/L	1.0	1		10/07/20 00:22	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		10/07/20 00:22	106-93-4	
Dibromomethane	<1.0	ug/L	1.0	1		10/07/20 00:22	74-95-3	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	541-73-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		10/07/20 00:22	110-57-6	L2,v3
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		10/07/20 00:22	75-71-8	
1,1-Dichloroethane	18.8	ug/L	1.0	1		10/07/20 00:22	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:22	107-06-2	
1,1-Dichloroethene	9.5	ug/L	1.0	1		10/07/20 00:22	75-35-4	
cis-1,2-Dichloroethene	288	ug/L	10.0	10		10/07/20 19:39	156-59-2	
trans-1,2-Dichloroethene	2.6	ug/L	1.0	1		10/07/20 00:22	156-60-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Sample: INFLUENT # 1		Lab ID: 70147761001	Collected: 09/30/20 18:49	Received: 10/01/20 10:28	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:22	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:22	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:22	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 00:22	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 00:22	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 00:22	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	105-05-5	N3
Ethanol	<250	ug/L	250	1		10/07/20 00:22	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		10/07/20 00:22	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		10/07/20 00:22	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		10/07/20 00:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		10/07/20 00:22	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		10/07/20 00:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		10/07/20 00:22	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	103-65-1	
Styrene	<1.0	ug/L	1.0	1		10/07/20 00:22	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		10/07/20 00:22	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		10/07/20 00:22	79-34-5	
Tetrachloroethene	760	ug/L	10.0	10		10/07/20 19:39	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		10/07/20 00:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:22	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:22	79-00-5	
Trichloroethene	149	ug/L	1.0	1		10/07/20 00:22	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:22	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:22	108-67-8	
Vinyl chloride	26.0	ug/L	1.0	1		10/07/20 00:22	75-01-4	CH
Xylene (Total)	<3.0	ug/L	3.0	1		10/07/20 00:22	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	68-153	1		10/07/20 00:22	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		10/07/20 00:22	460-00-4	
Toluene-d8 (S)	94	%	69-124	1		10/07/20 00:22	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	174	mg/L	10.0	1		10/05/20 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Sample: INFLUENT # 2		Lab ID: 70147761002		Collected: 09/30/20 18:54		Received: 10/01/20 10:28		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	10/07/20 12:55	10/09/20 13:19	7440-41-7		
Iron	593	ug/L	100	1	10/07/20 12:55	10/09/20 13:19	7439-89-6		
Manganese	64.0	ug/L	10.0	1	10/07/20 12:55	10/09/20 13:19	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	10/07/20 12:55	10/09/20 13:19	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		10/09/20 16:20	7440-41-7		
Iron, Dissolved	155	ug/L	20.0	1		10/09/20 16:20	7439-89-6		
Manganese, Dissolved	59.9	ug/L	10.0	1		10/09/20 16:20	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		10/09/20 16:20	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		10/07/20 00:41	67-64-1		
Benzene	<1.0	ug/L	1.0	1		10/07/20 00:41	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		10/07/20 00:41	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		10/07/20 00:41	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		10/07/20 00:41	75-25-2	v3	
Bromomethane	<1.0	ug/L	1.0	1		10/07/20 00:41	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		10/07/20 00:41	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		10/07/20 00:41	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		10/07/20 00:41	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		10/07/20 00:41	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		10/07/20 00:41	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		10/07/20 00:41	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		10/07/20 00:41	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		10/07/20 00:41	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		10/07/20 00:41	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		10/07/20 00:41	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		10/07/20 00:41	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		10/07/20 00:41	110-57-6	L2,v3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		10/07/20 00:41	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		10/07/20 00:41	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		10/07/20 00:41	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		10/07/20 00:41	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Sample: INFLUENT # 2		Lab ID: 70147761002	Collected: 09/30/20 18:54	Received: 10/01/20 10:28	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:41	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:41	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:41	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 00:41	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 00:41	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 00:41	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	105-05-5	N3
Ethanol	<250	ug/L	250	1		10/07/20 00:41	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		10/07/20 00:41	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		10/07/20 00:41	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		10/07/20 00:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		10/07/20 00:41	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		10/07/20 00:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		10/07/20 00:41	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	103-65-1	
Styrene	<1.0	ug/L	1.0	1		10/07/20 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		10/07/20 00:41	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		10/07/20 00:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		10/07/20 00:41	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		10/07/20 00:41	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		10/07/20 00:41	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		10/07/20 00:41	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		10/07/20 00:41	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		10/07/20 00:41	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	68-153	1		10/07/20 00:41	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		10/07/20 00:41	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		10/07/20 00:41	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	174	mg/L	10.0	1		10/05/20 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Sample: EFFLUENT #1		Lab ID: 70147761003		Collected: 09/30/20 18:59		Received: 10/01/20 10:28		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	10/07/20 12:55	10/09/20 13:21	7440-41-7		
Iron	640	ug/L	100	1	10/07/20 12:55	10/09/20 13:21	7439-89-6		
Manganese	61.6	ug/L	10.0	1	10/07/20 12:55	10/09/20 13:21	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	10/07/20 12:55	10/09/20 13:21	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		10/09/20 16:22	7440-41-7		
Iron, Dissolved	48.0	ug/L	20.0	1		10/09/20 16:22	7439-89-6		
Manganese, Dissolved	61.0	ug/L	10.0	1		10/09/20 16:22	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		10/09/20 16:22	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		10/07/20 01:00	67-64-1		
Benzene	<1.0	ug/L	1.0	1		10/07/20 01:00	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		10/07/20 01:00	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		10/07/20 01:00	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		10/07/20 01:00	75-25-2	v3	
Bromomethane	<1.0	ug/L	1.0	1		10/07/20 01:00	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		10/07/20 01:00	78-93-3	IL	
n-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		10/07/20 01:00	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		10/07/20 01:00	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		10/07/20 01:00	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		10/07/20 01:00	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		10/07/20 01:00	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		10/07/20 01:00	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		10/07/20 01:00	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		10/07/20 01:00	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		10/07/20 01:00	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		10/07/20 01:00	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		10/07/20 01:00	110-57-6	L2,v3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		10/07/20 01:00	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		10/07/20 01:00	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		10/07/20 01:00	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		10/07/20 01:00	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Sample: EFFLUENT #1		Lab ID: 70147761003	Collected: 09/30/20 18:59	Received: 10/01/20 10:28	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 01:00	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 01:00	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		10/07/20 01:00	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 01:00	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 01:00	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		10/07/20 01:00	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	105-05-5	N3
Ethanol	<250	ug/L	250	1		10/07/20 01:00	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		10/07/20 01:00	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		10/07/20 01:00	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		10/07/20 01:00	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		10/07/20 01:00	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		10/07/20 01:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		10/07/20 01:00	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	103-65-1	
Styrene	<1.0	ug/L	1.0	1		10/07/20 01:00	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		10/07/20 01:00	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		10/07/20 01:00	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		10/07/20 01:00	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		10/07/20 01:00	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		10/07/20 01:00	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		10/07/20 01:00	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		10/07/20 01:00	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		10/07/20 01:00	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		10/07/20 01:00	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		10/07/20 01:00	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		10/07/20 01:00	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	189	mg/L	10.0	1		10/05/20 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

QC Batch:	180450	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70147761001, 70147761002, 70147761003

METHOD BLANK: 879615 Matrix: Water

Associated Lab Samples: 70147761001, 70147761002, 70147761003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	10/09/20 15:20	
Iron, Dissolved	ug/L	<20.0	20.0	10/09/20 15:20	
Manganese, Dissolved	ug/L	<10.0	10.0	10/09/20 15:20	
Zinc, Dissolved	ug/L	<20.0	20.0	10/09/20 15:20	

LABORATORY CONTROL SAMPLE: 879616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	50.4	101	85-115	
Iron, Dissolved	ug/L	2000	2010	101	85-115	
Manganese, Dissolved	ug/L	250	250	100	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

MATRIX SPIKE SAMPLE: 879619

Parameter	Units	70147326011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	46.6	93	70-130	
Iron, Dissolved	ug/L	<20.0	2000	1900	95	70-130	
Manganese, Dissolved	ug/L	<10.0	250	230	92	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	873	87	70-130	

MATRIX SPIKE SAMPLE: 879621

Parameter	Units	70147326013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	46.7	93	70-130	
Iron, Dissolved	ug/L	<20.0	2000	1900	95	70-130	
Manganese, Dissolved	ug/L	<10.0	250	233	93	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	878	88	70-130	

SAMPLE DUPLICATE: 879618

Parameter	Units	70147326011 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

SAMPLE DUPLICATE: 879618

Parameter	Units	70147326011 Result	Dup Result	RPD	Qualifiers
Manganese, Dissolved	ug/L	<10.0	<10.0		
Zinc, Dissolved	ug/L	<20.0	<20.0		

SAMPLE DUPLICATE: 879620

Parameter	Units	70147326013 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	<20.0	<20.0		
Manganese, Dissolved	ug/L	<10.0	<10.0		
Zinc, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

QC Batch:	180407	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70147761001, 70147761002, 70147761003

METHOD BLANK: 879366 Matrix: Water

Associated Lab Samples: 70147761001, 70147761002, 70147761003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	10/09/20 12:57	
Iron	ug/L	<100	100	10/09/20 12:57	
Manganese	ug/L	<10.0	10.0	10/09/20 12:57	
Zinc	ug/L	<20.0	20.0	10/09/20 12:57	

LABORATORY CONTROL SAMPLE: 879367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	49.2	98	85-115	
Iron	ug/L	2000	1940	97	85-115	
Manganese	ug/L	250	242	97	85-115	
Zinc	ug/L	1000	935	94	85-115	

MATRIX SPIKE SAMPLE: 879369

Parameter	Units	70148073001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	47.4	93	70-130	
Iron	ug/L	88300	2000	83500	-243	70-130	M1
Manganese	ug/L	1060	250	1220	64	70-130	M1
Zinc	ug/L	284	1000	1140	86	70-130	

MATRIX SPIKE SAMPLE: 879371

Parameter	Units	70148075002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.5	99	70-130	
Iron	ug/L	975	2000	2920	97	70-130	
Manganese	ug/L	183	250	425	97	70-130	
Zinc	ug/L	296	1000	1180	88	70-130	

SAMPLE DUPLICATE: 879368

Parameter	Units	70148073001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	88300	85900	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

SAMPLE DUPLICATE: 879368

Parameter	Units	70148073001 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	1060	1030	3	
Zinc	ug/L	284	276	3	

SAMPLE DUPLICATE: 879370

Parameter	Units	70148075002 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	975	1020	5	
Manganese	ug/L	183	192	5	
Zinc	ug/L	296	302	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

QC Batch:	180248	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70147761001, 70147761002, 70147761003

METHOD BLANK: 878490 Matrix: Water

Associated Lab Samples: 70147761001, 70147761002, 70147761003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
1,1-Dichloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
1,1-Dichloroethene	ug/L	<1.0	1.0	10/06/20 16:29	
1,1-Dichloropropene	ug/L	<1.0	1.0	10/06/20 16:29	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	10/06/20 16:29	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	10/06/20 16:29	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	10/06/20 16:29	
1,2-Dichloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
1,2-Dichloropropane	ug/L	<1.0	1.0	10/06/20 16:29	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	10/06/20 16:29	
1,3-Dichloropropane	ug/L	<1.0	1.0	10/06/20 16:29	
1,4-Diethylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	10/06/20 16:29	
2-Butanone (MEK)	ug/L	<5.0	5.0	10/06/20 16:29	IL
2-Chlorotoluene	ug/L	<1.0	1.0	10/06/20 16:29	
2-Hexanone	ug/L	<5.0	5.0	10/06/20 16:29	
4-Chlorotoluene	ug/L	<1.0	1.0	10/06/20 16:29	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	10/06/20 16:29	
Acetone	ug/L	<5.0	5.0	10/06/20 16:29	
Benzene	ug/L	<1.0	1.0	10/06/20 16:29	
Bromobenzene	ug/L	<1.0	1.0	10/06/20 16:29	
Bromochloromethane	ug/L	<1.0	1.0	10/06/20 16:29	
Bromodichloromethane	ug/L	<1.0	1.0	10/06/20 16:29	
Bromoform	ug/L	<1.0	1.0	10/06/20 16:29	v3
Bromomethane	ug/L	<1.0	1.0	10/06/20 16:29	
Carbon disulfide	ug/L	<1.0	1.0	10/06/20 16:29	
Carbon tetrachloride	ug/L	<1.0	1.0	10/06/20 16:29	
Chlorobenzene	ug/L	<1.0	1.0	10/06/20 16:29	
Chlorodifluoromethane	ug/L	<1.0	1.0	10/06/20 16:29	N3
Chloroethane	ug/L	<1.0	1.0	10/06/20 16:29	
Chloroform	ug/L	<1.0	1.0	10/06/20 16:29	
Chloromethane	ug/L	<1.0	1.0	10/06/20 16:29	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	10/06/20 16:29	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	10/06/20 16:29	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

METHOD BLANK: 878490

Matrix: Water

Associated Lab Samples: 70147761001, 70147761002, 70147761003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	10/06/20 16:29	
Dibromomethane	ug/L	<1.0	1.0	10/06/20 16:29	
Dichlorodifluoromethane	ug/L	<1.0	1.0	10/06/20 16:29	
Ethanol	ug/L	<250	250	10/06/20 16:29	
Ethylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	10/06/20 16:29	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	10/06/20 16:29	
Methylene Chloride	ug/L	<1.0	1.0	10/06/20 16:29	
n-Butylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
n-Propylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
p-Isopropyltoluene	ug/L	<1.0	1.0	10/06/20 16:29	
sec-Butylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
Styrene	ug/L	<1.0	1.0	10/06/20 16:29	
tert-Butylbenzene	ug/L	<1.0	1.0	10/06/20 16:29	
Tetrachloroethene	ug/L	<1.0	1.0	10/06/20 16:29	
Toluene	ug/L	<1.0	1.0	10/06/20 16:29	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	10/06/20 16:29	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	10/06/20 16:29	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	10/06/20 16:29	v3
Trichloroethene	ug/L	<1.0	1.0	10/06/20 16:29	
Vinyl chloride	ug/L	<1.0	1.0	10/06/20 16:29	
Xylene (Total)	ug/L	<3.0	3.0	10/06/20 16:29	
1,2-Dichloroethane-d4 (S)	%	104	68-153	10/06/20 16:29	
4-Bromofluorobenzene (S)	%	101	79-124	10/06/20 16:29	
Toluene-d8 (S)	%	96	69-124	10/06/20 16:29	

LABORATORY CONTROL SAMPLE: 878491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.8	92	74-113	
1,1,1-Trichloroethane	ug/L	50	44.2	88	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	43.7	87	74-121	
1,1,2-Trichloroethane	ug/L	50	45.3	91	80-117	
1,1-Dichloroethane	ug/L	50	44.2	88	83-151	
1,1-Dichloroethene	ug/L	50	40.6	81	45-146	
1,1-Dichloropropene	ug/L	50	43.7	87	59-127	
1,2,3-Trichlorobenzene	ug/L	50	39.6	79	67-103	
1,2,3-Trichloropropane	ug/L	50	40.8	82	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	43.6	87	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	43.2	86	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	83-115	
1,2-Dichloroethane	ug/L	50	44.9	90	74-129	
1,2-Dichloropropane	ug/L	50	44.6	89	75-117	
1,3,5-Trimethylbenzene	ug/L	50	42.4	85	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

