



VIA ELECTRONIC MAIL

August 5, 2021

Richelle Hanson, Project Manager
Voluntary Cleanup Program
Maryland Department of the Environment
Land and Materials Administration
1800 Washington Blvd., Suite 625
Baltimore, Maryland 21230

**Subject: Quarterly Status Report No. 19 - Offsite Area
Former Kop-Flex Facility Site, Hanover, Maryland**

Dear Richelle:

On behalf of EMERSUB 16 LLC, a subsidiary of Emerson Electric Co., WSP USA Inc. (WSP) is submitting this quarterly status report describing the investigation and remediation activities conducted in the Second Quarter of 2021 in the offsite portion of the Former Kop-Flex Facility Site (Site) in Hanover, Maryland. In addition to this electronic version, a hard copy of the status report is being submitted to the Maryland Department of Environment (MDE) under separate cover. Overall, information presented on the hydrogeologic conditions and water quality for the impacted portion of the aquifer system offsite area are consistent with previously collected data.

If you have any questions, please do not hesitate to contact us at 703-709-6500.

Kind regards,

Robert E. Johnson
Director, Geological Sciences

REJ:rl0
K:\Emerson\Kop-Flex_Reports_Progress Reports\MDE Reports\2021\3 - 2nd Q 2021

Encl.

cc: Mr. John Hopkins, U.S. Environmental Protection Agency (EPA), Region III
Mr. Stephen Clarke, Emerson Electric Co.
Sheila Harvey, Esquire, Pillsbury Winthrop Shaw Pittman

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QUARTERLY STATUS REPORT NO. 19 – OFFSITE AREA
FORMER KOP-FLEX FACILITY SITE
April 2021 Through June 2021

Site Name: Former Kop-Flex Facility
Site Address: 7565 Harmans Road
Hanover, Maryland 21076

Consultant: WSP USA Inc.
Address: 13530 Dulles Technology Drive, Suite 300
Herndon, Virginia 20171
Phone No.: (703) 709-6500

Project Coordinator: Eric Johnson, WSP USA
Alternate: Lisa Kelly, WSP USA

1.0 OFFSITE ACTIVITIES CONDUCTED DURING APRIL 2021 THROUGH JUNE 2021

- All offsite monitoring wells screened in the deep confined zone of the Lower Patapsco aquifer and underlying Patuxent aquifer were sampled on May 9 and 10, 2021 using a disposable passive sampling device (HydraSleeve™) that had been deployed following the sampling of each well in November 2020. At each well location, the Hydrasleeve™ sampler was carefully removed and the groundwater sample immediately collected in the appropriate lab-supplied containers. The sample retrieval depths for each well were consistent with those from previous monitoring events and are provided below.
- As part of the sampling event, WSP measured the depth to water in all monitoring wells. Depth to water measurements for the deep monitoring wells are provided in the table below. Historical water level measurements are provided in Table 1.

| WELL ID | HYDROLOGIC UNIT | DEPTH TO WATER (FT BGS) | WELL DEPTH (FT BGS) | WELL SCREEN INTERVAL (FT BGS) | SAMPLE INTERVAL (FT BGS) |
|------------|-------------------------|-------------------------|---------------------|-------------------------------|--------------------------|
| MW-24D | Confined Lower Patapsco | 50.01 | 128 | 118 – 128 | 122 – 124.5 |
| MW-25D-130 | Confined Lower Patapsco | 56.11 | 130 | 120 – 130 | 125 – 127.5 |
| MW-25D-192 | Confined Lower Patapsco | 55.32 | 192 | 182 – 192 | 185 – 187.5 |
| MW-28D | Confined Lower Patapsco | 86.34 | 210 | 200 – 210 | 205 – 207.5 |
| MW-29D | Confined Lower Patapsco | 62.15 | 151 | 141 – 151 | 146 – 148.5 |
| MW-30D-273 | Confined Lower Patapsco | 94.95 | 273 | 263 – 273 | 267 – 269.5 |
| MW-30D-413 | Patuxent | 134.60 | 413 | 403 – 413 | 407 – 409.5 |



| WELL ID | HYDROLOGIC UNIT | DEPTH TO WATER (FT BGS) | WELL DEPTH (FT BGS) | WELL SCREEN INTERVAL (FT BGS) | SAMPLE INTERVAL (FT BGS) |
|------------|-------------------------|-------------------------|---------------------|-------------------------------|--------------------------|
| MW-31D | Confined Lower Patapsco | 104.32 | 280 | 270 – 280 | 275 – 277.5 |
| MW-32D | Confined Lower Patapsco | 95.58 | 236 | 226 – 236 | 233 – 235.5 |
| MW-33D-235 | Confined Lower Patapsco | 121.30 | 235 | 225 – 235 | 230 – 232.5 |
| MW-33D-295 | Confined Lower Patapsco | 121.08 | 295 | 285 – 295 | 290 – 292.5 |
| MW-34D | Confined Lower Patapsco | 129.41 | 385 | 375 – 385 | 379 – 381.5 |
| MW-35D | Confined Lower Patapsco | 121.20 | 298 | 288 – 298 | 293 – 295.5 |
| MW-36D | Patuxent | 137.95 | 360 | 350 – 360 | 357 – 359.5 |
| MW-46D | Confined Lower Patapsco | 35.95 | 90 | 80 – 90 | 84 – 86.5 |

FT BGS = feet below ground surface

- A potentiometric surface contour map for the deep confined zone of the Lower Patapsco aquifer is shown in Figure 1 using the water level data obtained during the May 2021 sampling activities. The general direction of groundwater flow in this portion of the Lower Patapsco aquifer is to the south-southeast in the offsite area south of Maryland Route 100, which is consistent with determinations from previous monitoring events. As indicated by the onsite water level data, the groundwater flow direction in the deep confined zone of the Lower Patapsco aquifer differs from the direction of flow in the shallow zone of this aquifer, which is generally to the north.
- The analytical results for samples collected from the offsite monitoring wells in May 2021 are summarized in Table 2. A copy of the certified laboratory analytical report for these samples is provided in Enclosure A. Historical groundwater sampling data for the offsite monitoring wells can be found in Table 3. Concentrations of the primary site-related constituents of concern (COCs) in the May 2021 samples are shown on Figure 2.

Overall, the analytical data indicates the presence of site-related constituents just over one mile hydraulically downgradient (south-southeast) of the former Kop-Flex property in the deep, confined zone of the Lower Patapsco Aquifer. Site-related COCs were also detected in the sample from this portion of the Lower Patapsco aquifer obtained from well MW-46D on the Verizon property, which is located to the north of the former Kop-Flex facility. The presence of detectable COC levels is related to the close proximity of the Verizon property to the Site. This total COC concentration in the May 2021 sample (250.3 µg/l) is greater than the November 2020 sample (178.6 µg/l) largely due to a noticeably higher 1,4-dioxane level. The concentrations of 1,1-dichloroethene (DCE); 1,1-dichloroethane (DCA); and 1,4-dioxane exceeded their respective comparative groundwater quality criteria in the MW-46D sample (Table 2).

In the offsite area to the immediate south, the sample from monitoring well MW-24D on the adjoining Williams-Scotsman property had the highest concentration of site-related COCs (1,255.2 µg/l). This total COC concentration is higher than the levels for both the May 2020 (573 µg/l) and November 2020 (794.2 µg/l) sampling events. Further downgradient, a total concentration of site-related COCs of 87.1 µg/l was detected in the MW-25D-130 sample, which is



greater than the concentrations in the sample from the deeper well MW-25D-192 at this location (60.5 µg/l). The concentrations of site-related COCs, particularly 1,1-DCE; 1,1-DCA; and 1,4-dioxane, in the MW-25D-130 appear to be stabilizing or continuing the decreasing trend noted during the past several years of sampling. In fact, the concentration of 1,1-DCA (3.0 µg/l), was just slightly above the comparative standard of 2.8 µg/l. The results for MW-25D-192 showed a noticeable reduction in COC concentrations compared to the concentrations in recent well samples which have been generally consistent from 2018 to 2020. Even though the total concentrations of site-related COCs decreased in the May 2021 samples from MW-25D-130 and MW-25D-192 compared to the November 2020 results, the concentrations of 1,1-DCE, 1,1-DCA, and 1,4-dioxane were still above their respective comparative groundwater quality criteria.

The majority of the sampling data for the deep, confined Lower Patapsco monitoring wells located further downgradient indicated non-detect to very low concentrations of site-related COCs (Figure 2). The most obvious exception is the sample from the well screened from 263-273 ft BGS at the MW-30D location, which is screened along the presumed center-line of the VOC plume. The groundwater sample from this well (MW-30D-273) had concentrations of 1,1-DCE (36.9 µg/l) and 1,4-dioxane (18.2 µg/l) above their respective groundwater quality criteria, and very similar to the results from the last round of sampling at this well in November 2020 (39.5 µg/l and 19.5 µg/l, respectively). In addition, the concentrations of 1,1-DCE in MW-28D sample (10 µg/l) and 1,4-dioxane in the sample from the deeper well at MW-33D location (5.6 µg/l) slightly exceeded their respective comparative criteria. The concentration of 1,4-dioxane in MW-33D is consistent with previous events. However, the 1,1 DCE concentration in MW-28D has not been at or above 10 µg/l since September 2016.

The sample results for the remaining offsite wells screened in the deep zone of the Lower Patapsco aquifer (MW-29D, MW-31D, MW-32D, MW-34D and MW-35D) were non-detect for all site-related COCs. These monitoring wells are used to delineate the width and downgradient extent of the COC plume in the deep zone of the Lower Patapsco aquifer.

Monitoring well MW-36 and the deeper well at the MW-30D location (413-foot BGS) are screened in the Patuxent aquifer, which underlies the Lower Patapsco. Consistent with previous sampling events, no site-related COCs were detected in the samples from these wells, indicating constituents have not migrated downward through the Arundel Clay confining unit that hydraulically separates the Lower Patapsco and Patuxent aquifers.

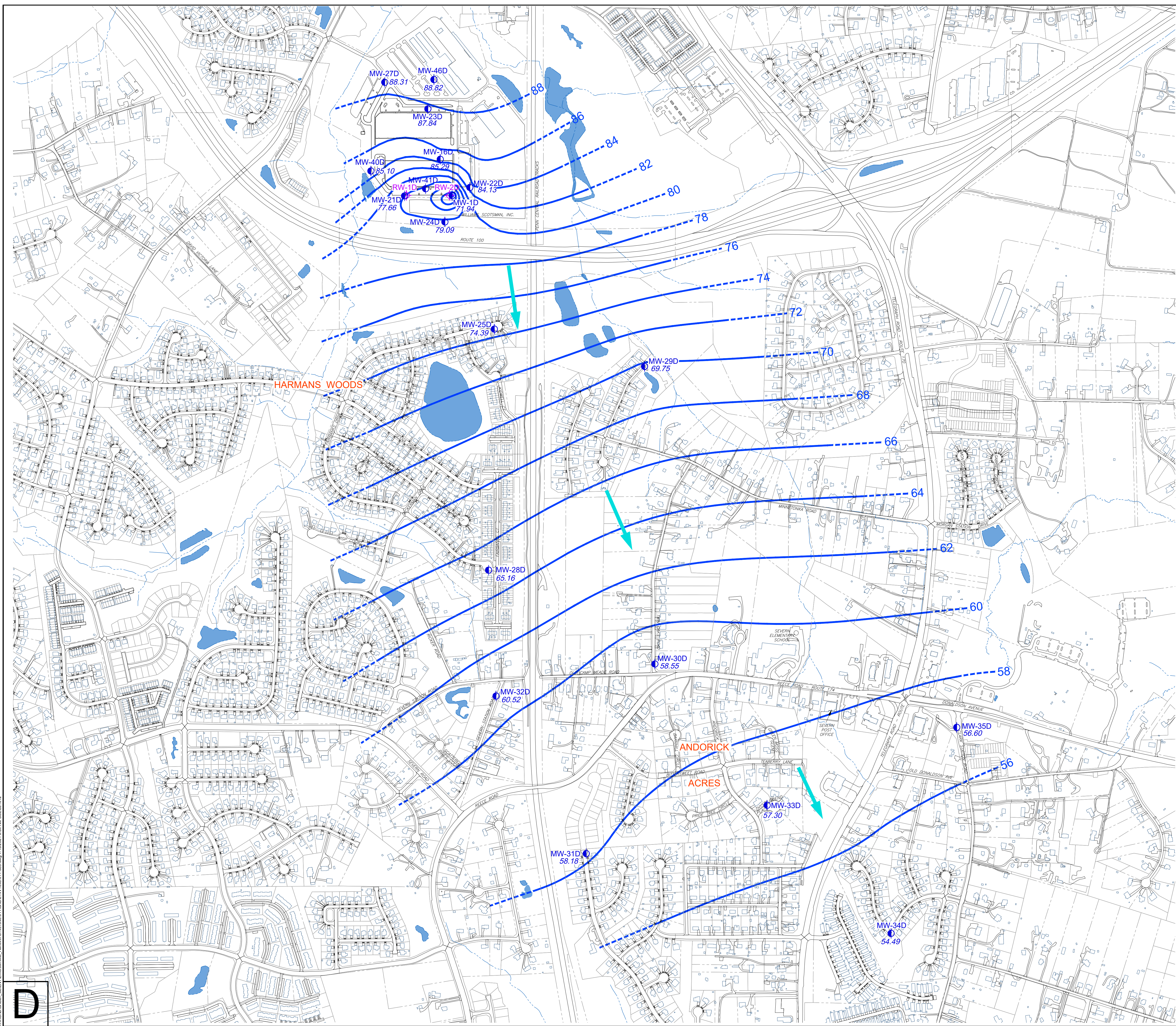
2.0 PLANNED OFFSITE ACTIVITIES FOR NEXT REPORTING PERIOD (JULY 2021 THROUGH SEPTEMBER 2021)

No activities are planned for the 3rd Quarter 2021 reporting period. Pursuant to the approved Offsite Groundwater Monitoring Plan (dated September 15, 2015), groundwater monitoring is currently conducted on a semi-annual schedule. Therefore, the next groundwater monitoring event for the offsite well network will be performed during the fall (November) of 2021.