LABORATORY CONTROL SAMPLE: 878491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	41.2	82	71-112	
1,3-Dichloropropane	ug/L	50	41.6	83	74-112	
1,4-Diethylbenzene	ug/L	50	42.8	86	56-130	N3
2,2-Dichloropropane	ug/L	50	45.9	92	63-133	
2-Butanone (MEK)	ug/L	50	48.0	96	44-162	IL
2-Chlorotoluene	ug/L	50	42.5	85	74-101	
2-Hexanone	ug/L	50	47.3	95	32-183	
4-Chlorotoluene	ug/L	50	43.3	87	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	47.3	95	69-132	
Acetone	ug/L	50	45.0	90	23-188	
Benzene	ug/L	50	41.3	83	73-119	
Bromobenzene	ug/L	50	40.9	82	72-102	
Bromochloromethane	ug/L	50	40.6	81	81-116	
Bromodichloromethane	ug/L	50	47.8	96	78-117	
Bromoform	ug/L	50	33.6	67	65-122	v3
Bromomethane	ug/L	50	27.5	55	52-147	
Carbon disulfide	ug/L	50	35.7	71	41-144	
Carbon tetrachloride	ug/L	50	45.0	90	59-120	
Chlorobenzene	ug/L	50	40.3	81	75-113	
Chlorodifluoromethane	ug/L	50	34.2	68	43-140	CH,N3
Chloroethane	ug/L	50	26.4	53	49-151	
Chloroform	ug/L	50	44.2	88	72-122	
Chloromethane	ug/L	50	31.5	63	46-144	CH
cis-1,2-Dichloroethene	ug/L	50	41.8	84	72-121	
cis-1,3-Dichloropropene	ug/L	50	48.6	97	78-116	
Dibromochloromethane	ug/L	50	36.3	73	70-120	
Dibromomethane	ug/L	50	44.8	90	75-125	
Dichlorodifluoromethane	ug/L	50	23.1	46	22-154	CH
Ethanol	ug/L	1250	903	72	10-151	
Ethylbenzene	ug/L	50	40.2	80	70-113	
Hexachloro-1,3-butadiene	ug/L	50	39.4	79	59-121	
Isopropylbenzene (Cumene)	ug/L	50	41.8	84	67-115	
Methylene Chloride	ug/L	50	31.2	62	61-142	
n-Butylbenzene	ug/L	50	43.1	86	73-107	
n-Propylbenzene	ug/L	50	43.5	87	68-116	
p-Isopropyltoluene	ug/L	50	42.0	84	73-101	
sec-Butylbenzene	ug/L	50	42.4	85	72-103	
Styrene	ug/L	50	44.3	89	72-118	
tert-Butylbenzene	ug/L	50	40.4	81	68-100	
Tetrachloroethene	ug/L	50	36.8	74	60-128	
Toluene	ug/L	50	42.9	86	72-119	
trans-1,2-Dichloroethene	ug/L	50	40.8	82	56-142	
trans-1,3-Dichloropropene	ug/L	50	49.0	98	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	23.4	47	71-121	L2,v3
Trichloroethene	ug/L	50	43.8	88	69-117	
Vinyl chloride	ug/L	50	32.0	64	43-143	CH
Xylene (Total)	ug/L	150	124	83	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

LABORATORY CONTROL SAMPLE: 878491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			102	68-153	
4-Bromofluorobenzene (S)	%			103	79-124	
Toluene-d8 (S)	%			96	69-124	

MATRIX SPIKE SAMPLE: 879430

Parameter	Units	70147699001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	43.5	87	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	47.5	95	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	49.1	98	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	51.5	103	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	55.5	111	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	51.6	103	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	53.4	107	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	47.9	96	67-103	
1,2,3-Trichloropropane	ug/L	<1.0	50	47.9	96	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	59.3	119	66-103	M1,N3
1,2,4-Trimethylbenzene	ug/L	3.8	50	58.8	110	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50.9	102	83-115	
1,2-Dichloroethane	ug/L	<1.0	50	54.0	108	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	51.0	102	75-117	
1,3,5-Trimethylbenzene	ug/L	1.0	50	55.1	108	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	49.4	99	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	47.8	96	74-112	
1,4-Diethylbenzene	ug/L	<1.0	50	58.4	117	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	46.9	94	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	57.2	111	44-162	IL
2-Chlorotoluene	ug/L	<1.0	50	52.8	106	74-101	M1
2-Hexanone	ug/L	<5.0	50	54.8	110	32-183	
4-Chlorotoluene	ug/L	<1.0	50	52.1	104	74-101	M1
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	55.7	111	69-132	
Acetone	ug/L	17.9	50	56.6	77	23-188	
Benzene	ug/L	<1.0	50	49.1	98	73-119	
Bromobenzene	ug/L	<1.0	50	47.0	94	72-102	
Bromochloromethane	ug/L	<1.0	50	49.6	99	81-116	
Bromodichloromethane	ug/L	<1.0	50	48.2	96	78-117	
Bromoform	ug/L	<1.0	50	29.0	58	65-122	M1,v3
Bromomethane	ug/L	<1.0	50	37.9	76	52-147	
Carbon disulfide	ug/L	<1.0	50	49.7	99	41-144	
Carbon tetrachloride	ug/L	<1.0	50	42.9	86	59-120	
Chlorobenzene	ug/L	<1.0	50	46.7	93	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	45.3	91	43-140	CH,N3
Chloroethane	ug/L	<1.0	50	36.3	73	49-151	
Chloroform	ug/L	<1.0	50	53.6	107	72-122	
Chloromethane	ug/L	<1.0	50	40.6	81	46-144	CH

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

MATRIX SPIKE SAMPLE: 879430		70147699001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	50	51.4	103	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	48.0	96	78-116	
Dibromochloromethane	ug/L	<1.0	50	33.4	67	70-120	M1
Dibromomethane	ug/L	<1.0	50	48.8	98	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	28.3	57	22-154	CH
Ethanol	ug/L	<250	1250	1040	83	10-151	
Ethylbenzene	ug/L	<1.0	50	48.8	98	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	51.5	103	59-121	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	52.5	105	67-115	
Methylene Chloride	ug/L	<1.0	50	41.7	83	61-142	
n-Butylbenzene	ug/L	<1.0	50	58.9	118	73-107	M1
n-Propylbenzene	ug/L	<1.0	50	56.4	113	68-116	
p-Isopropyltoluene	ug/L	<1.0	50	56.8	114	73-101	M1
sec-Butylbenzene	ug/L	<1.0	50	57.6	115	72-103	M1
Styrene	ug/L	<1.0	50	50.5	101	72-118	
tert-Butylbenzene	ug/L	<1.0	50	54.0	108	68-100	M1
Tetrachloroethene	ug/L	<1.0	50	44.3	89	60-128	
Toluene	ug/L	1.7	50	52.6	102	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	52.1	104	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	46.9	94	79-116	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	30.3	61	71-121	M0,v3
Trichloroethene	ug/L	<1.0	50	51.2	102	69-117	
Vinyl chloride	ug/L	<1.0	50	42.6	85	43-143	CH
Xylene (Total)	ug/L	<3.0	150	149	99	71-109	
1,2-Dichloroethane-d4 (S)	%				103	68-153	
4-Bromofluorobenzene (S)	%				103	79-124	
Toluene-d8 (S)	%				96	69-124	

SAMPLE DUPLICATE: 879429

Parameter	Units	70147761003	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

SAMPLE DUPLICATE: 879429

Parameter	Units	70147761003 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		v3
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		v3
Trichloroethene	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

SAMPLE DUPLICATE: 879429

Parameter	Units	70147761003 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	109	108		
4-Bromofluorobenzene (S)	%	99	101		
Toluene-d8 (S)	%	95	96		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

QC Batch:	179959	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70147761001, 70147761002, 70147761003		

METHOD BLANK: 876385 Matrix: Water

Associated Lab Samples: 70147761001, 70147761002, 70147761003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10/05/20 09:34	

LABORATORY CONTROL SAMPLE: 876386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	574	115	85-115	

MATRIX SPIKE SAMPLE: 876388

Parameter	Units	30384668001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	293	300	605	104	75-125	

MATRIX SPIKE SAMPLE: 876390

Parameter	Units	30384676001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	356	300	640	95	75-125	

SAMPLE DUPLICATE: 876387

Parameter	Units	30384668001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	293	282	4	

SAMPLE DUPLICATE: 876389

Parameter	Units	30384676001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	356	347	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
√3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIR MONTHLY 9/30

Pace Project No.: 70147761

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70147761001	INFLUENT # 1	EPA 200.7	180407	EPA 200.7	180415
70147761002	INFLUENT # 2	EPA 200.7	180407	EPA 200.7	180415
70147761003	EFFLUENT #1	EPA 200.7	180407	EPA 200.7	180415
70147761001	INFLUENT # 1	EPA 200.7	180450		
70147761002	INFLUENT # 2	EPA 200.7	180450		
70147761003	EFFLUENT #1	EPA 200.7	180450		
70147761001	INFLUENT # 1	EPA 8260C/5030C	180248		
70147761002	INFLUENT # 2	EPA 8260C/5030C	180248		
70147761003	EFFLUENT #1	EPA 8260C/5030C	180248		
70147761001	INFLUENT # 1	SM22 2540C	179959		
70147761002	INFLUENT # 2	SM22 2540C	179959		
70147761003	EFFLUENT #1	SM22 2540C	179959		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Sample Condition Upon Receipt

WO#: 70147761

Client Name:

PM: KMM

Due Date: 10/12/20

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No

Temperature Blank Present: ☐ Yes ☒ No

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

Type of Ice: Wet Blue None

Thermometer Used: TH091

Correction Factor: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 6.1

Cooler Temperature Corrected (°C): 0.9

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: HR 9/30/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NO

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

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	
Containers Intact:	☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix <u>SL WT OIL</u>		
All containers needing preservation have been checked	☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # <u>1K 904495</u>		Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☒ Yes ☐ No ☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		Initial when completed: Lot # of added preservative: Date/Time preservative added
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
KI starch test strips Lot #		
Residual chlorine strips Lot #		Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	15.
Trip Blank Present:	☐ Yes ☒ No ☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☒ No ☐ N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

November 13, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: FAIR MONTHLY 10/30
Pace Project No.: 70151610