3.0 KEY PERSONNEL/FACILITY CHANGES

There were no changes to either key project personnel or conditions relevant to the performance of the ongoing work at the offsite area.

FIGURES



- LEGEND**
- PROPERTY LINE
 - STREAM
 - WATER BODY
 - MONITORING WELL
 - ◆ RECOVERY WELL
 - 72.18 GROUNDWATER SURFACE ELEVATION (FEET MSL)
 - GROUNDWATER SURFACE CONTOUR (DASHED WHERE INFERRED)
 - INFERRED GROUNDWATER FLOW DIRECTION

NOTE:
 FIGURE DEPICTS THE POTENTIOMETRIC SURFACE IN THE DEEP (CONFINED) ZONE OF THE LOWER PATAPSCO AQUIFER.

| REVISIONS | |
|-----------|-------------|
| REV | DESCRIPTION |
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| | |

| DRAWN BY | ECC | SEAL |
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| CHECKED | | |
| APPROVED | | |

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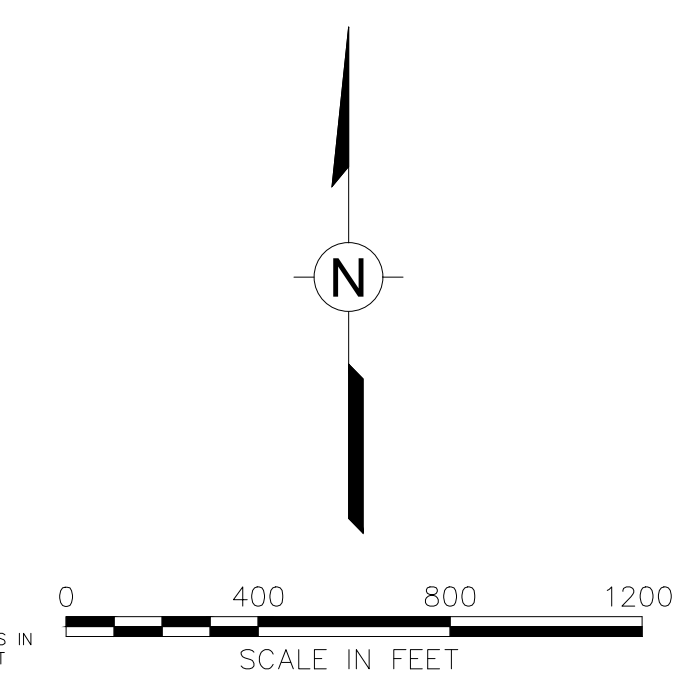
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POTENTIOMETRIC SURFACE CONTOUR MAP DEEP CONFINED PORTION OF THE LOWER PATAPSCO AQUIFER
 MAY 2021
 FORMER KOP-FLEX FACILITY SITE
 HANOVER, MARYLAND
 PREPARED FOR
 EMERSUB 16 LLC
 ST. LOUIS, MISSOURI



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FIGURE 1
 Drawing Number
314V1545.011-083

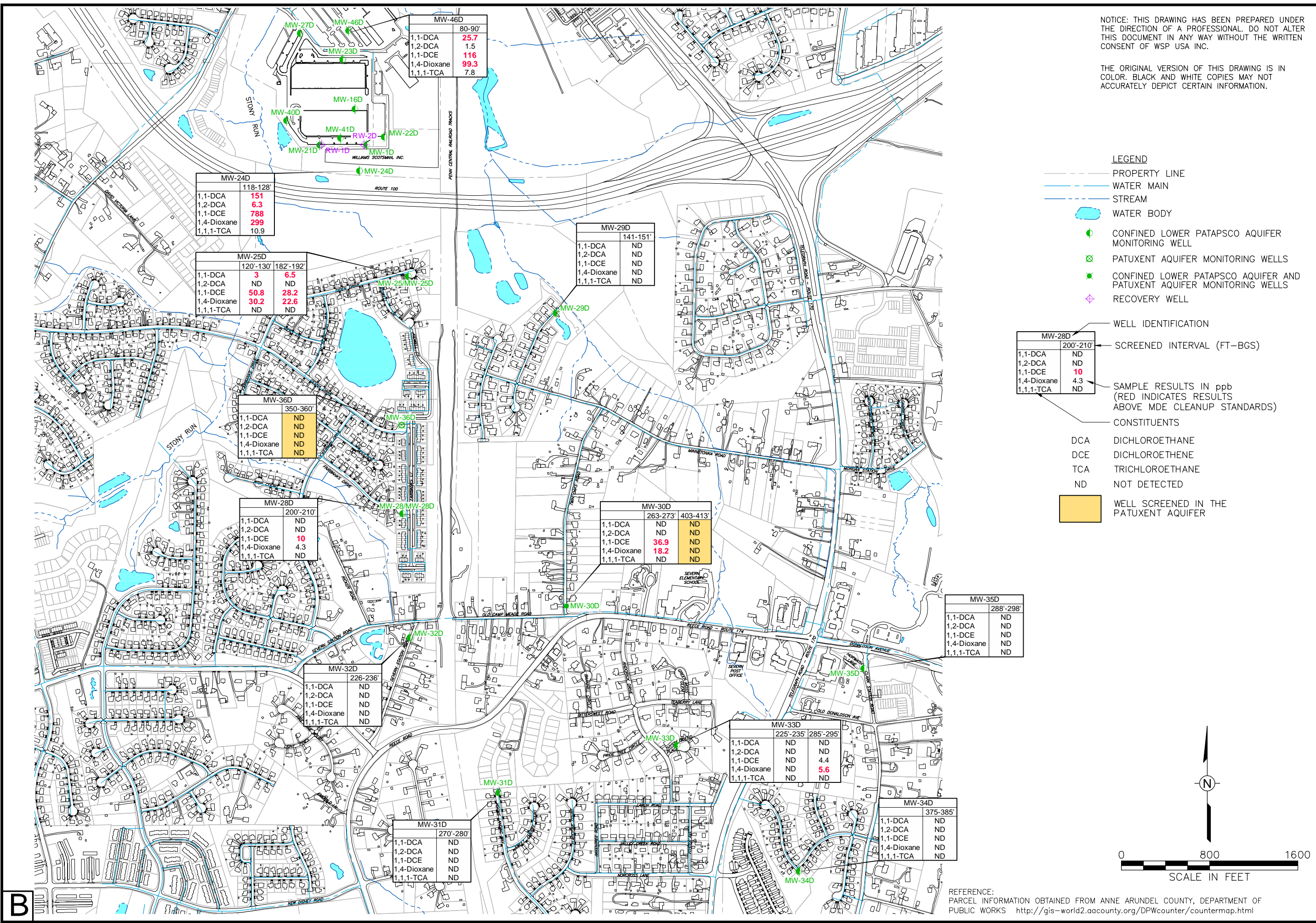


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LEGEND

- PROPERTY LINE
- WATER MAIN
- STREAM
- WATER BODY
- CONFINED LOWER PATAPSCO AQUIFER MONITORING WELL
- PATUXENT AQUIFER MONITORING WELLS
- CONFINED LOWER PATAPSCO AQUIFER AND PATUXENT AQUIFER MONITORING WELLS
- RECOVERY WELL

WELL IDENTIFICATION

SCREENED INTERVAL (FT-BGS)

SAMPLE RESULTS IN ppb (RED INDICATES RESULTS ABOVE MDE CLEANUP STANDARDS)

CONSTITUENTS

- DCA DICHOROETHANE
- DCE DICHOROETHENE
- TCA TRICHLOROETHANE
- ND NOT DETECTED

WELL SCREENED IN THE PATUXENT AQUIFER

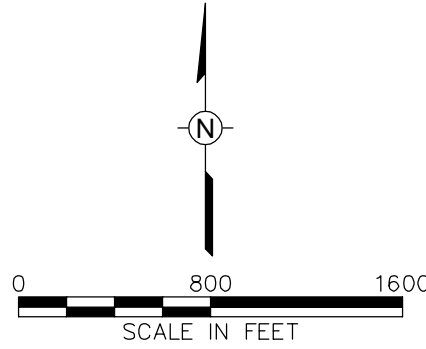
Drawn By: EGC
 Checked: CC 6/14/2021
 Approved: RY
 DWG Name: 314V1545.011-084

FORMER KOP-FLEX FACILITY
 HANOVER, MARYLAND
 PREPARED FOR
 EMERSUB 16 LLC
 ST. LOUIS, MISSOURI

Figure 2
 GROUNDWATER MONITORING RESULTS
 LOWER PATAPSCO AQUIFER AND PATUXENT AQUIFER
 OFFSITE MONITORING WELLS - MAY 2021

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REFERENCE:
 PARCEL INFORMATION OBTAINED FROM ANNE ARUNDEL COUNTY, DEPARTMENT OF PUBLIC WORKS <http://gis-world2.aacounty.org/DPWcounter/countermap.html>



TABLES

Table 1

**Historical Groundwater Elevations (2015 through 2021)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland**

| Well ID | Aquifer/Zone | TOC elevation | 3/17/2015 | | 6/15/2015 | | 9/21/2015 | | 1/4/2016 | | 3/21/2016 | | 12/7/2016 | |
|------------|----------------|---------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|
| | | | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation |
| MW-25S * | Unconfined LPA | 130.6 | 12.84 | 117.76 | 12.46 | 118.14 | 14.33 | 116.27 | 13.48 | 117.12 | 12.75 | 117.85 | 14.61 | 115.99 |
| MW-28S * | Unconfined LPA | 150.5 | 25.56 | 124.94 | 25.24 | 125.26 | 25.88 | 124.62 | 25.35 | 125.15 | 25.34 | 125.16 | 26.8 | 123.70 |
| MW-45 | Unconfined LPA | 126.7 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-24D | Confined LPA | 129.1 | 50.9 | 78.20 | 49.29 | 79.81 | NM | - | NM | - | 44.38 | 84.72 | 46.3 | 82.80 |
| MW-25-130 | Confined LPA | 130.5 | 58.7 | 71.80 | 57.59 | 72.91 | 58.26 | 72.24 | 53.95 | 76.55 | 51.01 | 79.49 | 50.27 | 80.23 |
| MW-25-192 | Confined LPA | 130.5 | 59.99 | 70.51 | 56.4 | 74.10 | 57.23 | 73.27 | 53.05 | 77.45 | 50.27 | 80.23 | 52.4 | 78.10 |
| MW-28D | Confined LPA | 150.5 | 93.06 | 57.44 | 89.36 | 61.14 | 90.34 | 60.16 | 84.62 | 65.88 | 80.72 | 69.78 | 83.35 | 67.15 |
| MW-29D | Confined LPA | 131.9 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-30D-273 | Confined LPA | 153.5 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-31D | Confined LPA | 162.5 | 114.02 | 48.48 | 108.58 | 53.92 | 109.51 | 52.99 | 102.44 | 60.06 | 98.41 | 64.09 | 114.20 | 48.30 |
| MW-32D | Confined LPA | 156.1 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-33D-235 | Confined LPA | 178.6 | 131.83 | 46.77 | 125.66 | 52.94 | 127.11 | 51.49 | 119.14 | 59.46 | 115.25 | 63.35 | 114.2 | 64.40 |
| MW-33D-295 | Confined LPA | 178.3 | 131.52 | 46.78 | 125.42 | 52.88 | 126.91 | 51.39 | 118.90 | 59.40 | 114.96 | 63.34 | 131.50 | 46.80 |
| MW-34D | Confined LPA | 183.9 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-35D | Confined LPA | 177.8 | 132.01 | 45.79 | 126.28 | 51.52 | 127.89 | 49.91 | 118.96 | 58.84 | 114.34 | 63.46 | 131.91 | 45.89 |
| MW-46D | Confined LPA | 124.8 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-30D-413 | Patuxent | 153.1 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-36D | Patuxent | 158.7 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |

Notes:

LPA = Lower Patapsco Aquifer

NM = Not Measured

TOC = Top of Casing

* Well abandoned in August 2019

Table 1

Historical Groundwater Elevations (2015 through 2021)
 Offsite Monitoring Wells
 Former Kop-Flex Facility Site
 Hanover, Maryland

| Well ID | Aquifer/Zone | TOC elevation | 5/1/2017 | | 8/31/2017 | | 11/14/2017 | | 2/13/2018 | | 5/31/2018 | | 8/23/2018 | | 11/8/2018 | |
|------------|----------------|---------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|
| | | | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation |
| MW-25S * | Unconfined LPA | 130.6 | 14.02 | 116.58 | 14.09 | 116.51 | 14.6 | 116.00 | 14.56 | 116.04 | 13.10 | 117.50 | NM | - | 11.84 | 118.76 |
| MW-28S * | Unconfined LPA | 150.5 | 27.4 | 123.10 | 27.2 | 123.30 | 27.22 | 123.28 | 27.48 | 123.02 | 27.42 | 123.08 | NM | - | 24.33 | 126.17 |
| MW-45 | Unconfined LPA | 126.7 | 13.67 | 113.05 | NM | - | NM | - | NM | - | 12.98 | 113.74 | NM | - | NM | - |
| MW-24D | Confined LPA | 129.1 | 48.35 | 80.75 | 48.35 | 80.75 | 51.99 | 77.11 | NM | - | 50.94 | 78.16 | NM | - | NM | - |
| MW-25-130 | Confined LPA | 130.5 | 53.80 | 76.70 | 61.38 | 69.12 | 58.46 | 72.04 | 58.31 | 72.19 | 58.23 | 72.27 | 59.53 | 70.97 | 58.75 | 71.75 |
| MW-25-192 | Confined LPA | 130.5 | 53.11 | 77.39 | 60.36 | 70.14 | 58.71 | 71.79 | 57.49 | 73.01 | 57.40 | 73.10 | 58.69 | 71.81 | 57.63 | 72.87 |
| MW-28D | Confined LPA | 150.5 | 82.72 | 67.78 | 94.55 | 55.95 | 89.03 | 61.47 | 67.37 | 83.13 | 88.75 | 61.75 | 90.98 | 59.52 | 88.30 | 62.20 |
| MW-29D | Confined LPA | 131.9 | NM | - | NM | - | NM | - | NM | - | 64.94 | 66.98 | 66.56 | 65.36 | 65.03 | 66.89 |
| MW-30D-273 | Confined LPA | 153.5 | NM | - | NM | - | NM | - | NM | - | 98.66 | 54.88 | 100.70 | 52.84 | 98.14 | 55.40 |
| MW-31D | Confined LPA | 162.5 | 100.24 | 62.26 | 115.67 | 46.83 | 107.21 | 55.29 | 106.29 | 56.21 | 106.80 | 55.70 | 109.95 | 52.55 | 106.27 | 56.23 |
| MW-32D | Confined LPA | 156.1 | NM | - | NM | - | NM | - | NM | - | 97.90 | 58.24 | 100.65 | 55.49 | 98.97 | 57.17 |
| MW-33D-235 | Confined LPA | 178.6 | 117.26 | 61.34 | 133.39 | 45.21 | 124.55 | 54.05 | 123.79 | 54.81 | 124.00 | 54.60 | 127.52 | 51.08 | 125.14 | 53.46 |
| MW-33D-295 | Confined LPA | 178.3 | 117.03 | 61.27 | 133.14 | 45.16 | 124.36 | 53.94 | 123.60 | 54.70 | 123.83 | 54.47 | 127.34 | 50.96 | 125.69 | 52.61 |
| MW-34D | Confined LPA | 183.9 | NM | - | NM | - | NM | - | NM | - | 132.70 | 51.21 | 136.42 | 47.49 | 131.76 | 52.15 |
| MW-35D | Confined LPA | 177.8 | 117.28 | 60.52 | 133.55 | 44.25 | 125.59 | 52.21 | 124.02 | 53.78 | 124.27 | 53.53 | 128.19 | 49.61 | 123.64 | 54.16 |
| MW-46D | Confined LPA | 124.8 | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - | NM | - |
| MW-30D-413 | Patuxent | 153.1 | NM | - | NM | - | NM | - | NM | - | 138.10 | 15.03 | 143.75 | 9.38 | 140.62 | 12.51 |
| MW-36D | Patuxent | 158.7 | NM | - | NM | - | NM | - | NM | - | 141.75 | 16.96 | 146.32 | 12.39 | 143.85 | 14.86 |

Notes:

LPA = Lower Patapsco Aquifer

NM = Not Measured

TOC = Top of Casing

* Well abandoned in August 2019

Table 1

**Historical Groundwater Elevations (2015 through 2021)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland**

| Well ID | Aquifer/Zone | TOC elevation | 2/19/2019 | | 5/22/2019 | | 8/6/2019 | | 11/20/2019 | | 2/12/2020 | |
|------------|----------------|---------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|
| | | | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation |
| MW-25S * | Unconfined LPA | 130.6 | 11.75 | 118.85 | NM | - | NM | - | NM | - | NM | - |
| MW-28S * | Unconfined LPA | 150.5 | 23.30 | 127.20 | NM | - | NM | - | NM | - | NM | - |
| MW-45 | Unconfined LPA | 126.7 | 11.98 | 114.74 | 11.75 | 114.97 | NM | - | 14.55 | 112.17 | NM | - |
| MW-24D | Confined LPA | 129.1 | 48.92 | 80.18 | 49.67 | 79.43 | 52.37 | 76.73 | 51.12 | 77.98 | 50.10 | 79.00 |
| MW-25-130 | Confined LPA | 130.5 | 54.96 | 75.54 | 56.23 | 74.27 | 60.79 | 69.71 | 59.94 | 70.56 | 55.55 | 74.95 |
| MW-25-192 | Confined LPA | 130.5 | 54.20 | 76.30 | 55.45 | 75.05 | 60.37 | 70.13 | 59.02 | 71.48 | 54.70 | 75.80 |
| MW-28D | Confined LPA | 150.5 | 84.78 | 65.72 | 86.96 | 63.54 | 94.24 | 56.26 | 91.37 | 59.13 | 85.00 | 65.50 |
| MW-29D | Confined LPA | 131.9 | 60.64 | 71.28 | 62.36 | 69.56 | 67.20 | 64.72 | 67.10 | 64.82 | 61.28 | 70.64 |
| MW-30D-273 | Confined LPA | 153.5 | 93.10 | 60.44 | 95.74 | 57.80 | 104.75 | 48.79 | 101.12 | 52.42 | 93.29 | 60.25 |
| MW-31D | Confined LPA | 162.5 | 102.47 | 60.03 | 104.91 | 57.59 | 113.35 | 49.15 | 110.14 | 52.36 | 102.73 | 59.77 |
| MW-32D | Confined LPA | 156.1 | 93.79 | 62.35 | 97.02 | 59.12 | 99.43 | 56.71 | 101.56 | 54.58 | 92.35 | 63.79 |
| MW-33D-235 | Confined LPA | 178.6 | 119.35 | 59.25 | 121.72 | 56.88 | 132.76 | 45.84 | 127.87 | 50.73 | 119.72 | 58.88 |
| MW-33D-295 | Confined LPA | 178.3 | 119.10 | 59.20 | NM | NA | 131.14 | 47.16 | 127.65 | 50.65 | 119.54 | 58.76 |
| MW-34D | Confined LPA | 183.9 | 127.40 | 56.51 | 129.93 | 53.98 | 141.48 | 42.43 | 136.62 | 47.29 | 127.75 | 56.16 |
| MW-35D | Confined LPA | 177.8 | 119.18 | 58.62 | 121.65 | 56.15 | 127.51 | 50.29 | 129.89 | 47.91 | 119.68 | 58.12 |
| MW-46D | Confined LPA | 124.8 | NM | - | 35.47 | 89.30 | 38.40 | 86.37 | 37.90 | 86.87 | 36.13 | 88.64 |
| MW-30D-413 | Patuxent | 153.1 | 130.73 | 22.40 | 137.25 | 15.88 | 145.27 | 7.86 | 143.64 | 9.49 | 128.12 | 25.01 |
| MW-36D | Patuxent | 158.7 | 134.83 | 23.88 | 141.30 | 17.41 | 147.65 | 11.06 | 146.75 | 11.96 | 132.11 | 26.60 |

Notes:

LPA = Lower Patapsco Aquifer

NM = Not Measured

TOC = Top of Casing

* Well abandoned in August 2019

Table 1

Historical Groundwater Elevations (2015 through 2021)
 Offsite Monitoring Wells
 Former Kop-Flex Facility Site
 Hanover, Maryland

| Well ID | Aquifer/Zone | TOC elevation | 5/14/2020 | | 11/23/2020 | | 5/10/2021 | |
|------------|----------------|---------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|
| | | | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation | Depth to Water | Groundwater Elevation |
| MW-25S * | Unconfined LPA | 130.6 | NM | - | NM | - | NM | - |
| MW-28S * | Unconfined LPA | 150.5 | NM | - | NM | - | NM | - |
| MW-45 | Unconfined LPA | 126.7 | NM | - | NM | - | 12.69 | 114.03 |
| MW-24D | Confined LPA | 129.1 | 48.80 | 80.30 | 53.02 | 76.08 | 50.01 | 79.09 |
| MW-25-130 | Confined LPA | 130.5 | 54.95 | 75.55 | 60.50 | 70.00 | 56.11 | 74.39 |
| MW-25-192 | Confined LPA | 130.5 | 54.23 | 76.27 | 59.50 | 71.00 | 55.32 | 75.18 |
| MW-28D | Confined LPA | 150.5 | 84.36 | 66.14 | 92.87 | 57.63 | 86.34 | 64.16 |
| MW-29D | Confined LPA | 131.9 | 60.61 | 71.31 | 67.75 | 64.17 | 62.15 | 69.77 |
| MW-30D-273 | Confined LPA | 153.5 | 92.60 | 60.94 | 103.09 | 50.45 | 94.95 | 58.59 |
| MW-31D | Confined LPA | 162.5 | NM | - | 113.30 | 49.20 | 104.32 | 58.18 |
| MW-32D | Confined LPA | 156.1 | 94.31 | 61.83 | 103.76 | 52.38 | 95.58 | 60.56 |
| MW-33D-235 | Confined LPA | 178.6 | 119.10 | 59.50 | NM | - | 121.30 | 57.30 |
| MW-33D-295 | Confined LPA | 178.3 | 118.84 | 59.46 | 130.21 | 48.09 | 121.08 | 57.22 |
| MW-34D | Confined LPA | 183.9 | 127.01 | 56.90 | 139.08 | 44.83 | 129.41 | 54.50 |
| MW-35D | Confined LPA | 177.8 | 119.06 | 58.74 | 129.67 | 48.13 | 121.20 | 56.60 |
| MW-46D | Confined LPA | 124.8 | 35.73 | 89.04 | 37.72 | 87.05 | 35.95 | 88.82 |
| MW-30D-413 | Patuxent | 153.1 | 127.25 | 25.88 | 142.22 | 10.91 | 134.60 | 18.53 |
| MW-36D | Patuxent | 158.7 | 131.08 | 27.63 | 145.25 | 13.46 | 137.95 | 20.76 |

Notes:

LPA = Lower Patapsco Aquifer

NM = Not Measured

TOC = Top of Casing

* Well abandoned in August 2019

Table 2

Offsite Monitoring Well Sample Results
Former Kop-Flex Facility Site
Hanover, Maryland
May 2021

| Parameters (a) | Groundwater Quality Standards (µg/L) (b) | Well ID: Sampling Date: | CONFINED LOWER PATAPSCO AQUIFER | | | | | | | | |
|-----------------------|--|-------------------------|---------------------------------|-------------------------|-------------------------|------------------------------|---------------------|---------------------|-------------------------|---------------------|---------------------|
| | | | MW-24D 10-May-21 | MW-25D-130 10-May-21 | MW-25D-192 10-May-21 | DUP 20210510(d) 10-May-21 | MW-28D 10-May-21 | MW-29D 10-May-21 | MW-30D-273 10-May-21 | MW-31D 10-May-21 | MW-32D 10-May-21 |
| 1,1-Dichloroethane | 2.8 | | 151 | 3.0 | 6.5 | 3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dichloroethane | 5 | | 6.3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,1-Dichloroethene | 7 | | 788 | 51 | 28.2 | 49.2 | 10.0 | 1.0 U | 36.9 | 1.0 U | 1.0 U |
| 1,4-Dioxane | 4.6 (c) | | 299 | 30.2 | 22.6 | 28.3 | 4.3 | 2.0 U | 18.2 | 2.0 U | 2.0 U |
| 1,1,1-Trichloroethane | 200 | | 10.9 | 3.1 | 3.2 | 2.9 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| | Total CVOCs & 1,4-Dioxane | - | 1,255.2 | 87.1 | 60.5 | 80.5 | 14.3 | --- | 55.1 | --- | --- |

a/ U = not detected above the method detection limit; CVOC = chlorinated volatile organic compound.

Bolded values indicate an exceedence of the Groundwater Quality Standards

All sample concentrations in micrograms per liter (µg/l)

b/ Source:

[http://www.mde.maryland.gov/assets/document/Final%20Update%20No%202.1%20dated%205-20-08\(1\).pdf](http://www.mde.maryland.gov/assets/document/Final%20Update%20No%202.1%20dated%205-20-08(1).pdf)

c/ Value represents the MDE risk-based action level.

d/ Field duplicate of sample from well MW-25-192.