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on October 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Sample: INFLUENT #1		Lab ID: 70151610001		Collected: 10/30/20 14:50		Received: 10/30/20 17:54		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	11/11/20 13:16	11/12/20 14:05	7440-41-7		
Iron	725	ug/L	100	1	11/11/20 13:16	11/12/20 14:05	7439-89-6		
Manganese	69.0	ug/L	10.0	1	11/11/20 13:16	11/12/20 14:05	7439-96-5		
Zinc	53.8	ug/L	20.0	1	11/11/20 13:16	11/12/20 14:05	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		11/11/20 18:06	7440-41-7		
Iron, Dissolved	<20.0	ug/L	20.0	1		11/11/20 18:06	7439-89-6		
Manganese, Dissolved	66.2	ug/L	10.0	1		11/11/20 18:06	7439-96-5		
Zinc, Dissolved	29.8	ug/L	20.0	1		11/11/20 18:06	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	1.8	ug/L	1.0	1		11/09/20 20:55	75-71-8		v3
Chloromethane	<1.0	ug/L	1.0	1		11/09/20 20:55	74-87-3		
Vinyl chloride	26.2	ug/L	1.0	1		11/09/20 20:55	75-01-4		
Chloroethane	<1.0	ug/L	1.0	1		11/09/20 20:55	75-00-3		v3
Bromomethane	<1.0	ug/L	1.0	1		11/09/20 20:55	74-83-9		v3
Methylene Chloride	<1.0	ug/L	1.0	1		11/09/20 20:55	75-09-2		
1,1-Dichloroethene	8.9	ug/L	1.0	1		11/09/20 20:55	75-35-4		
trans-1,2-Dichloroethene	2.5	ug/L	1.0	1		11/09/20 20:55	156-60-5		
1,1-Dichloroethane	18.3	ug/L	1.0	1		11/09/20 20:55	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 20:55	594-20-7		
cis-1,2-Dichloroethene	244	ug/L	10.0	10		11/10/20 00:39	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		11/09/20 20:55	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		11/09/20 20:55	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/09/20 20:55	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/09/20 20:55	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 20:55	563-58-6		
Benzene	1.7	ug/L	1.0	1		11/09/20 20:55	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/09/20 20:55	107-06-2		
Trichloroethene	151	ug/L	1.0	1		11/09/20 20:55	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 20:55	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		11/09/20 20:55	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		11/09/20 20:55	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 20:55	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		11/09/20 20:55	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 20:55	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/09/20 20:55	79-00-5		
Tetrachloroethene	828	ug/L	10.0	10		11/10/20 00:39	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 20:55	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		11/09/20 20:55	124-48-1		v3
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/09/20 20:55	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	108-90-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Sample: INFLUENT #1		Lab ID: 70151610001		Collected: 10/30/20 14:50		Received: 10/30/20 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/09/20 20:55	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		11/09/20 20:55	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		11/09/20 20:55	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		11/09/20 20:55	75-25-2	v3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/09/20 20:55	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/09/20 20:55	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/09/20 20:55	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/09/20 20:55	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/09/20 20:55	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/09/20 20:55	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/09/20 20:55	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/09/20 20:55	78-93-3		
2-Hexanone	<5.0	ug/L	5.0	1		11/09/20 20:55	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		11/09/20 20:55	75-15-0		
Acetone	<5.0	ug/L	5.0	1		11/09/20 20:55	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/09/20 20:55	108-10-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		11/09/20 20:55	110-57-6		
Ethanol	<250	ug/L	250	1		11/09/20 20:55	64-17-5	v3	
Chlorodifluoromethane	1.4	ug/L	1.0	1		11/09/20 20:55	75-45-6	N3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		11/09/20 20:55	95-93-2	N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	68-153	1		11/09/20 20:55	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		11/09/20 20:55	460-00-4		
Toluene-d8 (S)	90	%	69-124	1		11/09/20 20:55	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	166	mg/L	10.0	1		11/03/20 11:28			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Sample: INFLUENT #2		Lab ID: 70151610002		Collected: 10/30/20 14:55		Received: 10/30/20 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	11/11/20 13:16	11/12/20 14:21	7440-41-7		
Iron	711	ug/L	100	1	11/11/20 13:16	11/12/20 14:21	7439-89-6		
Manganese	65.5	ug/L	10.0	1	11/11/20 13:16	11/12/20 14:21	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	11/11/20 13:16	11/12/20 14:21	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		11/11/20 18:13	7440-41-7		
Iron, Dissolved	157	ug/L	20.0	1		11/11/20 18:13	7439-89-6		
Manganese, Dissolved	64.9	ug/L	10.0	1		11/11/20 18:13	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		11/11/20 18:13	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/09/20 21:15	75-71-8	v3	
Chloromethane	<1.0	ug/L	1.0	1		11/09/20 21:15	74-87-3		
Vinyl chloride	<1.0	ug/L	1.0	1		11/09/20 21:15	75-01-4		
Chloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	75-00-3	v3	
Bromomethane	<1.0	ug/L	1.0	1		11/09/20 21:15	74-83-9	v3	
Methylene Chloride	<1.0	ug/L	1.0	1		11/09/20 21:15	75-09-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:15	75-35-4		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:15	156-60-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	75-34-3		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:15	594-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:15	156-59-2		
Chloroform	<1.0	ug/L	1.0	1		11/09/20 21:15	67-66-3		
Bromochloromethane	<1.0	ug/L	1.0	1		11/09/20 21:15	74-97-5		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	71-55-6		
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/09/20 21:15	56-23-5		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 21:15	563-58-6		
Benzene	<1.0	ug/L	1.0	1		11/09/20 21:15	71-43-2		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	107-06-2		
Trichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:15	79-01-6		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:15	78-87-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		11/09/20 21:15	75-27-4		
Dibromomethane	<1.0	ug/L	1.0	1		11/09/20 21:15	74-95-3		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 21:15	10061-02-6		
Toluene	<1.0	ug/L	1.0	1		11/09/20 21:15	108-88-3		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 21:15	10061-01-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	79-00-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		11/09/20 21:15	127-18-4		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:15	142-28-9		
Dibromochloromethane	<1.0	ug/L	1.0	1		11/09/20 21:15	124-48-1	v3	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/09/20 21:15	106-93-4		
Chlorobenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	108-90-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Sample: INFLUENT #2		Lab ID: 70151610002		Collected: 10/30/20 14:55		Received: 10/30/20 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	630-20-6		
Ethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	100-41-4		
Xylene (Total)	<3.0	ug/L	3.0	1		11/09/20 21:15	1330-20-7		
Styrene	<1.0	ug/L	1.0	1		11/09/20 21:15	100-42-5		
Bromoform	<1.0	ug/L	1.0	1		11/09/20 21:15	75-25-2	v3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/09/20 21:15	98-82-8		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/09/20 21:15	79-34-5		
Bromobenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	108-86-1		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:15	96-18-4		
n-Propylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	103-65-1		
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/09/20 21:15	95-49-8		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	108-67-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/09/20 21:15	106-43-4		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	95-63-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	98-06-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/09/20 21:15	99-87-6		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	541-73-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	104-51-8		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/09/20 21:15	87-68-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	87-61-6		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/09/20 21:15	78-93-3		
2-Hexanone	<5.0	ug/L	5.0	1		11/09/20 21:15	591-78-6		
Carbon disulfide	<1.0	ug/L	1.0	1		11/09/20 21:15	75-15-0		
Acetone	<5.0	ug/L	5.0	1		11/09/20 21:15	67-64-1		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/09/20 21:15	108-10-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		11/09/20 21:15	110-57-6		
Ethanol	<250	ug/L	250	1		11/09/20 21:15	64-17-5	v3	
Chlorodifluoromethane	<1.0	ug/L	1.0	1		11/09/20 21:15	75-45-6	N3	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	105-05-5	N3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:15	95-93-2	N3	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	68-153	1		11/09/20 21:15	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		11/09/20 21:15	460-00-4		
Toluene-d8 (S)	89	%	69-124	1		11/09/20 21:15	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	164	mg/L	10.0	1		11/04/20 09:32			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Sample: EFFLUENT# 1		Lab ID: 70151610003	Collected: 10/30/20 15:00	Received: 10/30/20 17:54	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium	<5.0	ug/L	5.0	1	11/11/20 13:16	11/12/20 14:31	7440-41-7	
Iron	1210	ug/L	100	1	11/11/20 13:16	11/12/20 14:31	7439-89-6	
Manganese	71.0	ug/L	10.0	1	11/11/20 13:16	11/12/20 14:31	7439-96-5	
Zinc	<20.0	ug/L	20.0	1	11/11/20 13:16	11/12/20 14:31	7440-66-6	
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville						
Beryllium, Dissolved	<5.0	ug/L	5.0	1		11/11/20 18:15	7440-41-7	
Iron, Dissolved	60.1	ug/L	20.0	1		11/11/20 18:15	7439-89-6	
Manganese, Dissolved	67.6	ug/L	10.0	1		11/11/20 18:15	7439-96-5	
Zinc, Dissolved	<20.0	ug/L	20.0	1		11/11/20 18:15	7440-66-6	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/09/20 21:44	75-71-8	v3
Chloromethane	<1.0	ug/L	1.0	1		11/09/20 21:44	74-87-3	
Vinyl chloride	<1.0	ug/L	1.0	1		11/09/20 21:44	75-01-4	
Chloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	75-00-3	v3
Bromomethane	<1.0	ug/L	1.0	1		11/09/20 21:44	74-83-9	v3
Methylene Chloride	<1.0	ug/L	1.0	1		11/09/20 21:44	75-09-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:44	75-35-4	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:44	156-60-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	75-34-3	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:44	594-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:44	156-59-2	
Chloroform	<1.0	ug/L	1.0	1		11/09/20 21:44	67-66-3	
Bromochloromethane	<1.0	ug/L	1.0	1		11/09/20 21:44	74-97-5	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	71-55-6	
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/09/20 21:44	56-23-5	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 21:44	563-58-6	
Benzene	<1.0	ug/L	1.0	1		11/09/20 21:44	71-43-2	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	107-06-2	
Trichloroethene	<1.0	ug/L	1.0	1		11/09/20 21:44	79-01-6	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:44	78-87-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		11/09/20 21:44	75-27-4	
Dibromomethane	<1.0	ug/L	1.0	1		11/09/20 21:44	74-95-3	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 21:44	10061-02-6	
Toluene	<1.0	ug/L	1.0	1		11/09/20 21:44	108-88-3	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/09/20 21:44	10061-01-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	79-00-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		11/09/20 21:44	127-18-4	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:44	142-28-9	
Dibromochloromethane	<1.0	ug/L	1.0	1		11/09/20 21:44	124-48-1	v3
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/09/20 21:44	106-93-4	
Chlorobenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	108-90-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Sample: EFFLUENT# 1		Lab ID: 70151610003	Collected: 10/30/20 15:00	Received: 10/30/20 17:54	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	630-20-6	
Ethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	100-41-4	
Xylene (Total)	<3.0	ug/L	3.0	1		11/09/20 21:44	1330-20-7	
Styrene	<1.0	ug/L	1.0	1		11/09/20 21:44	100-42-5	
Bromoform	<1.0	ug/L	1.0	1		11/09/20 21:44	75-25-2	v3
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/09/20 21:44	98-82-8	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/09/20 21:44	79-34-5	
Bromobenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	108-86-1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/09/20 21:44	96-18-4	
n-Propylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	103-65-1	
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/09/20 21:44	95-49-8	M1
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	108-67-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/09/20 21:44	106-43-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	95-63-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	98-06-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/09/20 21:44	99-87-6	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	541-73-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	104-51-8	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/09/20 21:44	87-68-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	87-61-6	M1
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/09/20 21:44	78-93-3	
2-Hexanone	<5.0	ug/L	5.0	1		11/09/20 21:44	591-78-6	
Carbon disulfide	<1.0	ug/L	1.0	1		11/09/20 21:44	75-15-0	
Acetone	<5.0	ug/L	5.0	1		11/09/20 21:44	67-64-1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/09/20 21:44	108-10-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		11/09/20 21:44	110-57-6	
Ethanol	<250	ug/L	250	1		11/09/20 21:44	64-17-5	v3
Chlorodifluoromethane	<1.0	ug/L	1.0	1		11/09/20 21:44	75-45-6	N3
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	105-05-5	N3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		11/09/20 21:44	95-93-2	N3
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	68-153	1		11/09/20 21:44	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		11/09/20 21:44	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		11/09/20 21:44	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	168	mg/L	10.0	1		11/04/20 09:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

QC Batch:	185192	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70151610001, 70151610002, 70151610003

METHOD BLANK: 906806 Matrix: Water

Associated Lab Samples: 70151610001, 70151610002, 70151610003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	11/11/20 17:44	
Iron, Dissolved	ug/L	<20.0	20.0	11/11/20 17:44	
Manganese, Dissolved	ug/L	<10.0	10.0	11/11/20 17:44	
Zinc, Dissolved	ug/L	<20.0	20.0	11/11/20 17:44	

LABORATORY CONTROL SAMPLE: 906807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	50.2	100	85-115	
Iron, Dissolved	ug/L	2000	2180	109	85-115	
Manganese, Dissolved	ug/L	250	250	100	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

MATRIX SPIKE SAMPLE: 906810

Parameter	Units	70151125031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	53.5	107	70-130	
Iron, Dissolved	ug/L	4920	2000	7340	121	70-130	
Manganese, Dissolved	ug/L	171	250	429	103	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	1090	109	70-130	

MATRIX SPIKE SAMPLE: 906812

Parameter	Units	70151125033 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	51.4	103	70-130	
Iron, Dissolved	ug/L	2290	2000	4390	105	70-130	
Manganese, Dissolved	ug/L	2950	250	3100	60	70-130	M1
Zinc, Dissolved	ug/L	<20.0	1000	1060	106	70-130	

SAMPLE DUPLICATE: 906809

Parameter	Units	70151125031 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	4920	5000	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

SAMPLE DUPLICATE: 906809

Parameter	Units	70151125031 Result	Dup Result	RPD	Qualifiers
Manganese, Dissolved	ug/L	171	170	1	
Zinc, Dissolved	ug/L	<20.0	<20.0		

SAMPLE DUPLICATE: 906811

Parameter	Units	70151125033 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	2290	2360	3	
Manganese, Dissolved	ug/L	2950	2940	0	
Zinc, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

QC Batch:	185377	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70151610001, 70151610002, 70151610003

METHOD BLANK: 907838 Matrix: Water

Associated Lab Samples: 70151610001, 70151610002, 70151610003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	11/12/20 13:46	
Iron	ug/L	<100	100	11/12/20 13:46	
Manganese	ug/L	<10.0	10.0	11/12/20 13:46	
Zinc	ug/L	<20.0	20.0	11/12/20 13:46	

LABORATORY CONTROL SAMPLE: 907839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	49.7	99	85-115	
Iron	ug/L	2000	2000	100	85-115	
Manganese	ug/L	250	247	99	85-115	
Zinc	ug/L	1000	1000	100	85-115	

MATRIX SPIKE SAMPLE: 907841

Parameter	Units	70151610001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.4	99	70-130	
Iron	ug/L	725	2000	2720	100	70-130	
Manganese	ug/L	69.0	250	313	98	70-130	
Zinc	ug/L	53.8	1000	1060	101	70-130	

MATRIX SPIKE SAMPLE: 907843

Parameter	Units	70151610002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.3	99	70-130	
Iron	ug/L	711	2000	2740	101	70-130	
Manganese	ug/L	65.5	250	312	99	70-130	
Zinc	ug/L	<20.0	1000	1010	100	70-130	

SAMPLE DUPLICATE: 907840

Parameter	Units	70151610001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	725	723	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

SAMPLE DUPLICATE: 907840

Parameter	Units	70151610001 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	69.0	70.5	2	
Zinc	ug/L	53.8	54.9	2	

SAMPLE DUPLICATE: 907842

Parameter	Units	70151610002 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	711	719	1	
Manganese	ug/L	65.5	66.0	1	
Zinc	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

QC Batch: 185010

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70151610001, 70151610002, 70151610003

METHOD BLANK: 905944

Matrix: Water

Associated Lab Samples: 70151610001, 70151610002, 70151610003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	11/09/20 16:25	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	11/09/20 16:25	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	11/09/20 16:25	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	11/09/20 16:25	
1,1-Dichloroethane	ug/L	<1.0	1.0	11/09/20 16:25	
1,1-Dichloroethene	ug/L	<1.0	1.0	11/09/20 16:25	
1,1-Dichloropropene	ug/L	<1.0	1.0	11/09/20 16:25	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	11/09/20 16:25	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	11/09/20 16:25	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	11/09/20 16:25	
1,2-Dichloroethane	ug/L	<1.0	1.0	11/09/20 16:25	
1,2-Dichloropropane	ug/L	<1.0	1.0	11/09/20 16:25	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	11/09/20 16:25	
1,3-Dichloropropane	ug/L	<1.0	1.0	11/09/20 16:25	
1,4-Diethylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	11/09/20 16:25	
2-Butanone (MEK)	ug/L	<5.0	5.0	11/09/20 16:25	
2-Chlorotoluene	ug/L	<1.0	1.0	11/09/20 16:25	
2-Hexanone	ug/L	<5.0	5.0	11/09/20 16:25	
4-Chlorotoluene	ug/L	<1.0	1.0	11/09/20 16:25	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	11/09/20 16:25	
Acetone	ug/L	<5.0	5.0	11/09/20 16:25	
Benzene	ug/L	<1.0	1.0	11/09/20 16:25	
Bromobenzene	ug/L	<1.0	1.0	11/09/20 16:25	
Bromochloromethane	ug/L	<1.0	1.0	11/09/20 16:25	
Bromodichloromethane	ug/L	<1.0	1.0	11/09/20 16:25	
Bromoform	ug/L	<1.0	1.0	11/09/20 16:25	v3
Bromomethane	ug/L	<1.0	1.0	11/09/20 16:25	v3
Carbon disulfide	ug/L	<1.0	1.0	11/09/20 16:25	
Carbon tetrachloride	ug/L	<1.0	1.0	11/09/20 16:25	
Chlorobenzene	ug/L	<1.0	1.0	11/09/20 16:25	
Chlorodifluoromethane	ug/L	<1.0	1.0	11/09/20 16:25	N3
Chloroethane	ug/L	<1.0	1.0	11/09/20 16:25	v3
Chloroform	ug/L	<1.0	1.0	11/09/20 16:25	
Chloromethane	ug/L	<1.0	1.0	11/09/20 16:25	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	11/09/20 16:25	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	11/09/20 16:25	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

METHOD BLANK: 905944

Matrix: Water

Associated Lab Samples: 70151610001, 70151610002, 70151610003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	11/09/20 16:25	v3
Dibromomethane	ug/L	<1.0	1.0	11/09/20 16:25	
Dichlorodifluoromethane	ug/L	<1.0	1.0	11/09/20 16:25	v3
Ethanol	ug/L	<250	250	11/09/20 16:25	v3
Ethylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	11/09/20 16:25	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	11/09/20 16:25	
Methylene Chloride	ug/L	<1.0	1.0	11/09/20 16:25	
n-Butylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
n-Propylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
p-Isopropyltoluene	ug/L	<1.0	1.0	11/09/20 16:25	
sec-Butylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
Styrene	ug/L	<1.0	1.0	11/09/20 16:25	
tert-Butylbenzene	ug/L	<1.0	1.0	11/09/20 16:25	
Tetrachloroethene	ug/L	<1.0	1.0	11/09/20 16:25	
Toluene	ug/L	<1.0	1.0	11/09/20 16:25	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	11/09/20 16:25	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	11/09/20 16:25	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	11/09/20 16:25	
Trichloroethene	ug/L	<1.0	1.0	11/09/20 16:25	
Vinyl chloride	ug/L	<1.0	1.0	11/09/20 16:25	
Xylene (Total)	ug/L	<3.0	3.0	11/09/20 16:25	
1,2-Dichloroethane-d4 (S)	%	104	68-153	11/09/20 16:25	
4-Bromofluorobenzene (S)	%	100	79-124	11/09/20 16:25	
Toluene-d8 (S)	%	90	69-124	11/09/20 16:25	

LABORATORY CONTROL SAMPLE: 905945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	40.3	81	74-113	
1,1,1-Trichloroethane	ug/L	50	52.2	104	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	44.4	89	74-121	
1,1,2-Trichloroethane	ug/L	50	47.9	96	80-117	
1,1-Dichloroethane	ug/L	50	48.1	96	83-151	
1,1-Dichloroethene	ug/L	50	43.3	87	45-146	
1,1-Dichloropropene	ug/L	50	51.3	103	59-127	
1,2,3-Trichlorobenzene	ug/L	50	43.5	87	67-103	
1,2,3-Trichloropropane	ug/L	50	37.8	76	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	45.6	91	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	43.3	87	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	49.7	99	83-115	
1,2-Dichloroethane	ug/L	50	44.4	89	74-129	
1,2-Dichloropropane	ug/L	50	50.8	102	75-117	
1,3,5-Trimethylbenzene	ug/L	50	43.4	87	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