Table 2

Offsite Monitoring Well Sample Results
Former Kop-Flex Facility Site
Hanover, Maryland
May 2021

| Parameters (a) | Groundwater Quality Standards (µg/L) (b) | Well ID: Sampling Date: | CONFINED LOWER PATAPSCO AQUIFER | | | | | PATUXENT AQUIFER | |
|-----------------------|--|-------------------------|---------------------------------|-------------------------|---------------------|---------------------|--------------------|-------------------------|---------------------|
| | | | MW-33D-235 10-May-21 | MW-33D-295 10-May-21 | MW-34D 10-May-21 | MW-35D 10-May-21 | MW-46D 9-May-21 | MW-30D-413 10-May-21 | MW-36D 10-May-21 |
| 1,1-Dichloroethane | 2.8 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 25.7 | 1.0 U | 1.0 U |
| 1,2-Dichloroethane | 5 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.5 | 1.0 U | 1.0 U |
| 1,1-Dichloroethene | 7 | | 1.0 U | 4.4 | 1.0 U | 1.0 U | 116 | 1.0 U | 1.0 U |
| 1,4-Dioxane | 4.6 (c) | | 2.0 U | 5.6 | 2.0 U | 2.0 U | 99.3 | 2.0 U | 2.0 U |
| 1,1,1-Trichloroethane | 200 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 7.8 | 1.0 U | 1.0 U |
| | Total CVOCs & 1,4-Dioxane | | --- | 10.0 | --- | --- | 250.3 | --- | --- |

a/ U = not detected above the method detection limit; CVOC = chlorinated volatile organic compound.

Bolded values indicate an exceedence of the Groundwater Quality Standards

All sample concentrations in micrograms per liter (µg/l)

b/ Source:

[http://www.mde.maryland.gov/assets/document/Final%20Update%20No%202021%20dated%205-20-08\(1\).pdf](http://www.mde.maryland.gov/assets/document/Final%20Update%20No%202021%20dated%205-20-08(1).pdf)

c/ Value represents the MDE risk-based action level.

d/ Field duplicate of sample from well MW-25-192.

Table 3

Historical Offsite Groundwater Sampling Results (2015 to Present)
Former Kop-Flex Facility Site
Hanover, Maryland

| Well ID | | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,4-Dioxane | Methylene Chloride | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene |
|--|------------|--------------------|--------------------|--------------------|------------------------|-------------|--------------------|-----------------------|-----------------------|-----------------|
| Groundwater Quality Standard (µg/L) | | 2.8 (1) | 5 | 7 | 70 | 4.6 | 5 | 200 | 5 | 5 |
| Sample Date | | | | | | | | | | |
| Unconfined Lower Patapsco Wells (b) | | | | | | | | | | |
| MW-25 (c) | 3/19/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/24/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/23/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 1/6/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 3/23/2016 | 1.0 U | 1.0 U | 1.5 | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 7/20/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/8/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 12/8/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/21/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 3.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/2/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/31/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/14/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 11.7 | 1.0 U | 1.0 U | 1.0 U |
| | 2/13/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/30/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| MW-28 (c) | 3/17/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/23/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/22/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 1/5/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 3/22/2016 | 1.0 U | 1.0 U | 6.2 | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 7/19/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/7/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 12/8/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/21/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/2/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/31/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/14/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/14/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/30/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| MW-45 | 3/24/2017 | 1.0 U | 1.9 | 1.0 U | 2.3 | 2.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/28/2018 | 1.0 U | 2.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 2.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 12/8/2020 | 1.0 U | 2.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Confined Lower Patapsco Wells | | | | | | | | | | |
| MW-24D | 3/22/2016 | 88.0 | 15.7 | 1,780 | 12.5 U | 561 | 39.4 | 38.6 | 12.5 U | 12.5 U |
| | 12/8/2016 | 36.1 | 5.2 | 701 | 5.0 U | 192 | 10.0 U | 9.0 | 5.0 U | 5.0 U |
| | 5/2/2017 | 40.4 | 5.6 | 830 | 5.0 U | 216 | 10.0 U | 10.2 | 5.0 U | 5.0 U |
| | 11/14/2017 | 28.1 | 3.4 | 803 | 2.3 | 212 | 11.7 | 10.5 | 0.5 J | 5.9 |
| | 5/30/2018 | 26.6 | 4.0 U | 529 | 4.0 U | 187 | 8.0 U | 5.5 | 4.0 U | 4.0 U |
| | 11/7/2018 | 29.8 | 5.0 U | 560 | 5.0 U | 2.0 U | 10.0 U | 5.0 U | 5.0 U | 5.0 U |
| | 5/22/2019 | 66.2 | 10.0 U | 1,190 | 10.0 U | 359 | 50.0 U | 18 | 10.0 U | 10.0 U |
| | 11/19/2019 | 54.5 | 6.6 | 868 | 5.0 U | 155 | 25.0 U | 10 | 5.0 U | 6.0 U |
| | 5/12/2020 | 25 | 3.3 | 402 | 5.0 U | 139 | 25.0 U | 3.7 | 5.0 U | 3.2 |
| | 11/23/2020 | 73.5 | 4.0 U | 505 | 4.0 U | 208 | 20.0 U | 4.4 | 4.0 U | 4.0 U |
| 5/10/2021 | 151.0 | 6.3 | 788 | 7.2 | 299 | 25.0 U | 10.9 | 5.0 U | 5.0 U | |
| MW-25D-130 | 3/19/2015 | 38.6 | 10.8 | 854 | 10.0 U | 446 | 200 U | 8,930 | 100 U | 100 U |
| | 6/24/2015 | 37.1 | 8.9 | 1,030 | 4.6 | 303 | 2.0 U | 46.3 | 1.2 | 6.8 |
| | 9/23/2015 | 29.7 | 10.0 U | 697 | 10.0 U | 295 | 20.0 U | 32.3 | 10.0 U | 14.2 |
| | 1/7/2016 | 33.4 | 9.7 | 800 | 5.0 U | 398 | 10.0 U | 5.0 U | 5.0 U | 6.1 |
| | 3/23/2016 | 24.5 | 8.0 | 676 | 5.0 U | 302 | 10.0 U | 26.2 | 5.0 U | 5.0 |
| | 7/19/2016 | 39.3 | 10.2 | 1,090 | 4.9 J | 367 | 14.3 J | 37.0 | 10.0 U | 6.5 J |
| | 9/9/2016 | 27.9 | 6.4 | 661 | 5.0 U | 241 | 12.0 | 25.0 | 5.0 U | 5.0 U |
| | 12/8/2016 | 6.7 | 1.5 | 171 | 1.0 U | 13.6 | 2.0 U | 6.9 | 1.0 U | 1.0 U |
| | 2/21/2017 | 7.2 | 1.7 | 194 | 1.0 U | 69.1 | 2.0 U | 7.0 | 1.0 U | 1.2 |
| | 5/2/2017 | 6.5 | 2.0 U | 174 | 2.0 U | 61.0 | 4.0 U | 5.0 | 2.0 U | 2.0 U |
| | 8/31/2017 | 7.4 | 1.7 | 193 | 2.0 U | 57.9 | 4.0 U | 6.9 | 2.0 U | 2.0 U |
| | 11/14/2017 | 5.1 | 1.3 | 151 | 0.57 J | 58.5 | 5.0 U | 6.4 | 1.0 U | 1.1 |
| | 2/13/2018 | 6.3 | 2.0 U | 154 | 2.0 U | 67.1 | 5.0 U | 6.4 | 1.0 U | 1.0 U |
| | 5/30/2018 | 5.0 | 1.4 | 144 | 2.0 U | 53.9 | 5.0 U | 5.3 | 1.0 U | 1.0 U |
| | 11/8/2018 | 4.4 | 1.1 | 109 | 2.0 U | 40.2 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 3.7 | 1.0 U | 96.2 | 1.0 U | 38.4 | 5.0 U | 4.2 | 1.0 U | 1.0 U |
| | 11/19/2019 | 2.7 | 1.0 U | 62.1 | 1.0 U | 31.0 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 3.3 | 1.0 U | 69.1 | 1.0 U | 32.6 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 3.3 | 1.0 U | 76.0 | 1.0 U | 32.4 | 5.0 U | 4.9 | 1.0 U | 1.0 U |
| | 5/10/2021 | 3.0 | 1.0 U | 50.8 | 1.0 U | 30.2 | 5.0 U | 3.1 | 1.0 U | 1.0 U |

Table 3

Historical Offsite Groundwater Sampling Results (2015 to Present)
Former Kop-Flex Facility Site
Hanover, Maryland

| Well ID | | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,4-Dioxane | Methylene Chloride | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene |
|------------|-------------------------------------|--------------------|--------------------|--------------------|------------------------|-------------|--------------------|-----------------------|-----------------------|-----------------|
| | Groundwater Quality Standard (µg/L) | 2.8 (1) | 5 | 7 | 70 | 4.6 | 5 | 200 | 5 | 5 |
| MW-25D-192 | 3/19/2015 | 11.7 | 1.0 U | 53.0 | 1.0 U | 49.4 | 2.0 U | 13.7 | 1.0 U | 1.0 U |
| | 6/25/2015 | 11.9 | 1.0 U | 59.4 | 1.0 U | 39.8 | 2.0 U | 14.2 | 1.0 U | 1.0 U |
| | 9/22/2015 | 13.9 | 1.0 U | 51.4 | 1.0 U | 45.0 | 2.0 U | 12.9 | 1.0 U | 1.3 |
| | 1/7/2016 | 11.7 | 1.0 U | 47.2 | 1.0 U | 41.7 | 2.0 U | 12.5 | 1.0 U | 1.0 U |
| | 3/23/2016 | 10.3 | 1.0 U | 43.3 | 1.0 U | 42.2 | 2.0 U | 11.3 | 1.0 U | 1.0 U |
| | 7/20/2016 | 11.7 | 0.73 J | 54.9 | 1.0 U | 54.4 | 2.0 U | 11.1 | 1.0 U | 1.0 U |
| | 9/8/2016 | 12.9 | 1.0 U | 56.8 | 1.0 U | 39.3 | 2.0 U | 12.6 | 1.0 U | 1.0 U |
| | 12/8/2016 | 16.1 | 1.0 U | 64.6 | 1.0 U | 51.3 | 2.0 U | 13.3 | 1.0 U | 1.0 U |
| | 2/21/2017 | 14.0 | 1.0 U | 63.3 | 1.0 U | 52.1 | 2.0 U | 11.6 | 1.0 U | 1.0 U |
| | 5/2/2017 | 16.9 | 1.0 U | 81.0 | 1.0 U | 53.1 | 2.0 U | 13.5 | 1.0 U | 1.0 U |
| | 8/31/2017 | 15.7 | 1.0 U | 62.5 | 1.0 U | 44.3 | 2.0 U | 13.1 | 1.0 U | 1.0 U |
| | 11/14/2017 | 13.6 | 0.67 J | 67.2 | 1.0 U | 56.7 | 5.0 U | 13.6 | 1.0 U | 1.0 U |
| | 2/13/2018 | 13.7 | 1.0 U | 69.2 | 1.0 U | 42.7 | 5.0 U | 11.0 | 1.0 U | 1.0 U |
| | 5/30/2018 | 10.8 | 1.0 U | 58.3 | 1.0 U | 50.8 | 5.0 U | 7.2 | 1.0 U | 1.0 U |
| | 11/8/2018 | 13.7 | 1.0 U | 61.0 | 1.0 U | 49.3 | 5.0 U | 9.8 | 1.0 U | 1.0 U |
| | 5/22/2019 | 11.8 | 1.0 U | 51.7 | 1.0 U | 36.7 | 5.0 U | 8.5 | 1.0 U | 1.0 U |
| | 11/19/2019 | 12.6 | 1.0 U | 53.2 | 1.0 U | 41.1 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 12.8 | 1.0 U | 58.0 | 1.0 U | 41.1 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 11.3 | 1.0 U | 46.9 | 1.0 U | 41.5 | 5.0 U | 5.8 | 1.0 U | 1.0 U |
| | 5/10/2021 | 6.5 | 1.0 U | 28.3 | 1.0 U | 22.6 | 5.0 U | 3.2 | 1.0 U | 1.0 U |
| MW-28D | 3/17/2015 | 1.0 U | 1.0 U | 10.6 | 1.0 U | 5.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/23/2015 | 1.0 U | 1.0 U | 12.8 | 1.0 U | 4.5 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/22/2015 | 1.0 U | 1.0 U | 14.3 | 1.0 U | 4.4 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 1/5/2016 | 1.0 U | 1.0 U | 11.5 | 1.0 U | 5.5 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 3/23/2016 | 1.0 U | 1.0 U | 9.1 | 1.0 U | 4.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 7/19/2016 | 1.0 U | 0.25 J | 10.1 | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/7/2016 | 1.0 U | 1.0 U | 12.0 | 1.0 U | 5.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 12/8/2016 | 1.0 U | 1.0 U | 6.3 | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/21/2017 | 1.0 U | 1.0 U | 4.6 | 1.0 U | 3.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/2/2017 | 1.0 U | 1.0 U | 5.8 | 1.0 U | 2.7 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/31/2017 | 1.0 U | 1.0 U | 5.0 | 1.0 U | 2.7 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/14/2017 | 1.0 U | 1.0 U | 5.5 | 1.0 U | 3.5 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/14/2018 | 1.0 U | 1.0 U | 4.3 | 1.0 U | 2.8 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/30/2018 | 1.0 U | 1.0 U | 6.1 | 1.0 U | 2.4 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 6.9 | 1.0 U | 2.3 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 5.2 | 1.0 U | 3.5 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 6.1 | 1.0 U | 3.9 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/14/2020 | 1.0 U | 1.0 U | 4.0 | 1.0 U | 3.4 | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| 11/23/2020 | 1.0 U | 1.0 U | 7.6 | 1.0 U | 4.2 | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| 5/10/2021 | 1.0 U | 1.0 U | 10.0 | 1.0 U | 4.3 | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| MW-29D | 5/21/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/23/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/19/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/10/2021 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| MW-30D-273 | 5/31/2018 | 1.0 U | 1.0 U | 27.4 | 1.0 U | 16.4 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/23/2018 | 1.0 | 1.0 U | 40.7 | 1.0 U | 24.5 | 5.0 U | 1.7 | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.2 | 1.0 U | 44.0 | 1.0 U | 22.2 | 5.0 U | 2.1 | 1.0 U | 1.0 U |
| | 2/19/2019 | 1.1 | 1.0 U | 47.2 | 1.0 U | 23.1 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.1 | 1.0 U | 44.2 | 1.0 U | 22.7 | 5.0 U | 2.0 | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.1 | 1.0 U | 43.3 | 1.0 U | 22.8 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 1.0 | 1.0 U | 42.7 | 1.0 U | 20.9 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 1.0 | 1.0 U | 39.5 | 1.0 U | 19.5 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/10/2021 | 1.0 | 1.0 U | 36.9 | 1.0 U | 18.2 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |

Table 3

Historical Offsite Groundwater Sampling Results (2015 to Present)
Former Kop-Flex Facility Site
Hanover, Maryland

| Well ID | | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,4-Dioxane | Methylene Chloride | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene |
|-------------------------------------|------------|--------------------|--------------------|--------------------|------------------------|-------------|--------------------|-----------------------|-----------------------|-----------------|
| Groundwater Quality Standard (µg/L) | | 2.8 (1) | 5 | 7 | 70 | 4.6 | 5 | 200 | 5 | 5 |
| MW-31D | 3/17/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/24/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/22/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 1/6/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 3/21/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 7/19/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/6/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 12/8/2016 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/21/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/2/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/31/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/14/2017 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/14/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/31/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/2/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/23/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| 5/10/2021 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| MW-32D | 5/31/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/23/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/19/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/10/2021 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | MW-33D-235 | 3/18/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U |
| 6/23/2015 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 9/21/2015 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1/4/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 3/21/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 3.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 7/18/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 9/7/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 12/8/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2/21/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/2/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 8/31/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/14/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 4.3 | 12.0 | 1.0 U | 1.0 U | 1.0 U |
| 2/13/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/31/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/8/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/22/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/20/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/14/2020 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/23/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| 5/10/2021 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| MW-33D-295 | 3/18/2015 | 1.0 U | 1.0 U | 4.6 | 1.0 U | 8.0 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 6/23/2015 | 1.0 U | 1.0 U | 3.3 | 1.0 U | 6.8 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/21/2015 | 1.0 U | 1.0 U | 4.8 | 1.0 U | 6.8 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 1/4/2016 | 1.0 U | 1.0 U | 3.7 | 1.0 U | 7.6 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 3/21/2016 | 1.0 U | 1.0 U | 3.9 | 1.0 U | 7.8 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 7/18/2016 | 1.0 U | 0.36 J | 3.2 | 1.0 U | 5.1 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 9/7/2016 | 1.0 U | 1.0 U | 3.8 | 1.0 U | 7.4 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 12/8/2016 | 1.0 U | 1.0 U | 5.4 | 1.0 U | 7.4 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/21/2017 | 1.0 U | 1.0 U | 4.0 | 1.0 U | 6.8 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/2/2017 | 1.0 U | 1.0 U | 5.3 | 1.0 U | 7.4 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/31/2017 | 1.0 U | 1.0 U | 5.6 | 1.0 U | 6.3 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/14/2017 | 1.0 U | 1.0 U | 3.4 | 1.0 U | 9.7 | 11.5 | 0.49 J | 1.0 U | 1.0 U |
| | 2/13/2018 | 1.0 U | 1.0 U | 4.6 | 1.0 U | 6.9 | 2.0 U | 0.49 J | 1.0 U | 1.0 U |
| | 5/31/2018 | 1.0 U | 1.0 U | 4.6 | 1.0 U | 6.9 | 2.0 U | 0.49 J | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 4.2 | 1.0 U | 6.1 | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 4.5 | 1.0 U | 6.1 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 3.7 | 1.0 U | 6.3 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 1.0 U | 1.0 U | 4.4 | 1.0 U | 6.0 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/23/2020 | 1.0 U | 1.0 U | 3.6 | 1.0 U | 6.0 | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |
| 5/10/2021 | 1.0 U | 1.0 U | 4.4 | 1.0 U | 5.6 | 5.0 U | 1.0 U | 1.0 U | 1.0 U | |

Table 3

Historical Offsite Groundwater Sampling Results (2015 to Present)
Former Kop-Flex Facility Site
Hanover, Maryland

| Well ID | | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,4-Dioxane | Methylene Chloride | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene |
|------------|---------------------------------------|--------------------|--------------------|--------------------|------------------------|-------------|--------------------|-----------------------|-----------------------|-----------------|
| | Groundwater Quality Standard (µg/L) | 2.8 (1) | 5 | 7 | 70 | 4.6 | 5 | 200 | 5 | 5 |
| MW-34D | 5/31/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 8/23/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/19/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/10/2021 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | MW-35D | 3/18/2015 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U |
| 6/22/2015 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 9/21/2015 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1/6/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 4/15/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 7/18/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 9/6/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 12/8/2016 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2/21/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/2/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 8/31/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/14/2017 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2/14/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/31/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/8/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/22/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/20/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/14/2020 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/23/2020 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/10/2021 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| MW-46D | 5/30/2018 | 13.7 | 1.0 U | 29.4 | 1.0 U | 73.5 | 2.0 U | 1.2 | 1.0 U | 1.0 U |
| | 11/7/2018 | 22.1 | 1.2 | 99.6 | 1.0 U | 96.7 | 2.0 U | 7.7 | 1.0 U | 1.0 U |
| | 5/21/2019 | 26.1 | 1.0 | 125 | 1.0 U | 88.0 | 5.0 U | 10.2 | 1.0 U | 1.0 U |
| | 11/19/2019 | 23.4 | 1.4 | 114 | 1.0 | 96.3 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/12/2020 | 20.7 | 1.4 | 98 | 1.0 | 63.0 | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 18.4 | 1.0 U | 124 | 1.0 U | 29.8 | 5.0 U | 6.4 | 1.0 U | 1.0 U |
| | 5/9/2021 | 25.7 | 1.5 | 116 | 1.0 U | 99.3 | 5.0 U | 7.8 | 1.0 U | 1.0 U |
| | Confined Patuxent Wells MW-30D-413 | 5/31/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U |
| 8/23/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/8/2018 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2/19/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/22/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/20/2019 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/14/2020 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 11/23/2020 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| 5/10/2021 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| MW-36D | | 5/30/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U |
| | 8/23/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/8/2018 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 2/19/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 2.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/22/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/20/2019 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/14/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 11/23/2020 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |
| | 5/10/2021 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.0 U | 5.0 U | 1.0 U | 1.0 U | 1.0 U |

(1) MDE GW Quality Standard changed from 90 µg/L to 2.8 µg/L in October 2018

a/ U = not detected above the method detection limit; J = estimated concentration between the reporting limit and method detection limit.

Bolded values indicate an exceedence of the Groundwater Quality Standards

Dashed line marks change from quarterly to semi-annual sampling frequency at the well.

All sample concentrations in micrograms per liter (µg/l)

NS = well not sampled

b/ Wells screened in this portion of the Lower Patuxent aquifer were removed from the monitoring program after the May 2018 sampling event.

c/ Well decommissioned in August 2019

ENCLOSURE A – LABORATORY ANALYTICAL REPORT FOR OFFSITE
GROUNDWATER MONITORING WELL SAMPLES (MAY 2021)

May 18, 2021

Eric Johnson
WSP USA
13530 Dulles Technology Drive
Suite 300
Herndon, VA 20171

RE: Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

Dear Eric Johnson:

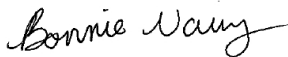
Enclosed are the analytical results for sample(s) received by the laboratory on May 11, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted 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 - Charlotte

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

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Molly Long, WSP
Pam Robertson, WSP USA



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|--------------|--------|----------------|----------------|
| 92537966001 | MW-46D | Water | 05/09/21 17:30 | 05/11/21 11:40 |
| 92537966002 | MW-35D | Water | 05/10/21 08:50 | 05/11/21 11:40 |
| 92537966003 | MW-34D | Water | 05/10/21 09:25 | 05/11/21 11:40 |
| 92537966004 | MW-31D | Water | 05/10/21 09:45 | 05/11/21 11:40 |
| 92537966005 | MW-33D-295 | Water | 05/10/21 10:15 | 05/11/21 11:40 |
| 92537966006 | MW-33D-235 | Water | 05/10/21 10:25 | 05/11/21 11:40 |
| 92537966007 | MW-29D | Water | 05/10/21 10:50 | 05/11/21 11:40 |
| 92537966008 | MW-30D-413 | Water | 05/10/21 11:05 | 05/11/21 11:40 |
| 92537966009 | MW-30D-273 | Water | 05/10/21 11:15 | 05/11/21 11:40 |
| 92537966010 | MW-32D | Water | 05/10/21 11:35 | 05/11/21 11:40 |
| 92537966011 | MW-28D | Water | 05/10/21 12:35 | 05/11/21 11:40 |
| 92537966012 | MW-36D | Water | 05/10/21 12:45 | 05/11/21 11:40 |
| 92537966013 | MW-25D-130 | Water | 05/10/21 13:10 | 05/11/21 11:40 |
| 92537966014 | MW-25D-190 | Water | 05/10/21 13:20 | 05/11/21 11:40 |
| 92537966015 | DUP-20210510 | Water | 05/10/21 09:00 | 05/11/21 11:40 |
| 92537966016 | TRIP BLANK B | Water | 05/10/21 00:00 | 05/11/21 11:40 |
| 92537966017 | MW-24D | Water | 05/10/21 13:55 | 05/11/21 11:40 |
| 92537966018 | MW-45 | Water | 05/10/21 14:15 | 05/11/21 11:40 |

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SAMPLE ANALYTE COUNT

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|--------------|----------------|----------|-------------------|------------|
| 92537966001 | MW-46D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966002 | MW-35D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966003 | MW-34D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966004 | MW-31D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966005 | MW-33D-295 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966006 | MW-33D-235 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966007 | MW-29D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966008 | MW-30D-413 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966009 | MW-30D-273 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966010 | MW-32D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966011 | MW-28D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966012 | MW-36D | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966013 | MW-25D-130 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966014 | MW-25D-190 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966015 | DUP-20210510 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966016 | TRIP BLANK B | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966017 | MW-24D | EPA 8260D | BSH | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |
| 92537966018 | MW-45 | EPA 8260D | CL | 63 | PASI-C |
| | | EPA 8260D Mod. | LMB | 3 | PASI-C |

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|--------|-----------|--------|----------|-------------------|------------|
|--------|-----------|--------|----------|-------------------|------------|