LABORATORY CONTROL SAMPLE: 905945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	43.3	87	71-112	
1,3-Dichloropropane	ug/L	50	44.0	88	74-112	
1,4-Diethylbenzene	ug/L	50	45.9	92	56-130	N3
2,2-Dichloropropane	ug/L	50	63.2	126	63-133	CH
2-Butanone (MEK)	ug/L	50	51.3	103	44-162	
2-Chlorotoluene	ug/L	50	43.2	86	74-101	
2-Hexanone	ug/L	50	51.1	102	32-183	
4-Chlorotoluene	ug/L	50	43.3	87	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	52.3	105	69-132	
Acetone	ug/L	50	46.3	93	23-188	
Benzene	ug/L	50	46.7	93	73-119	
Bromobenzene	ug/L	50	41.7	83	72-102	
Bromochloromethane	ug/L	50	43.5	87	81-116	
Bromodichloromethane	ug/L	50	53.3	107	78-117	
Bromoform	ug/L	50	38.7	77	65-122	v3
Bromomethane	ug/L	50	35.9	72	52-147	v3
Carbon disulfide	ug/L	50	50.3	101	41-144	
Carbon tetrachloride	ug/L	50	47.8	96	59-120	
Chlorobenzene	ug/L	50	40.9	82	75-113	
Chlorodifluoromethane	ug/L	50	42.2	84	43-140	N3
Chloroethane	ug/L	50	39.6	79	49-151	v3
Chloroform	ug/L	50	46.4	93	72-122	
Chloromethane	ug/L	50	38.2	76	46-144	
cis-1,2-Dichloroethene	ug/L	50	45.4	91	72-121	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	78-116	
Dibromochloromethane	ug/L	50	39.8	80	70-120	v3
Dibromomethane	ug/L	50	47.3	95	75-125	
Dichlorodifluoromethane	ug/L	50	33.9	68	22-154	v3
Ethanol	ug/L	1250	1320	105	10-151	v3
Ethylbenzene	ug/L	50	41.8	84	70-113	
Hexachloro-1,3-butadiene	ug/L	50	52.3	105	59-121	
Isopropylbenzene (Cumene)	ug/L	50	42.7	85	67-115	
Methylene Chloride	ug/L	50	42.7	85	61-142	
n-Butylbenzene	ug/L	50	47.0	94	73-107	
n-Propylbenzene	ug/L	50	44.8	90	68-116	
p-Isopropyltoluene	ug/L	50	43.9	88	73-101	
sec-Butylbenzene	ug/L	50	43.7	87	72-103	
Styrene	ug/L	50	45.0	90	72-118	
tert-Butylbenzene	ug/L	50	42.2	84	68-100	
Tetrachloroethene	ug/L	50	40.0	80	60-128	
Toluene	ug/L	50	48.3	97	72-119	
trans-1,2-Dichloroethene	ug/L	50	45.6	91	56-142	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	48.4	97	71-121	
Trichloroethene	ug/L	50	47.5	95	69-117	
Vinyl chloride	ug/L	50	39.5	79	43-143	
Xylene (Total)	ug/L	150	127	85	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

LABORATORY CONTROL SAMPLE: 905945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			104	68-153	
4-Bromofluorobenzene (S)	%			102	79-124	
Toluene-d8 (S)	%			92	69-124	

MATRIX SPIKE SAMPLE: 906438

Parameter	Units	70151610003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	40.0	80	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	55.5	111	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	46.3	93	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	50.1	100	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	55.1	110	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	50.2	100	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	57.7	115	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	29.9	60	67-103	M1
1,2,3-Trichloropropane	ug/L	<1.0	50	40.5	81	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	39.9	80	66-103	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	48.2	96	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50.9	102	83-115	
1,2-Dichloroethane	ug/L	<1.0	50	48.5	97	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	54.4	109	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	49.5	99	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	47.0	94	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	47.2	94	74-112	
1,4-Diethylbenzene	ug/L	<1.0	50	45.4	91	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	56.4	113	63-133	CH
2-Butanone (MEK)	ug/L	<5.0	50	40.7	81	44-162	
2-Chlorotoluene	ug/L	<1.0	50	51.7	103	74-101	M1
2-Hexanone	ug/L	<5.0	50	48.9	98	32-183	
4-Chlorotoluene	ug/L	<1.0	50	50.5	101	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50.8	102	69-132	
Acetone	ug/L	<5.0	50	30.3	61	23-188	
Benzene	ug/L	<1.0	50	52.3	105	73-119	
Bromobenzene	ug/L	<1.0	50	49.7	99	72-102	
Bromochloromethane	ug/L	<1.0	50	46.4	93	81-116	
Bromodichloromethane	ug/L	<1.0	50	52.6	105	78-117	
Bromoform	ug/L	<1.0	50	32.4	65	65-122	v3
Bromomethane	ug/L	<1.0	50	36.6	73	52-147	v3
Carbon disulfide	ug/L	<1.0	50	55.6	111	41-144	
Carbon tetrachloride	ug/L	<1.0	50	46.5	93	59-120	
Chlorobenzene	ug/L	<1.0	50	46.9	94	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	46.9	94	43-140	N3
Chloroethane	ug/L	<1.0	50	46.5	93	49-151	v3
Chloroform	ug/L	<1.0	50	52.4	105	72-122	
Chloromethane	ug/L	<1.0	50	43.5	87	46-144	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

MATRIX SPIKE SAMPLE: 906438		70151610003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	50	51.4	103	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	46.4	93	78-116	
Dibromochloromethane	ug/L	<1.0	50	36.4	73	70-120	v3
Dibromomethane	ug/L	<1.0	50	50.5	101	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	35.9	72	22-154	v3
Ethanol	ug/L	<250	1250	747	60	10-151	v3
Ethylbenzene	ug/L	<1.0	50	47.9	96	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	33.3	67	59-121	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	53.0	106	67-115	
Methylene Chloride	ug/L	<1.0	50	47.2	94	61-142	
n-Butylbenzene	ug/L	<1.0	50	45.8	92	73-107	
n-Propylbenzene	ug/L	<1.0	50	52.8	106	68-116	
p-Isopropyltoluene	ug/L	<1.0	50	47.1	94	73-101	
sec-Butylbenzene	ug/L	<1.0	50	48.7	97	72-103	
Styrene	ug/L	<1.0	50	50.4	101	72-118	
tert-Butylbenzene	ug/L	<1.0	50	48.0	96	68-100	
Tetrachloroethene	ug/L	<1.0	50	47.9	96	60-128	
Toluene	ug/L	<1.0	50	55.0	110	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	52.5	105	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	43.1	86	79-116	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	38.2	76	71-121	
Trichloroethene	ug/L	<1.0	50	53.9	108	69-117	
Vinyl chloride	ug/L	<1.0	50	43.6	87	43-143	
Xylene (Total)	ug/L	<3.0	150	144	96	71-109	
1,2-Dichloroethane-d4 (S)	%				103	68-153	
4-Bromofluorobenzene (S)	%				98	79-124	
Toluene-d8 (S)	%				94	69-124	

SAMPLE DUPLICATE: 906437

Parameter	Units	70151610002	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

SAMPLE DUPLICATE: 906437

Parameter	Units	70151610002 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	<1.0		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		v3
Bromomethane	ug/L	<1.0	<1.0		v3
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3
Chloroethane	ug/L	<1.0	<1.0		v3
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		v3
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		v3
Ethanol	ug/L	<250	<250		v3
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

SAMPLE DUPLICATE: 906437

Parameter	Units	70151610002 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	106	98		
4-Bromofluorobenzene (S)	%	99	97		
Toluene-d8 (S)	%	89	92		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30
Pace Project No.: 70151610

QC Batch:	184046	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70151610001

METHOD BLANK: 901349 Matrix: Water
Associated Lab Samples: 70151610001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	11/03/20 10:53	

LABORATORY CONTROL SAMPLE: 901350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	530	106	85-115	

MATRIX SPIKE SAMPLE: 901352

Parameter	Units	70151413003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	347	300	632	95	75-125	

MATRIX SPIKE SAMPLE: 901354

Parameter	Units	70151584001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	864	300	1180	104	75-125	

SAMPLE DUPLICATE: 901351

Parameter	Units	70151413003 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	347	357	3	

SAMPLE DUPLICATE: 901353

Parameter	Units	70151584001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	864	913	6 D6	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

QC Batch:	184251	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70151610002, 70151610003

METHOD BLANK: 902216 Matrix: Water

Associated Lab Samples: 70151610002, 70151610003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	11/04/20 09:31	

LABORATORY CONTROL SAMPLE: 902217

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	508	102	85-115	

MATRIX SPIKE SAMPLE: 902219

Parameter	Units	70151610002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	164	300	445	94	75-125	

MATRIX SPIKE SAMPLE: 902221

Parameter	Units	70151782001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	89.0	300	377	96	75-125	

SAMPLE DUPLICATE: 902218

Parameter	Units	70151610002 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	164	162	1	

SAMPLE DUPLICATE: 902220

Parameter	Units	70151782001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	89.0	91.0	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIR MONTHLY 10/30

Pace Project No.: 70151610

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70151610001	INFLUENT #1	EPA 200.7	185377	EPA 200.7	185380
70151610002	INFLUENT #2	EPA 200.7	185377	EPA 200.7	185380
70151610003	EFFLUENT# 1	EPA 200.7	185377	EPA 200.7	185380
70151610001	INFLUENT #1	EPA 200.7	185192		
70151610002	INFLUENT #2	EPA 200.7	185192		
70151610003	EFFLUENT# 1	EPA 200.7	185192		
70151610001	INFLUENT #1	EPA 8260C/5030C	185010		
70151610002	INFLUENT #2	EPA 8260C/5030C	185010		
70151610003	EFFLUENT# 1	EPA 8260C/5030C	185010		
70151610001	INFLUENT #1	SM22 2540C	184046		
70151610002	INFLUENT #2	SM22 2540C	184251		
70151610003	EFFLUENT# 1	SM22 2540C	184251		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Sample Condition Upon Receipt

Client Name:

Fairchild

Project

WO#: 70151610

PM: KMM

Due Date: 11/11/20

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No

Seals intact: ☐ Yes ☒ No

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

Thermometer Used: TH091

Correction Factor: -0.2

Cooler Temperature (°C): 9.6

Cooler Temperature Corrected (°C): 8.8

Temperature Blank Present: ☐ Yes ☒ No

Type of Ice: Wet Blue None

☒ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: Go 11/20/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NO

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

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	10.
Containers Intact:	☒ Yes ☐ No	11. Note if sediment is visible in the dissolved container.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	12.
Sample Labels match COC:	☒ Yes ☐ No	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
-Includes date/time/ID/Analysis Matrix <u>SL WT OIL</u>		Sample #
All containers needing preservation have been checked	☒ Yes ☐ No ☒ N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added
pH paper Lot #		
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	☐ Yes ☐ No ☒ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #		
Residual chlorine strips Lot #		
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):		

Field Data Required? Y / N

Date/Time:

Client Notification/ Resolution:

Person Contacted:

Comments/ Resolution:

December 10, 2020

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: FAIR MONTHLY 11/30
Pace Project No.: 70154971

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on November 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Sample: INFLUENT #1		Lab ID: 70154971001		Collected: 11/30/20 16:05		Received: 11/30/20 17:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	12/03/20 11:04	12/08/20 13:35	7440-41-7		
Iron	837	ug/L	100	1	12/03/20 11:04	12/08/20 13:35	7439-89-6		
Manganese	84.8	ug/L	10.0	1	12/03/20 11:04	12/08/20 13:35	7439-96-5		
Zinc	92.7	ug/L	20.0	1	12/03/20 11:04	12/08/20 13:35	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		12/04/20 09:40	7440-41-7		
Iron, Dissolved	936	ug/L	20.0	1		12/04/20 09:40	7439-89-6		
Manganese, Dissolved	91.6	ug/L	10.0	1		12/04/20 09:40	7439-96-5		
Zinc, Dissolved	124	ug/L	20.0	1		12/04/20 09:40	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		12/04/20 02:31	67-64-1		
Benzene	1.6	ug/L	1.0	1		12/04/20 02:31	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		12/04/20 02:31	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		12/04/20 02:31	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		12/04/20 02:31	75-25-2	L2,v3	
Bromomethane	<1.0	ug/L	1.0	1		12/04/20 02:31	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		12/04/20 02:31	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		12/04/20 02:31	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		12/04/20 02:31	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	108-90-7		
Chlorodifluoromethane	1.3	ug/L	1.0	1		12/04/20 02:31	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		12/04/20 02:31	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		12/04/20 02:31	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		12/04/20 02:31	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		12/04/20 02:31	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		12/04/20 02:31	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		12/04/20 02:31	124-48-1	L2,v3	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		12/04/20 02:31	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		12/04/20 02:31	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		12/04/20 02:31	110-57-6	L2,v3	
Dichlorodifluoromethane	1.7	ug/L	1.0	1		12/04/20 02:31	75-71-8		
1,1-Dichloroethane	13.2	ug/L	1.0	1		12/04/20 02:31	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:31	107-06-2		
1,1-Dichloroethene	6.2	ug/L	1.0	1		12/04/20 02:31	75-35-4		
cis-1,2-Dichloroethene	154	ug/L	1.0	1		12/04/20 02:31	156-59-2		
trans-1,2-Dichloroethene	2.0	ug/L	1.0	1		12/04/20 02:31	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Sample: INFLUENT #1		Lab ID: 70154971001		Collected: 11/30/20 16:05		Received: 11/30/20 17:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:31	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:31	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:31	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 02:31	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 02:31	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 02:31	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	105-05-5	N3	
Ethanol	<250	ug/L	250	1		12/04/20 02:31	64-17-5	L1	
Ethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		12/04/20 02:31	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		12/04/20 02:31	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		12/04/20 02:31	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		12/04/20 02:31	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		12/04/20 02:31	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		12/04/20 02:31	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	103-65-1		
Styrene	<1.0	ug/L	1.0	1		12/04/20 02:31	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		12/04/20 02:31	630-20-6	L2,v3	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		12/04/20 02:31	79-34-5		
Tetrachloroethene	503	ug/L	5.0	5		12/04/20 21:57	127-18-4		
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		12/04/20 02:31	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:31	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:31	79-00-5		
Trichloroethene	83.4	ug/L	1.0	1		12/04/20 02:31	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:31	96-18-4	v3	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:31	108-67-8		
Vinyl chloride	25.8	ug/L	1.0	1		12/04/20 02:31	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		12/04/20 02:31	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		12/04/20 02:31	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		12/04/20 02:31	460-00-4		
Toluene-d8 (S)	90	%	69-124	1		12/04/20 02:31	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	83.0	mg/L	10.0	1		12/02/20 11:12			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Sample: INFLUENT #2		Lab ID: 70154971002		Collected: 11/30/20 16:15		Received: 11/30/20 17:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	12/04/20 11:35	12/07/20 13:43	7440-41-7		
Iron	749	ug/L	100	1	12/04/20 11:35	12/07/20 13:43	7439-89-6		
Manganese	84.2	ug/L	10.0	1	12/04/20 11:35	12/07/20 13:43	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	12/04/20 11:35	12/07/20 13:43	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		12/04/20 09:42	7440-41-7		
Iron, Dissolved	313	ug/L	20.0	1		12/04/20 09:42	7439-89-6		
Manganese, Dissolved	88.6	ug/L	10.0	1		12/04/20 09:42	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		12/04/20 09:42	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		12/04/20 02:12	67-64-1		
Benzene	<1.0	ug/L	1.0	1		12/04/20 02:12	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		12/04/20 02:12	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		12/04/20 02:12	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		12/04/20 02:12	75-25-2	L2,v3	
Bromomethane	<1.0	ug/L	1.0	1		12/04/20 02:12	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		12/04/20 02:12	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		12/04/20 02:12	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		12/04/20 02:12	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		12/04/20 02:12	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		12/04/20 02:12	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		12/04/20 02:12	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		12/04/20 02:12	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		12/04/20 02:12	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		12/04/20 02:12	124-48-1	L2,v3	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		12/04/20 02:12	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		12/04/20 02:12	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		12/04/20 02:12	110-57-6	L2,v3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		12/04/20 02:12	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		12/04/20 02:12	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		12/04/20 02:12	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		12/04/20 02:12	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Sample: INFLUENT #2		Lab ID: 70154971002		Collected: 11/30/20 16:15		Received: 11/30/20 17:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:12	78-87-5		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:12	142-28-9		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:12	594-20-7		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 02:12	563-58-6		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 02:12	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 02:12	10061-02-6		
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	105-05-5	N3	
Ethanol	<250	ug/L	250	1		12/04/20 02:12	64-17-5	L1	
Ethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		12/04/20 02:12	87-68-3		
2-Hexanone	<5.0	ug/L	5.0	1		12/04/20 02:12	591-78-6		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		12/04/20 02:12	98-82-8		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		12/04/20 02:12	99-87-6		
Methylene Chloride	<1.0	ug/L	1.0	1		12/04/20 02:12	75-09-2		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		12/04/20 02:12	108-10-1		
n-Propylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	103-65-1		
Styrene	<1.0	ug/L	1.0	1		12/04/20 02:12	100-42-5		
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	630-20-6	L2,v3	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	79-34-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		12/04/20 02:12	127-18-4	v3	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	95-93-2	N3	
Toluene	<1.0	ug/L	1.0	1		12/04/20 02:12	108-88-3		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	87-61-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		12/04/20 02:12	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		12/04/20 02:12	79-01-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		12/04/20 02:12	96-18-4	v3	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	95-63-6		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		12/04/20 02:12	108-67-8		
Vinyl chloride	<1.0	ug/L	1.0	1		12/04/20 02:12	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		12/04/20 02:12	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	68-153	1		12/04/20 02:12	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		12/04/20 02:12	460-00-4		
Toluene-d8 (S)	91	%	69-124	1		12/04/20 02:12	2037-26-5		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville							
Total Dissolved Solids	73.0	mg/L	10.0	1		12/02/20 11:12			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Sample: EFFLUENT #1		Lab ID: 70154971003		Collected: 11/30/20 16:25		Received: 11/30/20 17:11		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	12/04/20 11:35	12/07/20 14:00	7440-41-7		
Iron	761	ug/L	100	1	12/04/20 11:35	12/07/20 14:00	7439-89-6		
Manganese	87.0	ug/L	10.0	1	12/04/20 11:35	12/07/20 14:00	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	12/04/20 11:35	12/07/20 14:00	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		12/04/20 09:45	7440-41-7		
Iron, Dissolved	516	ug/L	20.0	1		12/04/20 09:45	7439-89-6		
Manganese, Dissolved	88.3	ug/L	10.0	1		12/04/20 09:45	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		12/04/20 09:45	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		12/04/20 01:53	67-64-1		
Benzene	<1.0	ug/L	1.0	1		12/04/20 01:53	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		12/04/20 01:53	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		12/04/20 01:53	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		12/04/20 01:53	75-25-2	L2,v3	
Bromomethane	<1.0	ug/L	1.0	1		12/04/20 01:53	74-83-9		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		12/04/20 01:53	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		12/04/20 01:53	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		12/04/20 01:53	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		12/04/20 01:53	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		12/04/20 01:53	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		12/04/20 01:53	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		12/04/20 01:53	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		12/04/20 01:53	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		12/04/20 01:53	124-48-1	L2,v3	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		12/04/20 01:53	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		12/04/20 01:53	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		12/04/20 01:53	110-57-6	L2,v3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		12/04/20 01:53	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		12/04/20 01:53	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		12/04/20 01:53	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		12/04/20 01:53	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Sample: EFFLUENT #1		Lab ID: 70154971003	Collected: 11/30/20 16:25	Received: 11/30/20 17:11	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 01:53	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 01:53	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		12/04/20 01:53	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 01:53	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 01:53	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		12/04/20 01:53	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	105-05-5	N3
Ethanol	<250	ug/L	250	1		12/04/20 01:53	64-17-5	L1
Ethylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		12/04/20 01:53	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		12/04/20 01:53	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		12/04/20 01:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		12/04/20 01:53	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		12/04/20 01:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		12/04/20 01:53	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	103-65-1	
Styrene	<1.0	ug/L	1.0	1		12/04/20 01:53	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	630-20-6	L2,v3
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		12/04/20 01:53	127-18-4	v3
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		12/04/20 01:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		12/04/20 01:53	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		12/04/20 01:53	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		12/04/20 01:53	96-18-4	v3
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		12/04/20 01:53	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		12/04/20 01:53	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		12/04/20 01:53	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	68-153	1		12/04/20 01:53	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		12/04/20 01:53	460-00-4	
Toluene-d8 (S)	91	%	69-124	1		12/04/20 01:53	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	77.0	mg/L	10.0	1		12/02/20 11:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