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-46D | Lab ID: 92537966001 | Collected: 05/09/21 17:30 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--------------------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D | | | | | | |
| | | Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 19:05 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:05 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:05 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 19:05 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:05 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-71-8 | |
| 1,1-Dichloroethane | 25.7 | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-34-3 | |
| 1,2-Dichloroethane | 1.5 | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 107-06-2 | |
| 1,1-Dichloroethene | 116 | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:05 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 19:05 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 19:05 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:05 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 79-34-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-46D | Lab ID: 92537966001 | Collected: 05/09/21 17:30 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 120-82-1 | |
| 1,1,1-Trichloroethane | 7.8 | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 19:05 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:05 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:05 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-130 | 1 | | 05/12/21 19:05 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 109 | % | 70-130 | 1 | | 05/12/21 19:05 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 70-130 | 1 | | 05/12/21 19:05 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 99.3 | ug/L | 2.0 | 1 | | 05/11/21 17:05 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 91 | % | 70-130 | 1 | | 05/11/21 17:05 | 17060-07-0 | |
| Toluene-d8 (S) | 112 | % | 66-133 | 1 | | 05/11/21 17:05 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-35D | Lab ID: 92537966002 | Collected: 05/10/21 08:50 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 19:23 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:23 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:23 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 19:23 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:23 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:23 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 19:23 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 19:23 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:23 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 79-34-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-35D | Lab ID: 92537966002 | Collected: 05/10/21 08:50 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 19:23 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:23 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:23 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-130 | 1 | | 05/12/21 19:23 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 112 | % | 70-130 | 1 | | 05/12/21 19:23 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 70-130 | 1 | | 05/12/21 19:23 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 17:24 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 90 | % | 70-130 | 1 | | 05/11/21 17:24 | 17060-07-0 | |
| Toluene-d8 (S) | 111 | % | 66-133 | 1 | | 05/11/21 17:24 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-34D | Lab ID: 92537966003 | Collected: 05/10/21 09:25 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 19:41 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:41 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:41 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 19:41 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:41 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:41 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 19:41 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 19:41 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:41 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-34D | Lab ID: 92537966003 | Collected: 05/10/21 09:25 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|--------------------------------------|---------------------|---------------------------|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | | | | | | | |
| Analytical Method: EPA 8260D | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 19:41 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:41 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:41 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 19:41 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 112 | % | 70-130 | 1 | | 05/12/21 19:41 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 70-130 | 1 | | 05/12/21 19:41 | 2037-26-5 | |
| 8260D MSV SIM | | | | | | | | |
| Analytical Method: EPA 8260D Mod. | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 17:42 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 88 | % | 70-130 | 1 | | 05/11/21 17:42 | 17060-07-0 | |
| Toluene-d8 (S) | 108 | % | 66-133 | 1 | | 05/11/21 17:42 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-31D | Lab ID: 92537966004 | Collected: 05/10/21 09:45 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 19:59 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:59 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:59 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 19:59 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 19:59 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:59 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 19:59 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 19:59 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 19:59 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-31D | Lab ID: 92537966004 | Collected: 05/10/21 09:45 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 19:59 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 19:59 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 19:59 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 101 | % | 70-130 | 1 | | 05/12/21 19:59 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 111 | % | 70-130 | 1 | | 05/12/21 19:59 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 70-130 | 1 | | 05/12/21 19:59 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 18:01 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 90 | % | 70-130 | 1 | | 05/11/21 18:01 | 17060-07-0 | |
| Toluene-d8 (S) | 112 | % | 66-133 | 1 | | 05/11/21 18:01 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-33D-295 | Lab ID: 92537966005 | Collected: 05/10/21 10:15 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--------------------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D | | | | | | |
| | | Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 20:17 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 20:17 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 20:17 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 20:17 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 20:17 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 107-06-2 | |
| 1,1-Dichloroethene | 4.4 | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 20:17 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 20:17 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 20:17 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 20:17 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-33D-295 | Lab ID: 92537966005 | Collected: 05/10/21 10:15 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 20:17 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 20:17 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:17 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 20:17 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 70-130 | 1 | | 05/12/21 20:17 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 70-130 | 1 | | 05/12/21 20:17 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 5.6 | ug/L | 2.0 | 1 | | 05/11/21 18:20 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 89 | % | 70-130 | 1 | | 05/11/21 18:20 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 18:20 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-33D-235 | Lab ID: 92537966006 | Collected: 05/10/21 10:25 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 20:35 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 20:35 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 20:35 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 20:35 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 20:35 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 20:35 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 20:35 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 20:35 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 20:35 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-33D-235 | Lab ID: 92537966006 | Collected: 05/10/21 10:25 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|--------------------------------------|---------------------|---------------------------|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | | | | | | | |
| Analytical Method: EPA 8260D | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 20:35 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 20:35 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:35 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-130 | 1 | | 05/12/21 20:35 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 70-130 | 1 | | 05/12/21 20:35 | 17060-07-0 | |
| Toluene-d8 (S) | 102 | % | 70-130 | 1 | | 05/12/21 20:35 | 2037-26-5 | |
| 8260D MSV SIM | | | | | | | | |
| Analytical Method: EPA 8260D Mod. | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 18:39 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 88 | % | 70-130 | 1 | | 05/11/21 18:39 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 18:39 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-29D | Lab ID: 92537966007 | Collected: 05/10/21 10:50 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 20:53 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 20:53 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 20:53 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 20:53 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 20:53 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 20:53 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 20:53 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 20:53 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 20:53 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-29D | | Lab ID: 92537966007 | | Collected: 05/10/21 10:50 | Received: 05/11/21 11:40 | Matrix: Water | | |
|----------------------------|---------|---|--------------|---------------------------|--------------------------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 20:53 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 20:53 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 20:53 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 20:53 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 112 | % | 70-130 | 1 | | 05/12/21 20:53 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 70-130 | 1 | | 05/12/21 20:53 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 18:58 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 91 | % | 70-130 | 1 | | 05/11/21 18:58 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 18:58 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-30D-413 | Lab ID: 92537966008 | Collected: 05/10/21 11:05 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 21:11 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 21:11 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 21:11 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 21:11 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 21:11 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 21:11 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 21:11 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 21:11 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 21:11 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-30D-413 | Lab ID: 92537966008 | Collected: 05/10/21 11:05 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 21:11 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 21:11 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:11 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 21:11 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 109 | % | 70-130 | 1 | | 05/12/21 21:11 | 17060-07-0 | |
| Toluene-d8 (S) | 102 | % | 70-130 | 1 | | 05/12/21 21:11 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 19:17 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 89 | % | 70-130 | 1 | | 05/11/21 19:17 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 19:17 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-30D-273 | Lab ID: 92537966009 | Collected: 05/10/21 11:15 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 21:29 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 21:29 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 21:29 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 21:29 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 21:29 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 107-06-2 | |
| 1,1-Dichloroethene | 36.9 | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 21:29 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 21:29 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 21:29 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 21:29 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-30D-273 | Lab ID: 92537966009 | Collected: 05/10/21 11:15 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 120-82-1 | |
| 1,1,1-Trichloroethane | 1.5 | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 21:29 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 21:29 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:29 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-130 | 1 | | 05/12/21 21:29 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 111 | % | 70-130 | 1 | | 05/12/21 21:29 | 17060-07-0 | |
| Toluene-d8 (S) | 102 | % | 70-130 | 1 | | 05/12/21 21:29 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 18.2 | ug/L | 2.0 | 1 | | 05/11/21 19:36 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 91 | % | 70-130 | 1 | | 05/11/21 19:36 | 17060-07-0 | |
| Toluene-d8 (S) | 109 | % | 66-133 | 1 | | 05/11/21 19:36 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-32D | Lab ID: 92537966010 | Collected: 05/10/21 11:35 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 21:47 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 21:47 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 21:47 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 21:47 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 21:47 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 21:47 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 21:47 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 21:47 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 21:47 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 79-34-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-32D | Lab ID: 92537966010 | Collected: 05/10/21 11:35 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 21:47 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 21:47 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 21:47 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 21:47 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 70-130 | 1 | | 05/12/21 21:47 | 17060-07-0 | |
| Toluene-d8 (S) | 102 | % | 70-130 | 1 | | 05/12/21 21:47 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 19:55 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 91 | % | 70-130 | 1 | | 05/11/21 19:55 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 19:55 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-28D | Lab ID: 92537966011 | Collected: 05/10/21 12:35 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 22:05 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 22:05 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 22:05 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 22:05 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 22:05 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 107-06-2 | |
| 1,1-Dichloroethene | 10.0 | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 22:05 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 22:05 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 22:05 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 22:05 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-28D | Lab ID: 92537966011 | Collected: 05/10/21 12:35 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 22:05 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 22:05 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:05 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 22:05 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 111 | % | 70-130 | 1 | | 05/12/21 22:05 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 70-130 | 1 | | 05/12/21 22:05 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 4.3 | ug/L | 2.0 | 1 | | 05/11/21 20:13 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 90 | % | 70-130 | 1 | | 05/11/21 20:13 | 17060-07-0 | |
| Toluene-d8 (S) | 109 | % | 66-133 | 1 | | 05/11/21 20:13 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-36D | Lab ID: 92537966012 | Collected: 05/10/21 12:45 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/12/21 22:23 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/12/21 22:23 | 74-83-9 | |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/12/21 22:23 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/12/21 22:23 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/12/21 22:23 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/12/21 22:23 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/12/21 22:23 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/12/21 22:23 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/12/21 22:23 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-36D | Lab ID: 92537966012 | Collected: 05/10/21 12:45 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/12/21 22:23 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/12/21 22:23 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/12/21 22:23 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | 1 | | 05/12/21 22:23 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 70-130 | 1 | | 05/12/21 22:23 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 70-130 | 1 | | 05/12/21 22:23 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 20:32 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 85 | % | 70-130 | 1 | | 05/11/21 20:32 | 17060-07-0 | |
| Toluene-d8 (S) | 108 | % | 66-133 | 1 | | 05/11/21 20:32 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-25D-130 | Lab ID: 92537966013 | Collected: 05/10/21 13:10 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|-------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/11/21 21:59 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 74-97-5 | IK |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:59 | 74-83-9 | IH,v1 |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:59 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/11/21 21:59 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:59 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-71-8 | |
| 1,1-Dichloroethane | 3.0 | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 107-06-2 | |
| 1,1-Dichloroethene | 50.8 | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:59 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/11/21 21:59 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/11/21 21:59 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:59 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 79-34-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-25D-130 | Lab ID: 92537966013 | Collected: 05/10/21 13:10 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 120-82-1 | |
| 1,1,1-Trichloroethane | 3.1 | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/11/21 21:59 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:59 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:59 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 104 | % | 70-130 | 1 | | 05/11/21 21:59 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 86 | % | 70-130 | 1 | | 05/11/21 21:59 | 17060-07-0 | |
| Toluene-d8 (S) | 109 | % | 70-130 | 1 | | 05/11/21 21:59 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 30.2 | ug/L | 2.0 | 1 | | 05/11/21 20:51 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 91 | % | 70-130 | 1 | | 05/11/21 20:51 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 20:51 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-25D-190 | Lab ID: 92537966014 | Collected: 05/10/21 13:20 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|-------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/11/21 21:41 | 67-64-1 | R1 |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 108-86-1 | R1 |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 74-97-5 | IK,R1 |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-27-4 | R1 |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-25-2 | R1 |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:41 | 74-83-9 | IH,v1 |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:41 | 78-93-3 | R1 |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 56-23-5 | R1 |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 108-90-7 | R1 |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/11/21 21:41 | 67-66-3 | R1 |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 74-87-3 | R1 |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 95-49-8 | R1 |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 106-43-4 | R1 |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:41 | 96-12-8 | R1 |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 124-48-1 | R1 |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 106-93-4 | R1 |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 74-95-3 | R1 |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 95-50-1 | R1 |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 541-73-1 | R1 |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 106-46-7 | R1 |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-71-8 | R1 |
| 1,1-Dichloroethane | 6.5 | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 107-06-2 | R1 |
| 1,1-Dichloroethene | 28.2 | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 156-59-2 | R1 |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 156-60-5 | R1 |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 78-87-5 | R1 |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 142-28-9 | R1 |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 594-20-7 | R1 |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 563-58-6 | R1 |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 10061-01-5 | R1 |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 10061-02-6 | R1 |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 108-20-3 | R1 |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 100-41-4 | R1 |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:41 | 87-68-3 | R1 |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/11/21 21:41 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/11/21 21:41 | 75-09-2 | R1 |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:41 | 108-10-1 | R1 |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 91-20-3 | R1 |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 100-42-5 | R1 |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 630-20-6 | R1 |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 79-34-5 | R1 |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-25D-190 | Lab ID: 92537966014 | Collected: 05/10/21 13:20 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|--------------------------------------|---------------------|---------------------------|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | | | | | | | |
| Analytical Method: EPA 8260D | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 127-18-4 | R1 |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 108-88-3 | R1 |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 87-61-6 | R1 |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 120-82-1 | R1 |
| 1,1,1-Trichloroethane | 3.2 | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 79-00-5 | R1 |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 79-01-6 | R1 |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-69-4 | R1 |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 96-18-4 | R1 |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/11/21 21:41 | 108-05-4 | R1 |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 1330-20-7 | RS |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:41 | 179601-23-1 | R1 |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:41 | 95-47-6 | R1 |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 103 | % | 70-130 | 1 | | 05/11/21 21:41 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 85 | % | 70-130 | 1 | | 05/11/21 21:41 | 17060-07-0 | |
| Toluene-d8 (S) | 109 | % | 70-130 | 1 | | 05/11/21 21:41 | 2037-26-5 | |
| 8260D MSV SIM | | | | | | | | |
| Analytical Method: EPA 8260D Mod. | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 22.6 | ug/L | 2.0 | 1 | | 05/11/21 21:10 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 89 | % | 70-130 | 1 | | 05/11/21 21:10 | 17060-07-0 | |
| Toluene-d8 (S) | 107 | % | 66-133 | 1 | | 05/11/21 21:10 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: DUP-20210510 | Lab ID: 92537966015 | Collected: 05/10/21 09:00 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|-------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/11/21 21:23 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 74-97-5 | IK |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:23 | 74-83-9 | IH,v1 |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:23 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/11/21 21:23 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:23 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-71-8 | |
| 1,1-Dichloroethane | 3.0 | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 107-06-2 | |
| 1,1-Dichloroethene | 49.2 | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:23 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/11/21 21:23 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/11/21 21:23 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:23 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 79-34-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: DUP-20210510 | | Lab ID: 92537966015 | | Collected: 05/10/21 09:00 | Received: 05/11/21 11:40 | Matrix: Water | | |
|----------------------------|-------------|---|--------------|---------------------------|--------------------------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 120-82-1 | |
| 1,1,1-Trichloroethane | 2.9 | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/11/21 21:23 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:23 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:23 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 103 | % | 70-130 | 1 | | 05/11/21 21:23 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 87 | % | 70-130 | 1 | | 05/11/21 21:23 | 17060-07-0 | |
| Toluene-d8 (S) | 111 | % | 70-130 | 1 | | 05/11/21 21:23 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 28.3 | ug/L | 2.0 | 1 | | 05/11/21 21:29 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 89 | % | 70-130 | 1 | | 05/11/21 21:29 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 66-133 | 1 | | 05/11/21 21:29 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: TRIP BLANK B | Lab ID: 92537966016 | Collected: 05/10/21 00:00 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|-------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/11/21 18:04 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 74-97-5 | IK |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/11/21 18:04 | 74-83-9 | IH,v1 |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/11/21 18:04 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/11/21 18:04 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/11/21 18:04 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/11/21 18:04 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/11/21 18:04 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/11/21 18:04 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/11/21 18:04 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: TRIP BLANK B | Lab ID: 92537966016 | Collected: 05/10/21 00:00 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|----------------------------|---------------------|---|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/11/21 18:04 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/11/21 18:04 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/11/21 18:04 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 104 | % | 70-130 | 1 | | 05/11/21 18:04 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 85 | % | 70-130 | 1 | | 05/11/21 18:04 | 17060-07-0 | |
| Toluene-d8 (S) | 107 | % | 70-130 | 1 | | 05/11/21 18:04 | 2037-26-5 | |
| 8260D MSV SIM | | Analytical Method: EPA 8260D Mod. Pace Analytical Services - Charlotte | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 15:33 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 111 | % | 70-130 | 1 | | 05/11/21 15:33 | 17060-07-0 | |
| Toluene-d8 (S) | 97 | % | 66-133 | 1 | | 05/11/21 15:33 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-24D | Lab ID: 92537966017 | Collected: 05/10/21 13:55 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 125 | 5 | | 05/13/21 19:09 | 67-64-1 | v1 |
| Benzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 74-97-5 | |
| Bromodichloromethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-27-4 | |
| Bromoform | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-25-2 | |
| Bromomethane | ND | ug/L | 10.0 | 5 | | 05/13/21 19:09 | 74-83-9 | IK |
| 2-Butanone (MEK) | ND | ug/L | 25.0 | 5 | | 05/13/21 19:09 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 108-90-7 | |
| Chloroethane | 6.2 | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-00-3 | |
| Chloroform | ND | ug/L | 25.0 | 5 | | 05/13/21 19:09 | 67-66-3 | |
| Chloromethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 10.0 | 5 | | 05/13/21 19:09 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-71-8 | |
| 1,1-Dichloroethane | 151 | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-34-3 | |
| 1,2-Dichloroethane | 6.3 | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 107-06-2 | |
| 1,1-Dichloroethene | 788 | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-35-4 | |
| cis-1,2-Dichloroethene | 7.2 | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 10.0 | 5 | | 05/13/21 19:09 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 25.0 | 5 | | 05/13/21 19:09 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 25.0 | 5 | | 05/13/21 19:09 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 25.0 | 5 | | 05/13/21 19:09 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 91-20-3 | |
| Styrene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 630-20-6 | |
| 1,1,1,2,2-Tetrachloroethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 79-34-5 | |