QC Batch:	188146	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154971001, 70154971002, 70154971003

METHOD BLANK: 922695 Matrix: Water

Associated Lab Samples: 70154971001, 70154971002, 70154971003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	12/04/20 09:26	
Iron, Dissolved	ug/L	<20.0	20.0	12/04/20 09:26	
Manganese, Dissolved	ug/L	<10.0	10.0	12/04/20 09:26	
Zinc, Dissolved	ug/L	<20.0	20.0	12/04/20 09:26	

LABORATORY CONTROL SAMPLE: 922696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	49.8	100	85-115	
Iron, Dissolved	ug/L	2000	2010	101	85-115	
Manganese, Dissolved	ug/L	250	248	99	85-115	
Zinc, Dissolved	ug/L	1000	966	97	85-115	

MATRIX SPIKE SAMPLE: 922699

Parameter	Units	30388269001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	5.0 U	50	56.6	113	70-130	
Iron, Dissolved	ug/L	20.0 U	2000	2270	114	70-130	
Manganese, Dissolved	ug/L	10.0 U	250	287	115	70-130	
Zinc, Dissolved	ug/L	20.0 U	1000	1140	114	70-130	

SAMPLE DUPLICATE: 922698

Parameter	Units	30388269001 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	5.0 U	<5.0		
Iron, Dissolved	ug/L	20.0 U	<20.0		
Manganese, Dissolved	ug/L	10.0 U	<10.0		
Zinc, Dissolved	ug/L	20.0 U	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30
Pace Project No.: 70154971

QC Batch: 188109	Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7	Analysis Description: 200.7 Metals, Total
	Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70154971001

METHOD BLANK: 922530 Matrix: Water

Associated Lab Samples: 70154971001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	12/08/20 12:41	
Iron	ug/L	<100	100	12/08/20 12:41	
Manganese	ug/L	<10.0	10.0	12/08/20 12:41	
Zinc	ug/L	<20.0	20.0	12/08/20 12:41	

LABORATORY CONTROL SAMPLE: 922531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	50.6	101	85-115	
Iron	ug/L	2000	2100	105	85-115	
Manganese	ug/L	250	254	102	85-115	
Zinc	ug/L	1000	1010	101	85-115	

MATRIX SPIKE SAMPLE: 922533

Parameter	Units	70154543005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.3	99	70-130	
Iron	ug/L	<100	2000	2060	99	70-130	
Manganese	ug/L	<10.0	250	252	100	70-130	
Zinc	ug/L	<20.0	1000	979	98	70-130	

MATRIX SPIKE SAMPLE: 922535

Parameter	Units	70154971001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	49.2	98	70-130	
Iron	ug/L	837	2000	2840	100	70-130	
Manganese	ug/L	84.8	250	332	99	70-130	
Zinc	ug/L	92.7	1000	1090	100	70-130	

SAMPLE DUPLICATE: 922532

Parameter	Units	70154543005 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	<100	107		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

SAMPLE DUPLICATE: 922532

Parameter	Units	70154543005 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	<10.0	<10.0		
Zinc	ug/L	<20.0	<20.0		

SAMPLE DUPLICATE: 922534

Parameter	Units	70154971001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	837	828	1	
Manganese	ug/L	84.8	83.9	1	
Zinc	ug/L	92.7	91.5	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

QC Batch:	188267	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154971002, 70154971003

METHOD BLANK: 923464 Matrix: Water

Associated Lab Samples: 70154971002, 70154971003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	12/07/20 13:15	
Iron	ug/L	<100	100	12/07/20 13:15	
Manganese	ug/L	<10.0	10.0	12/07/20 13:15	
Zinc	ug/L	<20.0	20.0	12/07/20 13:15	

LABORATORY CONTROL SAMPLE: 923465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	49.0	98	85-115	
Iron	ug/L	2000	1960	98	85-115	
Manganese	ug/L	250	246	98	85-115	
Zinc	ug/L	1000	892	89	85-115	

MATRIX SPIKE SAMPLE: 923467

Parameter	Units	70154971002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	44.0	88	70-130	
Iron	ug/L	749	2000	2480	87	70-130	
Manganese	ug/L	84.2	250	306	89	70-130	
Zinc	ug/L	<20.0	1000	840	83	70-130	

MATRIX SPIKE SAMPLE: 923469

Parameter	Units	70154971003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	43.1	86	70-130	
Iron	ug/L	761	2000	2470	85	70-130	
Manganese	ug/L	87.0	250	303	86	70-130	
Zinc	ug/L	<20.0	1000	817	80	70-130	

SAMPLE DUPLICATE: 923466

Parameter	Units	70154971002 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	749	800	7	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

SAMPLE DUPLICATE: 923466

Parameter	Units	70154971002 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	84.2	92.9	10	
Zinc	ug/L	<20.0	<20.0		

SAMPLE DUPLICATE: 923468

Parameter	Units	70154971003 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	761	842	10	
Manganese	ug/L	87.0	89.1	2	
Zinc	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30
Pace Project No.: 70154971

QC Batch:	188181	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154971001, 70154971002, 70154971003

METHOD BLANK: 922923 Matrix: Water
Associated Lab Samples: 70154971001, 70154971002, 70154971003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	12/03/20 19:01	v3
1,1,1-Trichloroethane	ug/L	<1.0	1.0	12/03/20 19:01	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	12/03/20 19:01	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	12/03/20 19:01	
1,1-Dichloroethane	ug/L	<1.0	1.0	12/03/20 19:01	
1,1-Dichloroethene	ug/L	<1.0	1.0	12/03/20 19:01	
1,1-Dichloropropene	ug/L	<1.0	1.0	12/03/20 19:01	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	12/03/20 19:01	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	12/03/20 19:01	v3
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	12/03/20 19:01	
1,2-Dichloroethane	ug/L	<1.0	1.0	12/03/20 19:01	
1,2-Dichloropropane	ug/L	<1.0	1.0	12/03/20 19:01	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	12/03/20 19:01	
1,3-Dichloropropane	ug/L	<1.0	1.0	12/03/20 19:01	
1,4-Diethylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	12/03/20 19:01	
2-Butanone (MEK)	ug/L	<5.0	5.0	12/03/20 19:01	
2-Chlorotoluene	ug/L	<1.0	1.0	12/03/20 19:01	
2-Hexanone	ug/L	<5.0	5.0	12/03/20 19:01	
4-Chlorotoluene	ug/L	<1.0	1.0	12/03/20 19:01	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	12/03/20 19:01	
Acetone	ug/L	<5.0	5.0	12/03/20 19:01	
Benzene	ug/L	<1.0	1.0	12/03/20 19:01	
Bromobenzene	ug/L	<1.0	1.0	12/03/20 19:01	
Bromochloromethane	ug/L	<1.0	1.0	12/03/20 19:01	
Bromodichloromethane	ug/L	<1.0	1.0	12/03/20 19:01	
Bromoform	ug/L	<1.0	1.0	12/03/20 19:01	v3
Bromomethane	ug/L	<1.0	1.0	12/03/20 19:01	
Carbon disulfide	ug/L	<1.0	1.0	12/03/20 19:01	
Carbon tetrachloride	ug/L	<1.0	1.0	12/03/20 19:01	
Chlorobenzene	ug/L	<1.0	1.0	12/03/20 19:01	
Chlorodifluoromethane	ug/L	<1.0	1.0	12/03/20 19:01	N3
Chloroethane	ug/L	<1.0	1.0	12/03/20 19:01	
Chloroform	ug/L	<1.0	1.0	12/03/20 19:01	
Chloromethane	ug/L	<1.0	1.0	12/03/20 19:01	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	12/03/20 19:01	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	12/03/20 19:01	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

METHOD BLANK: 922923

Matrix: Water

Associated Lab Samples: 70154971001, 70154971002, 70154971003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	12/03/20 19:01	v3
Dibromomethane	ug/L	<1.0	1.0	12/03/20 19:01	
Dichlorodifluoromethane	ug/L	<1.0	1.0	12/03/20 19:01	
Ethanol	ug/L	<250	250	12/03/20 19:01	
Ethylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	12/03/20 19:01	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	12/03/20 19:01	
Methylene Chloride	ug/L	<1.0	1.0	12/03/20 19:01	
n-Butylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
n-Propylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
p-Isopropyltoluene	ug/L	<1.0	1.0	12/03/20 19:01	
sec-Butylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
Styrene	ug/L	<1.0	1.0	12/03/20 19:01	
tert-Butylbenzene	ug/L	<1.0	1.0	12/03/20 19:01	
Tetrachloroethene	ug/L	<1.0	1.0	12/03/20 19:01	v3
Toluene	ug/L	<1.0	1.0	12/03/20 19:01	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	12/03/20 19:01	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	12/03/20 19:01	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	12/03/20 19:01	v3
Trichloroethene	ug/L	<1.0	1.0	12/03/20 19:01	
Vinyl chloride	ug/L	<1.0	1.0	12/03/20 19:01	
Xylene (Total)	ug/L	<3.0	3.0	12/03/20 19:01	
1,2-Dichloroethane-d4 (S)	%	114	68-153	12/03/20 19:01	
4-Bromofluorobenzene (S)	%	100	79-124	12/03/20 19:01	
Toluene-d8 (S)	%	90	69-124	12/03/20 19:01	

LABORATORY CONTROL SAMPLE: 922924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	35.5	71	74-113	L2,v3
1,1,1-Trichloroethane	ug/L	50	49.3	99	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	45.1	90	74-121	
1,1,2-Trichloroethane	ug/L	50	49.9	100	80-117	
1,1-Dichloroethane	ug/L	50	50.6	101	83-151	
1,1-Dichloroethene	ug/L	50	54.3	109	45-146	
1,1-Dichloropropene	ug/L	50	51.1	102	59-127	
1,2,3-Trichlorobenzene	ug/L	50	34.8	70	67-103	
1,2,3-Trichloropropane	ug/L	50	38.2	76	71-123	v3
1,2,4,5-tetramethylbenzene	ug/L	50	41.0	82	66-103	N3
1,2,4-Trimethylbenzene	ug/L	50	41.4	83	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	49.9	100	83-115	
1,2-Dichloroethane	ug/L	50	47.5	95	74-129	
1,2-Dichloropropane	ug/L	50	52.1	104	75-117	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	67-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

LABORATORY CONTROL SAMPLE: 922924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	40.5	81	71-112	
1,3-Dichloropropane	ug/L	50	43.3	87	74-112	
1,4-Diethylbenzene	ug/L	50	41.6	83	56-130	N3
2,2-Dichloropropane	ug/L	50	63.3	127	63-133	v1
2-Butanone (MEK)	ug/L	50	39.6	79	44-162	
2-Chlorotoluene	ug/L	50	43.9	88	74-101	
2-Hexanone	ug/L	50	54.4	109	32-183	
4-Chlorotoluene	ug/L	50	42.9	86	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	54.7	109	69-132	
Acetone	ug/L	50	53.8	108	23-188	
Benzene	ug/L	50	49.0	98	73-119	
Bromobenzene	ug/L	50	40.7	81	72-102	
Bromochloromethane	ug/L	50	41.2	82	81-116	
Bromodichloromethane	ug/L	50	45.7	91	78-117	
Bromoform	ug/L	50	29.7	59	65-122	L2,v3
Bromomethane	ug/L	50	57.1	114	52-147	
Carbon disulfide	ug/L	50	53.5	107	41-144	
Carbon tetrachloride	ug/L	50	45.4	91	59-120	
Chlorobenzene	ug/L	50	39.6	79	75-113	
Chlorodifluoromethane	ug/L	50	60.5	121	43-140	N3
Chloroethane	ug/L	50	56.2	112	49-151	
Chloroform	ug/L	50	45.3	91	72-122	
Chloromethane	ug/L	50	55.0	110	46-144	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	72-121	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	78-116	
Dibromochloromethane	ug/L	50	31.9	64	70-120	L2,v3
Dibromomethane	ug/L	50	47.4	95	75-125	
Dichlorodifluoromethane	ug/L	50	52.3	105	22-154	
Ethanol	ug/L	1250	1970	158	10-151	L1,v1
Ethylbenzene	ug/L	50	39.9	80	70-113	
Hexachloro-1,3-butadiene	ug/L	50	40.0	80	59-121	
Isopropylbenzene (Cumene)	ug/L	50	43.7	87	67-115	
Methylene Chloride	ug/L	50	42.8	86	61-142	
n-Butylbenzene	ug/L	50	42.2	84	73-107	
n-Propylbenzene	ug/L	50	43.5	87	68-116	
p-Isopropyltoluene	ug/L	50	40.8	82	73-101	
sec-Butylbenzene	ug/L	50	39.9	80	72-103	
Styrene	ug/L	50	43.0	86	72-118	
tert-Butylbenzene	ug/L	50	40.6	81	68-100	
Tetrachloroethene	ug/L	50	38.7	77	60-128	v3
Toluene	ug/L	50	49.8	100	72-119	
trans-1,2-Dichloroethene	ug/L	50	47.6	95	56-142	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	33.0	66	71-121	L2,v3
Trichloroethene	ug/L	50	48.7	97	69-117	
Vinyl chloride	ug/L	50	56.9	114	43-143	
Xylene (Total)	ug/L	150	120	80	71-109	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

LABORATORY CONTROL SAMPLE: 922924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			108	68-153	
4-Bromofluorobenzene (S)	%			103	79-124	
Toluene-d8 (S)	%			90	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 923238 923239

Parameter	Units	70154970003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	28.7	29.3	57	59	74-113	2	M0,v3
1,1,1-Trichloroethane	ug/L	<1.0	50	50	42.8	43.8	86	88	65-118	2	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	34.5	35.3	69	71	74-121	2	M1
1,1,2-Trichloroethane	ug/L	<1.0	50	50	43.3	40.9	87	82	80-117	6	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.2	46.7	96	93	83-151	3	
1,1-Dichloroethene	ug/L	<1.0	50	50	50.7	49.6	101	99	45-146	2	
1,1-Dichloropropene	ug/L	<1.0	50	50	49.9	47.1	100	94	59-127	6	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	31.1	34.9	62	70	67-103	11	M1
1,2,3-Trichloropropane	ug/L	<1.0	50	50	29.4	30.2	59	60	71-123	3	M1,v3
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	50	41.9	40.9	84	82	66-103	2	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	40.5	38.4	81	77	68-116	5	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	42.1	40.1	84	80	83-115	5	M1
1,2-Dichloroethane	ug/L	<1.0	50	50	42.9	40.3	86	81	74-129	6	
1,2-Dichloropropane	ug/L	<1.0	50	50	48.8	46.8	98	94	75-117	4	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	40.5	39.1	81	78	67-116	4	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	39.0	38.3	78	77	71-112	2	
1,3-Dichloropropane	ug/L	<1.0	50	50	37.7	36.7	75	73	74-112	3	M1
1,4-Diethylbenzene	ug/L	<1.0	50	50	44.6	41.7	89	83	56-130	7	N3
2,2-Dichloropropane	ug/L	<1.0	50	50	45.6	46.8	91	94	63-133	2	v1
2-Butanone (MEK)	ug/L	<5.0	50	50	27.3	26.1	55	52	44-162	5	
2-Chlorotoluene	ug/L	<1.0	50	50	42.0	40.3	84	81	74-101	4	
2-Hexanone	ug/L	<5.0	50	50	35.7	36.1	71	72	32-183	1	
4-Chlorotoluene	ug/L	<1.0	50	50	40.7	38.6	81	77	74-101	5	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	41.4	39.8	83	80	69-132	4	
Acetone	ug/L	37.4	50	50	75.3	63.8	76	53	23-188	17	
Benzene	ug/L	<1.0	50	50	46.5	44.2	93	88	73-119	5	
Bromobenzene	ug/L	<1.0	50	50	37.0	36.3	74	73	72-102	2	
Bromochloromethane	ug/L	<1.0	50	50	39.8	38.3	80	77	81-116	4	M1
Bromodichloromethane	ug/L	<1.0	50	50	36.8	37.5	74	75	78-117	2	M1
Bromoform	ug/L	<1.0	50	50	21.2	21.7	42	43	65-122	2	M0,v3
Bromomethane	ug/L	<1.0	50	50	54.6	52.3	109	105	52-147	4	
Carbon disulfide	ug/L	<1.0	50	50	50.7	48.3	101	97	41-144	5	
Carbon tetrachloride	ug/L	<1.0	50	50	37.4	39.9	75	80	59-120	6	
Chlorobenzene	ug/L	<1.0	50	50	37.9	36.0	76	72	75-113	5	M1
Chlorodifluoromethane	ug/L	<1.0	50	50	57.1	51.9	114	104	43-140	10	N3
Chloroethane	ug/L	<1.0	50	50	52.9	48.8	106	98	49-151	8	
Chloroform	ug/L	<1.0	50	50	42.3	40.4	85	81	72-122	5	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 923238 923239											
Parameter	Units	70154970003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloromethane	ug/L	<1.0	50	50	50.8	46.5	102	93	46-144	9	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	40.9	39.6	82	79	72-121	3	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	38.0	37.5	76	75	78-116	1	M1
Dibromochloromethane	ug/L	<1.0	50	50	24.1	26.2	48	52	70-120	9	M0,v3
Dibromomethane	ug/L	<1.0	50	50	41.1	40.2	82	80	75-125	2	
Dichlorodifluoromethane	ug/L	<1.0	50	50	46.6	42.9	93	86	22-154	8	
Ethanol	ug/L	<250	1250	1250	1700	1330	136	106	10-151	25	R1,v1
Ethylbenzene	ug/L	<1.0	50	50	38.0	35.8	76	72	70-113	6	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	44.2	42.5	88	85	59-121	4	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	41.5	39.9	83	80	67-115	4	
Methylene Chloride	ug/L	<1.0	50	50	40.9	37.0	82	74	61-142	10	
n-Butylbenzene	ug/L	<1.0	50	50	44.3	42.2	89	84	73-107	5	
n-Propylbenzene	ug/L	<1.0	50	50	41.8	40.4	84	81	68-116	3	
p-Isopropyltoluene	ug/L	<1.0	50	50	41.7	40.1	83	80	73-101	4	
sec-Butylbenzene	ug/L	<1.0	50	50	40.9	39.2	82	78	72-103	4	
Styrene	ug/L	<1.0	50	50	40.2	38.1	80	76	72-118	5	
tert-Butylbenzene	ug/L	<1.0	50	50	40.0	38.6	80	77	68-100	4	
Tetrachloroethene	ug/L	<1.0	50	50	36.4	35.6	73	71	60-128	2	v3
Toluene	ug/L	<1.0	50	50	46.9	44.9	94	90	72-119	4	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	46.0	45.2	92	90	56-142	2	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	34.7	35.2	69	70	79-116	1	M1
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	50	24.1	24.1	48	48	71-121	0	M0,v3
Trichloroethene	ug/L	<1.0	50	50	45.3	43.5	91	87	69-117	4	
Vinyl chloride	ug/L	<1.0	50	50	52.4	48.2	105	96	43-143	8	
Xylene (Total)	ug/L	<3.0	150	150	115	109	77	73	71-109	5	MS
1,2-Dichloroethane-d4 (S)	%						113	105	68-153		
4-Bromofluorobenzene (S)	%						102	101	79-124		
Toluene-d8 (S)	%						90	91	69-124		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

QC Batch:	187840	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70154971001, 70154971002, 70154971003		

METHOD BLANK: 921512 Matrix: Water

Associated Lab Samples: 70154971001, 70154971002, 70154971003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	12/02/20 10:35	

LABORATORY CONTROL SAMPLE: 921513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	456	91	85-115	

MATRIX SPIKE SAMPLE: 921515

Parameter	Units	70154781005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	78.0	300	349	90	75-125	

MATRIX SPIKE SAMPLE: 921517

Parameter	Units	70154781007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	144	300	449	102	75-125	

SAMPLE DUPLICATE: 921514

Parameter	Units	70154781005 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	78.0	73.0	7	D6

SAMPLE DUPLICATE: 921516

Parameter	Units	70154781007 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	144	141	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIR MONTHLY 11/30

Pace Project No.: 70154971

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70154971001	INFLUENT #1	EPA 200.7	188109	EPA 200.7	188124
70154971002	INFLUENT #2	EPA 200.7	188267	EPA 200.7	188275
70154971003	EFFLUENT #1	EPA 200.7	188267	EPA 200.7	188275
70154971001	INFLUENT #1	EPA 200.7	188146		
70154971002	INFLUENT #2	EPA 200.7	188146		
70154971003	EFFLUENT #1	EPA 200.7	188146		
70154971001	INFLUENT #1	EPA 8260C/5030C	188181		
70154971002	INFLUENT #2	EPA 8260C/5030C	188181		
70154971003	EFFLUENT #1	EPA 8260C/5030C	188181		
70154971001	INFLUENT #1	SM22 2540C	187840		
70154971002	INFLUENT #2	SM22 2540C	187840		
70154971003	EFFLUENT #1	SM22 2540C	187840		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY /
The Chain-of-Custody is a LEGAL DOCUMENT

WO#: 70154971



Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Fairchild Corporation	Report To:	Jason Fellows	Attention:	
Address:	136 Gazza Blvd.	Copy To:		Company Name:	
	Farmingdale, NY 117351420	Purchase Order #:		Address:	
Email:	jason@wiretowater.com	Project Name:	FAIR MONTHLY	Pace Quote:	
Phone:	NONE	Project #:		Pace Project Manager:	kimberly.mack@paceelabs.com
Requested Due Date:				Pace Profile #:	5055
Regulatory Agency		State / Location		NY	

ITEM #	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Aqueous Other Tissue	CODE DW WT WW P SL OL AP AT OT TS	COLLECTED				SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives							Analyses Test Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			START		END					H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			DATE	TIME	DATE	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1	INFLUENT#1		11/30	16:00	11/30	16:05	WT		5	20	1	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
Jason Fellows / wire to water		Jason Fellows	11/30/20		Jason Fellows	11/30/20		Received on	TEMP in C
								Ice	
								Sealed	
								Cooler	
								(Y/N)	
								Custody	
								(Y/N)	
								Samples	
								Inlet	
								(Y/N)	

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	Jason Fellows
SIGNATURE of SAMPLER:	<i>Jason Fellows</i>
DATE Signed:	11/30



Sample Condition Upon Receipt

WO#: 70154971

PM: KMM

Due Date: 12/10/20

CLIENT: FAIR

Client Name:

fairchild

Project

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091

Correction Factor: -0.2

Cooler Temperature(°C): 13.4

Cooler Temperature Corrected(°C): 13.2

Temperature Blank Present: ☐ Yes ☒ No

Type of Ice: Wet Blue None

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: M7 11/30/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No		6.
Rush Turn Around Time Requested:	☐ Yes	☒ No		7.
Sufficient Volume: (Triple volume provided for)	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☒ Yes	☒ No	☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID, Matrix: SL (WT) OIL				
All containers needing preservation have been checked?	☒ Yes	☐ No	☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation?	☒ Yes	☐ No	☐ N/A	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)				
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DR0/8015 (water).				
Per Method, VOA pH is checked after analysis				Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☒ No	☐ N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐ Yes	☒ No	☐ N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No	☐ N/A	16.
Trip Blank Present:	☐ Yes	☐ No	☒ N/A	17.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

January 13, 2021

Jason Fellows
Wire to Water Electrical Contractors
136 Gazza Blvd.
Farmingdale, NY 117351420

RE: Project: FAIR MONTHLY 12/31
Pace Project No.: 70158006

Dear Jason Fellows:

Enclosed are the analytical results for sample(s) received by the laboratory on December 31, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Caroline Mendoza, Fairchild Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Sample: INFLUENT #1		Lab ID: 70158006001		Collected: 12/31/20 12:49		Received: 12/31/20 13:53		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	01/05/21 11:03	01/07/21 12:06	7440-41-7		
Iron	805	ug/L	100	1	01/05/21 11:03	01/07/21 12:06	7439-89-6		
Manganese	83.6	ug/L	10.0	1	01/05/21 11:03	01/07/21 12:06	7439-96-5		
Zinc	138	ug/L	20.0	1	01/05/21 11:03	01/07/21 12:06	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		01/11/21 14:35	7440-41-7		
Iron, Dissolved	<20.0	ug/L	20.0	1		01/11/21 14:35	7439-89-6		
Manganese, Dissolved	81.1	ug/L	10.0	1		01/11/21 14:35	7439-96-5		
Zinc, Dissolved	121	ug/L	20.0	1		01/11/21 14:35	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		01/07/21 21:06	67-64-1		
Benzene	1.4	ug/L	1.0	1		01/07/21 21:06	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		01/07/21 21:06	74-97-5	L2,v3	
Bromodichloromethane	<1.0	ug/L	1.0	1		01/07/21 21:06	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		01/07/21 21:06	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		01/07/21 21:06	74-83-9	v3	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		01/07/21 21:06	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		01/07/21 21:06	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		01/07/21 21:06	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		01/07/21 21:06	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		01/07/21 21:06	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		01/07/21 21:06	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		01/07/21 21:06	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		01/07/21 21:06	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		01/07/21 21:06	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		01/07/21 21:06	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		01/07/21 21:06	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		01/07/21 21:06	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		01/07/21 21:06	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		01/07/21 21:06	75-71-8		
1,1-Dichloroethane	10.8	ug/L	1.0	1		01/07/21 21:06	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		01/07/21 21:06	107-06-2		
1,1-Dichloroethene	4.4	ug/L	1.0	1		01/07/21 21:06	75-35-4		
cis-1,2-Dichloroethene	132	ug/L	1.0	1		01/07/21 21:06	156-59-2		
trans-1,2-Dichloroethene	3.8	ug/L	1.0	1		01/07/21 21:06	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Sample: INFLUENT #1		Lab ID: 70158006001	Collected: 12/31/20 12:49	Received: 12/31/20 13:53	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 21:06	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 21:06	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 21:06	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 21:06	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 21:06	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 21:06	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	105-05-5	N3
Ethanol	<250	ug/L	250	1		01/07/21 21:06	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		01/07/21 21:06	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		01/07/21 21:06	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		01/07/21 21:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		01/07/21 21:06	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		01/07/21 21:06	75-09-2	v3
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		01/07/21 21:06	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	103-65-1	
Styrene	<1.0	ug/L	1.0	1		01/07/21 21:06	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		01/07/21 21:06	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		01/07/21 21:06	79-34-5	
Tetrachloroethene	420	ug/L	5.0	5		01/07/21 21:28	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		01/07/21 21:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		01/07/21 21:06	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		01/07/21 21:06	79-00-5	
Trichloroethene	75.0	ug/L	1.0	1		01/07/21 21:06	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		01/07/21 21:06	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		01/07/21 21:06	108-67-8	
Vinyl chloride	16.2	ug/L	1.0	1		01/07/21 21:06	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		01/07/21 21:06	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	116	%	70-123	1		01/07/21 21:06	17060-07-0	
4-Bromofluorobenzene (S)	101	%	66-119	1		01/07/21 21:06	460-00-4	
Toluene-d8 (S)	91	%	82-121	1		01/07/21 21:06	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	140	mg/L	10.0	1		01/05/21 10:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Sample: INFLUENT #2		Lab ID: 70158006002		Collected: 12/31/20 12:54		Received: 12/31/20 13:53		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	01/05/21 11:03	01/07/21 12:23	7440-41-7		
Iron	720	ug/L	100	1	01/05/21 11:03	01/07/21 12:23	7439-89-6		
Manganese	83.9	ug/L	10.0	1	01/05/21 11:03	01/07/21 12:23	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	01/05/21 11:03	01/07/21 12:23	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		01/11/21 14:49	7440-41-7		
Iron, Dissolved	32.5	ug/L	20.0	1		01/11/21 14:49	7439-89-6		
Manganese, Dissolved	80.1	ug/L	10.0	1		01/11/21 14:49	7439-96-5		
Zinc, Dissolved	<20.0	ug/L	20.0	1		01/11/21 14:49	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		01/07/21 20:47	67-64-1		
Benzene	<1.0	ug/L	1.0	1		01/07/21 20:47	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		01/07/21 20:47	74-97-5	L2,v3	
Bromodichloromethane	<1.0	ug/L	1.0	1		01/07/21 20:47	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		01/07/21 20:47	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		01/07/21 20:47	74-83-9	v3	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		01/07/21 20:47	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		01/07/21 20:47	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		01/07/21 20:47	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		01/07/21 20:47	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		01/07/21 20:47	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		01/07/21 20:47	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		01/07/21 20:47	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		01/07/21 20:47	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		01/07/21 20:47	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		01/07/21 20:47	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		01/07/21 20:47	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		01/07/21 20:47	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		01/07/21 20:47	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:47	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:47	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:47	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Sample: INFLUENT #2		Lab ID: 70158006002	Collected: 12/31/20 12:54	Received: 12/31/20 13:53	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:47	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:47	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:47	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 20:47	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 20:47	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 20:47	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	105-05-5	N3
Ethanol	<250	ug/L	250	1		01/07/21 20:47	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		01/07/21 20:47	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		01/07/21 20:47	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		01/07/21 20:47	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		01/07/21 20:47	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		01/07/21 20:47	75-09-2	v3
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		01/07/21 20:47	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	103-65-1	
Styrene	<1.0	ug/L	1.0	1		01/07/21 20:47	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		01/07/21 20:47	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		01/07/21 20:47	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:47	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:47	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:47	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:47	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		01/07/21 20:47	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		01/07/21 20:47	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	113	%	70-123	1		01/07/21 20:47	17060-07-0	
4-Bromofluorobenzene (S)	99	%	66-119	1		01/07/21 20:47	460-00-4	
Toluene-d8 (S)	91	%	82-121	1		01/07/21 20:47	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	123	mg/L	10.0	1		01/05/21 10:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Sample: EFFLUENT#1		Lab ID: 70158006003		Collected: 12/31/20 12:59		Received: 12/31/20 13:53		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium	<5.0	ug/L	5.0	1	01/05/21 11:03	01/07/21 12:32	7440-41-7		
Iron	1720	ug/L	100	1	01/05/21 11:03	01/07/21 12:32	7439-89-6		
Manganese	85.2	ug/L	10.0	1	01/05/21 11:03	01/07/21 12:32	7439-96-5		
Zinc	<20.0	ug/L	20.0	1	01/05/21 11:03	01/07/21 12:32	7440-66-6		
200.7 Metals, Dissolved		Analytical Method: EPA 200.7 Pace Analytical Services - Melville							
Beryllium, Dissolved	<5.0	ug/L	5.0	1		01/11/21 14:56	7440-41-7		
Iron, Dissolved	74.1	ug/L	20.0	1		01/11/21 14:56	7439-89-6		
Manganese, Dissolved	79.8	ug/L	10.0	1		01/11/21 14:56	7439-96-5		
Zinc, Dissolved	20.7	ug/L	20.0	1		01/11/21 14:56	7440-66-6		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		01/07/21 20:29	67-64-1		
Benzene	<1.0	ug/L	1.0	1		01/07/21 20:29	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		01/07/21 20:29	74-97-5	L2,v3	
Bromodichloromethane	<1.0	ug/L	1.0	1		01/07/21 20:29	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		01/07/21 20:29	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		01/07/21 20:29	74-83-9	v3	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		01/07/21 20:29	78-93-3		
n-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	104-51-8		
sec-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	98-06-6		
Carbon disulfide	<1.0	ug/L	1.0	1		01/07/21 20:29	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		01/07/21 20:29	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	108-90-7		
Chlorodifluoromethane	<1.0	ug/L	1.0	1		01/07/21 20:29	75-45-6	N3	
Chloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		01/07/21 20:29	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		01/07/21 20:29	74-87-3		
2-Chlorotoluene	<1.0	ug/L	1.0	1		01/07/21 20:29	95-49-8		
4-Chlorotoluene	<1.0	ug/L	1.0	1		01/07/21 20:29	106-43-4		
Dibromochloromethane	<1.0	ug/L	1.0	1		01/07/21 20:29	124-48-1		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		01/07/21 20:29	106-93-4		
Dibromomethane	<1.0	ug/L	1.0	1		01/07/21 20:29	74-95-3		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	541-73-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		01/07/21 20:29	110-57-6		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		01/07/21 20:29	75-71-8		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	75-34-3		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	107-06-2		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:29	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:29	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:29	156-60-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Sample: EFFLUENT#1		Lab ID: 70158006003	Collected: 12/31/20 12:59	Received: 12/31/20 13:53	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:29	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:29	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:29	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 20:29	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 20:29	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		01/07/21 20:29	10061-02-6	
1,4-Diethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	105-05-5	N3
Ethanol	<250	ug/L	250	1		01/07/21 20:29	64-17-5	
Ethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		01/07/21 20:29	87-68-3	
2-Hexanone	<5.0	ug/L	5.0	1		01/07/21 20:29	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		01/07/21 20:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		01/07/21 20:29	99-87-6	
Methylene Chloride	<1.0	ug/L	1.0	1		01/07/21 20:29	75-09-2	v3
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		01/07/21 20:29	108-10-1	
n-Propylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	103-65-1	
Styrene	<1.0	ug/L	1.0	1		01/07/21 20:29	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	79-34-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		01/07/21 20:29	127-18-4	
1,2,4,5-tetramethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	95-93-2	N3
Toluene	<1.0	ug/L	1.0	1		01/07/21 20:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	87-61-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		01/07/21 20:29	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		01/07/21 20:29	79-01-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		01/07/21 20:29	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		01/07/21 20:29	108-67-8	
Vinyl chloride	<1.0	ug/L	1.0	1		01/07/21 20:29	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		01/07/21 20:29	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	70-123	1		01/07/21 20:29	17060-07-0	
4-Bromofluorobenzene (S)	100	%	66-119	1		01/07/21 20:29	460-00-4	
Toluene-d8 (S)	92	%	82-121	1		01/07/21 20:29	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM22 2540C Pace Analytical Services - Melville						
Total Dissolved Solids	117	mg/L	10.0	1		01/05/21 10:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

QC Batch:	192530	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70158006001, 70158006002, 70158006003

METHOD BLANK: 944490 Matrix: Water

Associated Lab Samples: 70158006001, 70158006002, 70158006003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	5.0	01/11/21 14:30	
Iron, Dissolved	ug/L	<20.0	20.0	01/11/21 14:30	
Manganese, Dissolved	ug/L	<10.0	10.0	01/11/21 14:30	
Zinc, Dissolved	ug/L	<20.0	20.0	01/11/21 14:30	

LABORATORY CONTROL SAMPLE: 944491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	50	49.3	99	85-115	
Iron, Dissolved	ug/L	2000	1940	97	85-115	
Manganese, Dissolved	ug/L	250	248	99	85-115	
Zinc, Dissolved	ug/L	1000	1030	103	85-115	

MATRIX SPIKE SAMPLE: 944494

Parameter	Units	70158006001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	52.0	104	70-130	
Iron, Dissolved	ug/L	<20.0	2000	2130	106	70-130	
Manganese, Dissolved	ug/L	81.1	250	346	106	70-130	
Zinc, Dissolved	ug/L	121	1000	1230	111	70-130	

MATRIX SPIKE SAMPLE: 944496

Parameter	Units	70158006002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	50	55.1	110	70-130	
Iron, Dissolved	ug/L	32.5	2000	2290	113	70-130	
Manganese, Dissolved	ug/L	80.1	250	361	112	70-130	
Zinc, Dissolved	ug/L	<20.0	1000	1190	118	70-130	

SAMPLE DUPLICATE: 944493

Parameter	Units	70158006001 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

SAMPLE DUPLICATE: 944493

Parameter	Units	70158006001 Result	Dup Result	RPD	Qualifiers
Manganese, Dissolved	ug/L	81.1	80.7	0	
Zinc, Dissolved	ug/L	121	120	1	

SAMPLE DUPLICATE: 944495

Parameter	Units	70158006002 Result	Dup Result	RPD	Qualifiers
Beryllium, Dissolved	ug/L	<5.0	<5.0		
Iron, Dissolved	ug/L	32.5	36.0	10	
Manganese, Dissolved	ug/L	80.1	80.5	0	
Zinc, Dissolved	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

QC Batch:	191814	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70158006001, 70158006002, 70158006003

METHOD BLANK: 940821 Matrix: Water

Associated Lab Samples: 70158006001, 70158006002, 70158006003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	ug/L	<5.0	5.0	01/07/21 11:48	
Iron	ug/L	<100	100	01/07/21 11:48	
Manganese	ug/L	<10.0	10.0	01/07/21 11:48	
Zinc	ug/L	<20.0	20.0	01/07/21 11:48	

LABORATORY CONTROL SAMPLE: 940822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	50	51.6	103	85-115	
Iron	ug/L	2000	2080	104	85-115	
Manganese	ug/L	250	260	104	85-115	
Zinc	ug/L	1000	1020	102	85-115	

MATRIX SPIKE SAMPLE: 940824

Parameter	Units	70158006001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	48.7	97	70-130	
Iron	ug/L	805	2000	2810	100	70-130	
Manganese	ug/L	83.6	250	331	99	70-130	
Zinc	ug/L	138	1000	1120	98	70-130	

MATRIX SPIKE SAMPLE: 940826

Parameter	Units	70158006002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	<5.0	50	48.9	98	70-130	
Iron	ug/L	720	2000	2720	100	70-130	
Manganese	ug/L	83.9	250	330	98	70-130	
Zinc	ug/L	<20.0	1000	1010	99	70-130	

SAMPLE DUPLICATE: 940823

Parameter	Units	70158006001 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	805	810	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

SAMPLE DUPLICATE: 940823

Parameter	Units	70158006001 Result	Dup Result	RPD	Qualifiers
Manganese	ug/L	83.6	84.3	1	
Zinc	ug/L	138	140	1	

SAMPLE DUPLICATE: 940825

Parameter	Units	70158006002 Result	Dup Result	RPD	Qualifiers
Beryllium	ug/L	<5.0	<5.0		
Iron	ug/L	720	740	3	
Manganese	ug/L	83.9	86.1	3	
Zinc	ug/L	<20.0	<20.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

QC Batch: 192226

Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70158006001, 70158006002, 70158006003

METHOD BLANK: 942916

Matrix: Water

Associated Lab Samples: 70158006001, 70158006002, 70158006003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
1,1-Dichloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
1,1-Dichloroethene	ug/L	<1.0	1.0	01/07/21 15:43	
1,1-Dichloropropene	ug/L	<1.0	1.0	01/07/21 15:43	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	01/07/21 15:43	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	01/07/21 15:43	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	N3
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	01/07/21 15:43	
1,2-Dichloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
1,2-Dichloropropane	ug/L	<1.0	1.0	01/07/21 15:43	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	01/07/21 15:43	
1,3-Dichloropropane	ug/L	<1.0	1.0	01/07/21 15:43	
1,4-Diethylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	01/07/21 15:43	
2-Butanone (MEK)	ug/L	<5.0	5.0	01/07/21 15:43	
2-Chlorotoluene	ug/L	<1.0	1.0	01/07/21 15:43	
2-Hexanone	ug/L	<5.0	5.0	01/07/21 15:43	
4-Chlorotoluene	ug/L	<1.0	1.0	01/07/21 15:43	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	01/07/21 15:43	
Acetone	ug/L	<5.0	5.0	01/07/21 15:43	
Benzene	ug/L	<1.0	1.0	01/07/21 15:43	
Bromobenzene	ug/L	<1.0	1.0	01/07/21 15:43	
Bromochloromethane	ug/L	<1.0	1.0	01/07/21 15:43	v3
Bromodichloromethane	ug/L	<1.0	1.0	01/07/21 15:43	
Bromoform	ug/L	<1.0	1.0	01/07/21 15:43	
Bromomethane	ug/L	<1.0	1.0	01/07/21 15:43	v3
Carbon disulfide	ug/L	<1.0	1.0	01/07/21 15:43	
Carbon tetrachloride	ug/L	<1.0	1.0	01/07/21 15:43	
Chlorobenzene	ug/L	<1.0	1.0	01/07/21 15:43	
Chlorodifluoromethane	ug/L	<1.0	1.0	01/07/21 15:43	N3
Chloroethane	ug/L	<1.0	1.0	01/07/21 15:43	
Chloroform	ug/L	<1.0	1.0	01/07/21 15:43	
Chloromethane	ug/L	<1.0	1.0	01/07/21 15:43	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	01/07/21 15:43	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	01/07/21 15:43	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

METHOD BLANK: 942916

Matrix: Water

Associated Lab Samples: 70158006001, 70158006002, 70158006003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	01/07/21 15:43	
Dibromomethane	ug/L	<1.0	1.0	01/07/21 15:43	
Dichlorodifluoromethane	ug/L	<1.0	1.0	01/07/21 15:43	
Ethanol	ug/L	<250	250	01/07/21 15:43	
Ethylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	01/07/21 15:43	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	01/07/21 15:43	
Methylene Chloride	ug/L	<1.0	1.0	01/07/21 15:43	v3
n-Butylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
n-Propylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
p-Isopropyltoluene	ug/L	<1.0	1.0	01/07/21 15:43	
sec-Butylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
Styrene	ug/L	<1.0	1.0	01/07/21 15:43	
tert-Butylbenzene	ug/L	<1.0	1.0	01/07/21 15:43	
Tetrachloroethene	ug/L	<1.0	1.0	01/07/21 15:43	
Toluene	ug/L	<1.0	1.0	01/07/21 15:43	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	01/07/21 15:43	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	01/07/21 15:43	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	01/07/21 15:43	
Trichloroethene	ug/L	<1.0	1.0	01/07/21 15:43	
Vinyl chloride	ug/L	<1.0	1.0	01/07/21 15:43	
Xylene (Total)	ug/L	<3.0	3.0	01/07/21 15:43	
1,2-Dichloroethane-d4 (S)	%	109	70-123	01/07/21 15:43	
4-Bromofluorobenzene (S)	%	98	66-119	01/07/21 15:43	
Toluene-d8 (S)	%	91	82-121	01/07/21 15:43	

LABORATORY CONTROL SAMPLE: 942917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.5	89	66-133	
1,1,1-Trichloroethane	ug/L	50	48.9	98	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	44.1	88	75-122	
1,1,2-Trichloroethane	ug/L	50	47.8	96	80-122	
1,1-Dichloroethane	ug/L	50	43.9	88	68-127	
1,1-Dichloroethene	ug/L	50	37.1	74	65-123	
1,1-Dichloropropene	ug/L	50	47.1	94	74-115	
1,2,3-Trichlorobenzene	ug/L	50	41.7	83	53-123	
1,2,3-Trichloropropane	ug/L	50	44.8	90	63-123	
1,2,4,5-tetramethylbenzene	ug/L	50	51.5	103	63-122	N3
1,2,4-Trimethylbenzene	ug/L	50	49.6	99	72-117	
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	74-125	
1,2-Dichloroethane	ug/L	50	50.9	102	73-128	
1,2-Dichloropropane	ug/L	50	49.2	98	79-117	
1,3,5-Trimethylbenzene	ug/L	50	49.2	98	69-117	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