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Sample: MW-24D | Lab ID: 92537966017 | Collected: 05/10/21 13:55 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|--------------------------------------|---------------------|---------------------------|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | | | | | | | |
| Analytical Method: EPA 8260D | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| Tetrachloroethene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 127-18-4 | |
| Toluene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 120-82-1 | |
| 1,1,1-Trichloroethane | 10.9 | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 10.0 | 5 | | 05/13/21 19:09 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 10.0 | 5 | | 05/13/21 19:09 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 5.0 | 5 | | 05/13/21 19:09 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-130 | 5 | | 05/13/21 19:09 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 98 | % | 70-130 | 5 | | 05/13/21 19:09 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 70-130 | 5 | | 05/13/21 19:09 | 2037-26-5 | |
| 8260D MSV SIM | | | | | | | | |
| Analytical Method: EPA 8260D Mod. | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| 1,4-Dioxane (p-Dioxane) | 299 | ug/L | 10.0 | 5 | | 05/11/21 18:36 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 108 | % | 70-130 | 5 | | 05/11/21 18:36 | 17060-07-0 | |
| Toluene-d8 (S) | 94 | % | 66-133 | 5 | | 05/11/21 18:36 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-45 | Lab ID: 92537966018 | Collected: 05/10/21 14:15 | Received: 05/11/21 11:40 | Matrix: Water | | | | |
|-----------------------------|---------------------|--|--------------------------|---------------|----------|----------------|------------|-------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | Analytical Method: EPA 8260D Pace Analytical Services - Charlotte | | | | | | |
| Acetone | ND | ug/L | 25.0 | 1 | | 05/11/21 21:05 | 67-64-1 | |
| Benzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 71-43-2 | |
| Bromobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 108-86-1 | |
| Bromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 74-97-5 | IK |
| Bromodichloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-27-4 | |
| Bromoform | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-25-2 | |
| Bromomethane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:05 | 74-83-9 | IH,v1 |
| 2-Butanone (MEK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:05 | 78-93-3 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 56-23-5 | |
| Chlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-00-3 | |
| Chloroform | ND | ug/L | 5.0 | 1 | | 05/11/21 21:05 | 67-66-3 | |
| Chloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 74-87-3 | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 95-49-8 | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 2.0 | 1 | | 05/11/21 21:05 | 96-12-8 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 106-93-4 | |
| Dibromomethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 74-95-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 106-46-7 | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-71-8 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-35-4 | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 156-60-5 | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 78-87-5 | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 142-28-9 | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 594-20-7 | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 563-58-6 | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 10061-01-5 | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 10061-02-6 | |
| Diisopropyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 108-20-3 | |
| Ethylbenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:05 | 87-68-3 | |
| 2-Hexanone | ND | ug/L | 5.0 | 1 | | 05/11/21 21:05 | 591-78-6 | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 99-87-6 | |
| Methylene Chloride | ND | ug/L | 5.0 | 1 | | 05/11/21 21:05 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5.0 | 1 | | 05/11/21 21:05 | 108-10-1 | |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 1634-04-4 | |
| Naphthalene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 91-20-3 | |
| Styrene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 79-34-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Sample: MW-45 | Lab ID: 92537966018 | Collected: 05/10/21 14:15 | | Received: 05/11/21 11:40 | | Matrix: Water | | |
|--------------------------------------|---------------------|---------------------------|--------------|--------------------------|----------|----------------|-------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 8260D MSV Low Level | | | | | | | | |
| Analytical Method: EPA 8260D | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 120-82-1 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 79-01-6 | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-69-4 | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 96-18-4 | |
| Vinyl acetate | ND | ug/L | 2.0 | 1 | | 05/11/21 21:05 | 108-05-4 | |
| Vinyl chloride | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 75-01-4 | |
| Xylene (Total) | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 1330-20-7 | |
| m&p-Xylene | ND | ug/L | 2.0 | 1 | | 05/11/21 21:05 | 179601-23-1 | |
| o-Xylene | ND | ug/L | 1.0 | 1 | | 05/11/21 21:05 | 95-47-6 | |
| Surrogates | | | | | | | | |
| 4-Bromofluorobenzene (S) | 104 | % | 70-130 | 1 | | 05/11/21 21:05 | 460-00-4 | |
| 1,2-Dichloroethane-d4 (S) | 85 | % | 70-130 | 1 | | 05/11/21 21:05 | 17060-07-0 | |
| Toluene-d8 (S) | 111 | % | 70-130 | 1 | | 05/11/21 21:05 | 2037-26-5 | |
| 8260D MSV SIM | | | | | | | | |
| Analytical Method: EPA 8260D Mod. | | | | | | | | |
| Pace Analytical Services - Charlotte | | | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ND | ug/L | 2.0 | 1 | | 05/11/21 16:12 | 123-91-1 | |
| Surrogates | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 107 | % | 70-130 | 1 | | 05/11/21 16:12 | 17060-07-0 | |
| Toluene-d8 (S) | 94 | % | 66-133 | 1 | | 05/11/21 16:12 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

QC Batch: 619682 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537966013, 92537966014, 92537966015, 92537966016, 92537966018

METHOD BLANK: 3260100 Matrix: Water
Associated Lab Samples: 92537966013, 92537966014, 92537966015, 92537966016, 92537966018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,1,1-Trichloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,1,2-Trichloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,1-Dichloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,1-Dichloroethene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,1-Dichloropropene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2,3-Trichlorobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2,3-Trichloropropane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2,4-Trichlorobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2-Dibromo-3-chloropropane | ug/L | ND | 2.0 | 05/11/21 17:46 | |
| 1,2-Dibromoethane (EDB) | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2-Dichloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2-Dichloropropane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,3-Dichloropropane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 2,2-Dichloropropane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 2-Butanone (MEK) | ug/L | ND | 5.0 | 05/11/21 17:46 | |
| 2-Chlorotoluene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 2-Hexanone | ug/L | ND | 5.0 | 05/11/21 17:46 | |
| 4-Chlorotoluene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 5.0 | 05/11/21 17:46 | |
| Acetone | ug/L | ND | 25.0 | 05/11/21 17:46 | |
| Benzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Bromobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Bromochloromethane | ug/L | ND | 1.0 | 05/11/21 17:46 | IK |
| Bromodichloromethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Bromoform | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Bromomethane | ug/L | ND | 2.0 | 05/11/21 17:46 | IH,v1 |
| Carbon tetrachloride | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Chlorobenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Chloroethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Chloroform | ug/L | ND | 5.0 | 05/11/21 17:46 | |
| Chloromethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| cis-1,2-Dichloroethene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| cis-1,3-Dichloropropene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Dibromochloromethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Dibromomethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

METHOD BLANK: 3260100

Matrix: Water

Associated Lab Samples: 92537966013, 92537966014, 92537966015, 92537966016, 92537966018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Dichlorodifluoromethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Diisopropyl ether | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Ethylbenzene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 2.0 | 05/11/21 17:46 | |
| m&p-Xylene | ug/L | ND | 2.0 | 05/11/21 17:46 | |
| Methyl-tert-butyl ether | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Methylene Chloride | ug/L | ND | 5.0 | 05/11/21 17:46 | |
| Naphthalene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| o-Xylene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| p-Isopropyltoluene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Styrene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Tetrachloroethene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Toluene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| trans-1,2-Dichloroethene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| trans-1,3-Dichloropropene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Trichloroethene | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Trichlorofluoromethane | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Vinyl acetate | ug/L | ND | 2.0 | 05/11/21 17:46 | |
| Vinyl chloride | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| Xylene (Total) | ug/L | ND | 1.0 | 05/11/21 17:46 | |
| 1,2-Dichloroethane-d4 (S) | % | 86 | 70-130 | 05/11/21 17:46 | |
| 4-Bromofluorobenzene (S) | % | 104 | 70-130 | 05/11/21 17:46 | |
| Toluene-d8 (S) | % | 108 | 70-130 | 05/11/21 17:46 | |

LABORATORY CONTROL SAMPLE: 3260101

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | 50 | 50.0 | 100 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 50 | 44.0 | 88 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 44.4 | 89 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 51.2 | 102 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 50 | 42.7 | 85 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 50 | 42.2 | 84 | 70-132 | |
| 1,1-Dichloropropene | ug/L | 50 | 46.8 | 94 | 70-131 | |
| 1,2,3-Trichlorobenzene | ug/L | 50 | 47.6 | 95 | 70-134 | |
| 1,2,3-Trichloropropane | ug/L | 50 | 44.2 | 88 | 70-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 47.7 | 95 | 70-130 | |
| 1,2-Dibromo-3-chloropropane | ug/L | 50 | 46.4 | 93 | 70-132 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 49.7 | 99 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 47.0 | 94 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 50 | 42.2 | 84 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 50 | 46.8 | 94 | 70-130 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 47.1 | 94 | 70-130 | |
| 1,3-Dichloropropane | ug/L | 50 | 49.0 | 98 | 70-130 | |

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

LABORATORY CONTROL SAMPLE: 3260101

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,4-Dichlorobenzene | ug/L | 50 | 47.7 | 95 | 70-130 | |
| 2,2-Dichloropropane | ug/L | 50 | 44.4 | 89 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 100 | 95.5 | 96 | 70-133 | |
| 2-Chlorotoluene | ug/L | 50 | 49.0 | 98 | 70-130 | |
| 2-Hexanone | ug/L | 100 | 83.8 | 84 | 70-130 | |
| 4-Chlorotoluene | ug/L | 50 | 46.9 | 94 | 70-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 100 | 88.9 | 89 | 70-130 | |
| Acetone | ug/L | 100 | 91.0 | 91 | 70-144 | |
| Benzene | ug/L | 50 | 46.2 | 92 | 70-130 | |
| Bromobenzene | ug/L | 50 | 48.7 | 97 | 70-130 | |
| Bromochloromethane | ug/L | 50 | 44.3 | 89 | 70-130 | IK |
| Bromodichloromethane | ug/L | 50 | 45.7 | 91 | 70-130 | |
| Bromoform | ug/L | 50 | 49.7 | 99 | 70-131 | |
| Bromomethane | ug/L | 50 | 62.5 | 125 | 30-177 | IH,v1 |
| Carbon tetrachloride | ug/L | 50 | 46.5 | 93 | 70-130 | |
| Chlorobenzene | ug/L | 50 | 45.5 | 91 | 70-130 | |
| Chloroethane | ug/L | 50 | 39.5 | 79 | 46-131 | |
| Chloroform | ug/L | 50 | 45.6 | 91 | 70-130 | |
| Chloromethane | ug/L | 50 | 43.5 | 87 | 49-130 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 42.3 | 85 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 48.3 | 97 | 70-130 | |
| Dibromochloromethane | ug/L | 50 | 50.9 | 102 | 70-130 | |
| Dibromomethane | ug/L | 50 | 46.1 | 92 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 50 | 39.6 | 79 | 52-134 | |
| Diisopropyl ether | ug/L | 50 | 44.7 | 89 | 70-131 | |
| Ethylbenzene | ug/L | 50 | 45.0 | 90 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 49.1 | 98 | 70-131 | |
| m&p-Xylene | ug/L | 100 | 91.0 | 91 | 70-130 | |
| Methyl-tert-butyl ether | ug/L | 50 | 48.7 | 97 | 70-130 | |
| Methylene Chloride | ug/L | 50 | 41.4 | 83 | 68-130 | |
| Naphthalene | ug/L | 50 | 45.7 | 91 | 70-133 | |
| o-Xylene | ug/L | 50 | 44.9 | 90 | 70-130 | |
| p-Isopropyltoluene | ug/L | 50 | 45.5 | 91 | 70-130 | |
| Styrene | ug/L | 50 | 46.4 | 93 | 70-130 | |
| Tetrachloroethene | ug/L | 50 | 45.8 | 92 | 70-130 | |
| Toluene | ug/L | 50 | 44.0 | 88 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 42.7 | 85 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 47.6 | 95 | 70-130 | |
| Trichloroethene | ug/L | 50 | 49.5 | 99 | 70-130 | |
| Trichlorofluoromethane | ug/L | 50 | 41.5 | 83 | 61-130 | |
| Vinyl acetate | ug/L | 100 | 111 | 111 | 70-140 | |
| Vinyl chloride | ug/L | 50 | 40.2 | 80 | 59-142 | |
| Xylene (Total) | ug/L | 150 | 136 | 91 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 93 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 93 | 70-130 | |
| Toluene-d8 (S) | % | | | 95 | 70-130 | |

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Parameter | Units | 3260102 | | 3260103 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|-----------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
| | | 92537966014 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/L | ND | 20 | 20 | 15.6 | 21.5 | 78 | 107 | 70-135 | 32 | 30 | R1 | |
| 1,1,1-Trichloroethane | ug/L | 3.2 | 20 | 20 | 20.9 | 26.6 | 88 | 117 | 70-148 | 24 | 30 | | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 20 | 20 | 15.8 | 21.7 | 79 | 108 | 70-131 | 31 | 30 | R1 | |
| 1,1,2-Trichloroethane | ug/L | ND | 20 | 20 | 15.9 | 21.9 | 80 | 110 | 70-136 | 32 | 30 | R1 | |
| 1,1-Dichloroethane | ug/L | 6.5 | 20 | 20 | 23.0 | 28.9 | 82 | 112 | 70-147 | 23 | 30 | | |
| 1,1-Dichloroethene | ug/L | 28.2 | 20 | 20 | 46.5 | 49.3 | 92 | 106 | 70-158 | 6 | 30 | | |
| 1,1-Dichloropropene | ug/L | ND | 20 | 20 | 16.4 | 22.3 | 82 | 112 | 70-149 | 31 | 30 | R1 | |
| 1,2,3-Trichlorobenzene | ug/L | ND | 20 | 20 | 16.2 | 22.2 | 81 | 111 | 68-140 | 31 | 30 | R1 | |
| 1,2,3-Trichloropropane | ug/L | ND | 20 | 20 | 15.3 | 21.6 | 77 | 108 | 67-137 | 34 | 30 | R1 | |
| 1,2,4-Trichlorobenzene | ug/L | ND | 20 | 20 | 16.0 | 22.1 | 80 | 110 | 70-139 | 32 | 30 | R1 | |
| 1,2-Dibromo-3-chloropropane | ug/L | ND | 20 | 20 | 15.2 | 21.1 | 76 | 106 | 69-136 | 33 | 30 | R1 | |
| 1,2-Dibromoethane (EDB) | ug/L | ND | 20 | 20 | 15.2 | 21.6 | 76 | 108 | 70-137 | 34 | 30 | R1 | |
| 1,2-Dichlorobenzene | ug/L | ND | 20 | 20 | 15.8 | 21.9 | 79 | 109 | 70-133 | 32 | 30 | R1 | |
| 1,2-Dichloroethane | ug/L | ND | 20 | 20 | 16.3 | 22.3 | 80 | 110 | 67-138 | 31 | 30 | R1 | |
| 1,2-Dichloropropane | ug/L | ND | 20 | 20 | 16.5 | 23.3 | 82 | 117 | 70-138 | 34 | 30 | R1 | |
| 1,3-Dichlorobenzene | ug/L | ND | 20 | 20 | 15.9 | 21.8 | 80 | 109 | 70-133 | 31 | 30 | R1 | |
| 1,3-Dichloropropane | ug/L | ND | 20 | 20 | 15.7 | 21.5 | 79 | 107 | 70-136 | 31 | 30 | R1 | |
| 1,4-Dichlorobenzene | ug/L | ND | 20 | 20 | 16.0 | 21.9 | 80 | 109 | 70-133 | 31 | 30 | R1 | |
| 2,2-Dichloropropane | ug/L | ND | 20 | 20 | 16.6 | 23.7 | 83 | 118 | 52-155 | 35 | 30 | R1 | |
| 2-Butanone (MEK) | ug/L | ND | 40 | 40 | 30.2 | 41.8 | 75 | 105 | 61-147 | 32 | 30 | R1 | |
| 2-Chlorotoluene | ug/L | ND | 20 | 20 | 16.6 | 22.7 | 83 | 114 | 70-141 | 31 | 30 | R1 | |
| 2-Hexanone | ug/L | ND | 40 | 40 | 31.3 | 42.3 | 78 | 106 | 67-139 | 30 | 30 | | |
| 4-Chlorotoluene | ug/L | ND | 20 | 20 | 15.9 | 21.7 | 79 | 109 | 70-135 | 31 | 30 | R1 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 40 | 40 | 32.3 | 43.9 | 81 | 110 | 67-136 | 31 | 30 | R1 | |
| Acetone | ug/L | ND | 40 | 40 | 33.1 | 46.9 | 83 | 117 | 55-159 | 35 | 30 | R1 | |
| Benzene | ug/L | ND | 20 | 20 | 16.3 | 22.0 | 81 | 110 | 67-150 | 30 | 30 | | |
| Bromobenzene | ug/L | ND | 20 | 20 | 16.1 | 22.5 | 80 | 112 | 70-134 | 33 | 30 | R1 | |
| Bromochloromethane | ug/L | ND | 20 | 20 | 16.2 | 22.7 | 81 | 113 | 70-146 | 34 | 30 | R1 | |
| Bromodichloromethane | ug/L | ND | 20 | 20 | 15.8 | 21.9 | 79 | 109 | 70-138 | 32 | 30 | R1 | |
| Bromoform | ug/L | ND | 20 | 20 | 14.1 | 19.7 | 70 | 99 | 57-138 | 33 | 30 | R1 | |
| Bromomethane | ug/L | ND | 20 | 20 | 21.4 | 29.1 | 107 | 146 | 10-200 | 30 | 30 | | |
| Carbon tetrachloride | ug/L | ND | 20 | 20 | 17.0 | 23.5 | 85 | 118 | 70-147 | 32 | 30 | R1 | |
| Chlorobenzene | ug/L | ND | 20 | 20 | 16.0 | 22.1 | 80 | 111 | 70-137 | 32 | 30 | R1 | |
| Chloroethane | ug/L | ND | 20 | 20 | 18.5 | 23.7 | 92 | 119 | 51-166 | 25 | 30 | IK | |
| Chloroform | ug/L | ND | 20 | 20 | 16.9 | 24.1 | 84 | 120 | 70-144 | 35 | 30 | R1 | |
| Chloromethane | ug/L | ND | 20 | 20 | 15.5 | 21.3 | 78 | 107 | 24-161 | 32 | 30 | R1 | |
| cis-1,2-Dichloroethene | ug/L | ND | 20 | 20 | 16.6 | 22.9 | 83 | 114 | 67-148 | 32 | 30 | R1 | |
| cis-1,3-Dichloropropene | ug/L | ND | 20 | 20 | 15.5 | 21.6 | 77 | 108 | 70-142 | 33 | 30 | R1 | |
| Dibromochloromethane | ug/L | ND | 20 | 20 | 15.2 | 21.1 | 76 | 105 | 68-138 | 32 | 30 | R1 | |
| Dibromomethane | ug/L | ND | 20 | 20 | 16.3 | 22.1 | 81 | 111 | 70-134 | 31 | 30 | R1 | |
| Dichlorodifluoromethane | ug/L | ND | 20 | 20 | 15.6 | 21.8 | 78 | 109 | 43-155 | 33 | 30 | R1 | |
| Diisopropyl ether | ug/L | ND | 20 | 20 | 15.2 | 21.3 | 76 | 106 | 65-146 | 34 | 30 | R1 | |
| Ethylbenzene | ug/L | ND | 20 | 20 | 16.0 | 22.3 | 80 | 111 | 68-143 | 32 | 30 | R1 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 20 | 20 | 16.8 | 23.2 | 84 | 116 | 62-151 | 32 | 30 | R1 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| Parameter | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3260102 | | 3260103 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|--|----------------------|-----------------------|------|--------------|---------------|-------------|--------------|-----------------|-----|------------|------|
| | | 92537966014 Result | MS Spike Conc. | MSD Spike Conc. | | | | | | | | | |
| m&p-Xylene | ug/L | ND | 40 | 40 | 31.9 | 43.8 | 80 | 110 | 53-157 | 31 | 30 | R1 | |
| Methyl-tert-butyl ether | ug/L | ND | 20 | 20 | 16.2 | 21.9 | 79 | 107 | 59-156 | 30 | 30 | | |
| Methylene Chloride | ug/L | ND | 20 | 20 | 16.0 | 21.9 | 80 | 110 | 64-148 | 31 | 30 | R1 | |
| Naphthalene | ug/L | ND | 20 | 20 | 15.4 | 21.1 | 77 | 105 | 57-150 | 31 | 30 | R1 | |
| o-Xylene | ug/L | ND | 20 | 20 | 15.9 | 21.8 | 80 | 109 | 68-143 | 31 | 30 | R1 | |
| p-Isopropyltoluene | ug/L | ND | 20 | 20 | 16.1 | 21.8 | 81 | 109 | 70-141 | 30 | 30 | | |
| Styrene | ug/L | ND | 20 | 20 | 15.8 | 21.9 | 79 | 109 | 70-136 | 32 | 30 | R1 | |
| Tetrachloroethene | ug/L | ND | 20 | 20 | 15.8 | 22.0 | 79 | 110 | 70-139 | 33 | 30 | R1 | |
| Toluene | ug/L | ND | 20 | 20 | 16.0 | 22.0 | 80 | 110 | 47-157 | 31 | 30 | R1 | |
| trans-1,2-Dichloroethene | ug/L | ND | 20 | 20 | 16.7 | 23.5 | 84 | 117 | 70-149 | 33 | 30 | R1 | |
| trans-1,3-Dichloropropene | ug/L | ND | 20 | 20 | 15.7 | 21.8 | 79 | 109 | 70-138 | 32 | 30 | R1 | |
| Trichloroethene | ug/L | ND | 20 | 20 | 16.3 | 22.7 | 82 | 113 | 70-149 | 33 | 30 | R1 | |
| Trichlorofluoromethane | ug/L | ND | 20 | 20 | 17.2 | 24.1 | 86 | 120 | 61-154 | 33 | 30 | R1 | |
| Vinyl acetate | ug/L | ND | 40 | 40 | 31.6 | 43.5 | 79 | 109 | 48-156 | 32 | 30 | R1 | |
| Vinyl chloride | ug/L | ND | 20 | 20 | 16.2 | 21.7 | 81 | 109 | 55-172 | 29 | 30 | | |
| Xylene (Total) | ug/L | ND | 60 | 60 | 47.9 | 65.7 | 80 | 109 | 66-145 | 31 | 30 | RS | |
| 1,2-Dichloroethane-d4 (S) | % | | | | | | 102 | 100 | 70-130 | | | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 101 | 100 | 70-130 | | | | |
| Toluene-d8 (S) | % | | | | | | 101 | 101 | 70-130 | | | | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

QC Batch: 619721 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92537966001, 92537966002, 92537966003, 92537966004, 92537966005, 92537966006, 92537966007, 92537966008, 92537966009, 92537966010, 92537966011, 92537966012

METHOD BLANK: 3260481 Matrix: Water
Associated Lab Samples: 92537966001, 92537966002, 92537966003, 92537966004, 92537966005, 92537966006, 92537966007, 92537966008, 92537966009, 92537966010, 92537966011, 92537966012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,1,1-Trichloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,1,2-Trichloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,1-Dichloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,1-Dichloroethene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,1-Dichloropropene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2,3-Trichlorobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2,3-Trichloropropane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2,4-Trichlorobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2-Dibromo-3-chloropropane | ug/L | ND | 2.0 | 05/12/21 17:16 | |
| 1,2-Dibromoethane (EDB) | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2-Dichloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2-Dichloropropane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,3-Dichloropropane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 2,2-Dichloropropane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 2-Butanone (MEK) | ug/L | ND | 5.0 | 05/12/21 17:16 | |
| 2-Chlorotoluene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 2-Hexanone | ug/L | ND | 5.0 | 05/12/21 17:16 | |
| 4-Chlorotoluene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 5.0 | 05/12/21 17:16 | |
| Acetone | ug/L | ND | 25.0 | 05/12/21 17:16 | |
| Benzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Bromobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Bromochloromethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Bromodichloromethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Bromoform | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Bromomethane | ug/L | ND | 2.0 | 05/12/21 17:16 | |
| Carbon tetrachloride | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Chlorobenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Chloroethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Chloroform | ug/L | ND | 5.0 | 05/12/21 17:16 | |
| Chloromethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| cis-1