LABORATORY CONTROL SAMPLE: 942917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	73-120	
1,3-Dichloropropane	ug/L	50	45.3	91	76-125	
1,4-Diethylbenzene	ug/L	50	53.4	107	65-124	N3,v1
2,2-Dichloropropane	ug/L	50	47.8	96	46-134	
2-Butanone (MEK)	ug/L	50	46.9	94	28-169	
2-Chlorotoluene	ug/L	50	47.9	96	67-121	
2-Hexanone	ug/L	50	45.8	92	59-138	
4-Chlorotoluene	ug/L	50	48.8	98	68-121	
4-Methyl-2-pentanone (MIBK)	ug/L	50	53.6	107	70-129	
Acetone	ug/L	50	53.9	108	10-225	v1
Benzene	ug/L	50	43.1	86	73-121	
Bromobenzene	ug/L	50	42.7	85	70-120	
Bromochloromethane	ug/L	50	36.0	72	75-130	L2,v3
Bromodichloromethane	ug/L	50	54.0	108	74-127	
Bromoform	ug/L	50	37.3	75	55-128	
Bromomethane	ug/L	50	26.3	53	12-176	v3
Carbon disulfide	ug/L	50	37.1	74	57-129	
Carbon tetrachloride	ug/L	50	39.7	79	64-122	
Chlorobenzene	ug/L	50	41.8	84	76-117	
Chlorodifluoromethane	ug/L	50	40.9	82	42-122	N3
Chloroethane	ug/L	50	44.8	90	60-129	
Chloroform	ug/L	50	46.6	93	74-129	
Chloromethane	ug/L	50	35.0	70	43-126	
cis-1,2-Dichloroethene	ug/L	50	41.1	82	72-127	
cis-1,3-Dichloropropene	ug/L	50	44.6	89	65-134	
Dibromochloromethane	ug/L	50	38.3	77	71-130	
Dibromomethane	ug/L	50	48.5	97	76-119	
Dichlorodifluoromethane	ug/L	50	40.0	80	14-130	
Ethanol	ug/L	1250	834	67	26-186	
Ethylbenzene	ug/L	50	42.1	84	70-120	
Hexachloro-1,3-butadiene	ug/L	50	45.2	90	45-136	
Isopropylbenzene (Cumene)	ug/L	50	45.7	91	70-116	
Methylene Chloride	ug/L	50	37.8	76	69-126	v3
n-Butylbenzene	ug/L	50	57.3	115	66-126	v1
n-Propylbenzene	ug/L	50	49.7	99	69-119	
p-Isopropyltoluene	ug/L	50	52.1	104	70-121	v1
sec-Butylbenzene	ug/L	50	50.9	102	68-120	
Styrene	ug/L	50	45.8	92	80-121	
tert-Butylbenzene	ug/L	50	47.2	94	72-115	
Tetrachloroethene	ug/L	50	39.4	79	65-120	
Toluene	ug/L	50	45.9	92	77-120	
trans-1,2-Dichloroethene	ug/L	50	41.7	83	71-125	
trans-1,3-Dichloropropene	ug/L	50	44.3	89	54-139	
trans-1,4-Dichloro-2-butene	ug/L	50	45.4	91	46-133	
Trichloroethene	ug/L	50	45.0	90	73-116	
Vinyl chloride	ug/L	50	45.1	90	50-130	
Xylene (Total)	ug/L	150	126	84	73-120	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

LABORATORY CONTROL SAMPLE: 942917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			115	70-123	
4-Bromofluorobenzene (S)	%			103	66-119	
Toluene-d8 (S)	%			91	82-121	

MATRIX SPIKE SAMPLE: 943667

Parameter	Units	30400044002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	42.8	86	60-127	
1,1,1-Trichloroethane	ug/L	ND	50	48.4	97	60-127	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	44.4	89	74-118	
1,1,2-Trichloroethane	ug/L	ND	50	49.5	99	80-120	
1,1-Dichloroethane	ug/L	ND	50	43.1	86	69-131	
1,1-Dichloroethene	ug/L	ND	50	39.3	79	70-129	
1,1-Dichloropropene	ug/L	ND	50	49.6	99	78-118	
1,2,3-Trichlorobenzene	ug/L	ND	50	46.0	92	48-128	
1,2,3-Trichloropropane	ug/L	ND	50	45.8	92	60-120	
1,2,4,5-tetramethylbenzene	ug/L	ND	50	54.8	110	60-125	N3
1,2,4-Trimethylbenzene	ug/L	ND	50	52.8	106	66-122	
1,2-Dibromoethane (EDB)	ug/L	ND	50	49.8	100	67-128	
1,2-Dichloroethane	ug/L	ND	50	53.5	107	70-129	
1,2-Dichloropropane	ug/L	ND	50	50.3	101	77-118	
1,3,5-Trimethylbenzene	ug/L	ND	50	52.2	104	67-119	
1,3-Dichlorobenzene	ug/L	ND	50	48.9	98	72-121	
1,3-Dichloropropane	ug/L	ND	50	46.5	93	75-117	
1,4-Diethylbenzene	ug/L	ND	50	56.9	114	68-123	N3,v1
2,2-Dichloropropane	ug/L	ND	50	44.5	89	38-132	
2-Butanone (MEK)	ug/L	ND	50	49.5	99	15-159	
2-Chlorotoluene	ug/L	ND	50	50.6	101	68-117	
2-Hexanone	ug/L	ND	50	46.3	93	60-127	
4-Chlorotoluene	ug/L	ND	50	50.7	101	66-121	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50	55.2	110	66-129	
Acetone	ug/L	ND	50	62.2	124	10-189	v1
Benzene	ug/L	ND	50	45.5	91	74-126	
Bromobenzene	ug/L	ND	50	44.2	88	66-122	
Bromochloromethane	ug/L	ND	50	37.3	75	69-132	v3
Bromodichloromethane	ug/L	ND	50	51.7	103	71-125	
Bromoform	ug/L	ND	50	33.2	66	40-128	
Bromomethane	ug/L	ND	50	24.9	50	10-179	v3
Carbon disulfide	ug/L	ND	50	38.6	77	60-131	
Carbon tetrachloride	ug/L	ND	50	37.2	74	64-125	
Chlorobenzene	ug/L	ND	50	43.7	87	72-121	
Chlorodifluoromethane	ug/L	ND	50	43.2	86	44-123	N3
Chloroethane	ug/L	ND	50	47.4	95	54-137	
Chloroform	ug/L	ND	50	48.2	96	73-128	
Chloromethane	ug/L	ND	50	37.2	74	45-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

MATRIX SPIKE SAMPLE: 943667		30400044002	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
cis-1,2-Dichloroethene	ug/L	ND	50	41.9	84	72-129	
cis-1,3-Dichloropropene	ug/L	ND	50	42.9	86	57-130	
Dibromochloromethane	ug/L	ND	50	36.4	73	59-132	
Dibromomethane	ug/L	ND	50	49.5	99	69-122	
Dichlorodifluoromethane	ug/L	ND	50	41.8	84	10-131	
Ethanol	ug/L	ND	1250	1080	86	10-183	
Ethylbenzene	ug/L	ND	50	44.0	88	67-126	
Hexachloro-1,3-butadiene	ug/L	ND	50	48.8	98	30-144	
Isopropylbenzene (Cumene)	ug/L	ND	50	48.8	98	66-120	
Methylene Chloride	ug/L	ND	50	39.1	78	65-129	v3
n-Butylbenzene	ug/L	ND	50	60.3	121	65-129	v1
n-Propylbenzene	ug/L	ND	50	52.6	105	62-127	
p-Isopropyltoluene	ug/L	ND	50	54.9	110	66-125	v1
sec-Butylbenzene	ug/L	ND	50	55.2	110	66-127	
Styrene	ug/L	ND	50	47.3	95	74-121	
tert-Butylbenzene	ug/L	ND	50	50.5	101	68-121	
Tetrachloroethene	ug/L	ND	50	42.5	85	59-131	
Toluene	ug/L	ND	50	47.6	95	76-124	
trans-1,2-Dichloroethene	ug/L	ND	50	44.0	88	74-129	
trans-1,3-Dichloropropene	ug/L	ND	50	43.0	86	42-140	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	52.0	104	10-144	
Trichloroethene	ug/L	ND	50	47.5	95	78-119	
Vinyl chloride	ug/L	ND	50	46.5	93	45-141	
Xylene (Total)	ug/L	ND	150	131	87	69-125	
1,2-Dichloroethane-d4 (S)	%				115	70-123	
4-Bromofluorobenzene (S)	%				102	66-119	
Toluene-d8 (S)	%				91	82-121	

SAMPLE DUPLICATE: 943666

Parameter	Units	30400044001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	<1.0		
1,1,1-Trichloroethane	ug/L	ND	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	ND	<1.0		
1,1,2-Trichloroethane	ug/L	ND	<1.0		
1,1-Dichloroethane	ug/L	ND	<1.0		
1,1-Dichloroethene	ug/L	ND	<1.0		
1,1-Dichloropropene	ug/L	ND	<1.0		
1,2,3-Trichlorobenzene	ug/L	ND	<1.0		
1,2,3-Trichloropropane	ug/L	ND	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	ND	<1.0		N3
1,2,4-Trimethylbenzene	ug/L	3.0	2.7	10	
1,2-Dibromoethane (EDB)	ug/L	ND	<1.0		
1,2-Dichloroethane	ug/L	ND	<1.0		
1,2-Dichloropropane	ug/L	ND	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

SAMPLE DUPLICATE: 943666

Parameter	Units	30400044001 Result	Dup Result	RPD	Qualifiers
1,3,5-Trimethylbenzene	ug/L	2.5	2.4	1	
1,3-Dichlorobenzene	ug/L	ND	<1.0		
1,3-Dichloropropane	ug/L	ND	<1.0		
1,4-Diethylbenzene	ug/L	ND	<1.0		N3
2,2-Dichloropropane	ug/L	ND	<1.0		
2-Butanone (MEK)	ug/L	ND	<5.0		
2-Chlorotoluene	ug/L	ND	<1.0		
2-Hexanone	ug/L	ND	<5.0		
4-Chlorotoluene	ug/L	ND	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	<5.0		
Acetone	ug/L	ND	<5.0		
Benzene	ug/L	3.3	3.4	2	
Bromobenzene	ug/L	ND	<1.0		
Bromochloromethane	ug/L	ND	<1.0		v3
Bromodichloromethane	ug/L	ND	<1.0		
Bromoform	ug/L	ND	<1.0		
Bromomethane	ug/L	ND	<1.0		v3
Carbon disulfide	ug/L	ND	<1.0		
Carbon tetrachloride	ug/L	ND	<1.0		
Chlorobenzene	ug/L	ND	<1.0		
Chlorodifluoromethane	ug/L	ND	<1.0		N3
Chloroethane	ug/L	ND	<1.0		
Chloroform	ug/L	ND	<1.0		
Chloromethane	ug/L	ND	<1.0		
cis-1,2-Dichloroethene	ug/L	ND	<1.0		
cis-1,3-Dichloropropene	ug/L	ND	<1.0		
Dibromochloromethane	ug/L	ND	<1.0		
Dibromomethane	ug/L	ND	<1.0		
Dichlorodifluoromethane	ug/L	ND	<1.0		
Ethanol	ug/L	ND	<250		
Ethylbenzene	ug/L	ND	<1.0		
Hexachloro-1,3-butadiene	ug/L	ND	<1.0		
Isopropylbenzene (Cumene)	ug/L	ND	<1.0		
Methylene Chloride	ug/L	ND	<1.0		v3
n-Butylbenzene	ug/L	ND	<1.0		
n-Propylbenzene	ug/L	ND	<1.0		
p-Isopropyltoluene	ug/L	ND	<1.0		
sec-Butylbenzene	ug/L	ND	<1.0		
Styrene	ug/L	ND	<1.0		
tert-Butylbenzene	ug/L	ND	<1.0		
Tetrachloroethene	ug/L	ND	<1.0		
Toluene	ug/L	11.1	11.0	2	
trans-1,2-Dichloroethene	ug/L	ND	<1.0		
trans-1,3-Dichloropropene	ug/L	ND	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	ND	<1.0		
Trichloroethene	ug/L	ND	<1.0		
Vinyl chloride	ug/L	ND	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

SAMPLE DUPLICATE: 943666

Parameter	Units	30400044001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	16.2	15.6	4	
1,2-Dichloroethane-d4 (S)	%	112	114		
4-Bromofluorobenzene (S)	%	100	99		
Toluene-d8 (S)	%	90	90		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

QC Batch:	191753	Analysis Method:	SM22 2540C
QC Batch Method:	SM22 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70158006001, 70158006002, 70158006003		

METHOD BLANK: 940566 Matrix: Water

Associated Lab Samples: 70158006001, 70158006002, 70158006003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	01/05/21 09:49	

LABORATORY CONTROL SAMPLE: 940567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	500	536	107	85-115	

MATRIX SPIKE SAMPLE: 940569

Parameter	Units	70157926002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	680		936			

MATRIX SPIKE SAMPLE: 940571

Parameter	Units	70158006001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	140		427			

SAMPLE DUPLICATE: 940568

Parameter	Units	70157926002 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	680	675	1	

SAMPLE DUPLICATE: 940570

Parameter	Units	70158006001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	140	134	4	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

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.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FAIR MONTHLY 12/31

Pace Project No.: 70158006

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70158006001	INFLUENT #1	EPA 200.7	191814	EPA 200.7	191819
70158006002	INFLUENT #2	EPA 200.7	191814	EPA 200.7	191819
70158006003	EFFLUENT#1	EPA 200.7	191814	EPA 200.7	191819
70158006001	INFLUENT #1	EPA 200.7	192530		
70158006002	INFLUENT #2	EPA 200.7	192530		
70158006003	EFFLUENT#1	EPA 200.7	192530		
70158006001	INFLUENT #1	EPA 8260C/5030C	192226		
70158006002	INFLUENT #2	EPA 8260C/5030C	192226		
70158006003	EFFLUENT#1	EPA 8260C/5030C	192226		
70158006001	INFLUENT #1	SM22 2540C	191753		
70158006002	INFLUENT #2	SM22 2540C	191753		
70158006003	EFFLUENT#1	SM22 2540C	191753		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Page 23 of 24



Sample Condition Upon Receipt

Pr

WO#: 70158006

PM: KMM

Due Date: 01/12/21

CLIENT: FAIR

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

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091

Correction Factor: -0.2

Temperature Blank Present: ☐ Yes ☒ No

Type of Ice: Wet Blue None

Cooler Temperature(°C): 3.0

Cooler Temperature Corrected(°C): 2.8

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: CH 12/31/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No		6.
Rush Turn Around Time Requested:	☐ Yes	☒ No		7.
Sufficient Volume: (Triple volume provided for)	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		10.
Containers Intact:	☒ Yes	☐ No		11.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☒ N/A	Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID, Matrix: SL WT OIL				
All containers needing preservation have been checked?	☒ Yes	☐ No	☐ N/A	13.
pH paper Lot # HC904495				☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with method recommendation?				Sample #
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☒ Yes	☐ No	☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).				Initial when completed:
Per Method, VOA pH is checked after analysis				Lot # of added preservative:
Samples checked for dechlorination:	☐ Yes	☐ No	☒ N/A	Date/Time preservative added:
KI starch test strips Lot #				
Residual chlorine strips Lot #				14.
SM 4500 CN samples checked for sulfide?	☐ Yes	☐ No	☒ N/A	Positive for Res. Chlorine? Y N
Lead Acetate Strips Lot #				15.
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No	☐ N/A	16.
Trip Blank Present:	☐ Yes	☐ No	☒ N/A	17.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution: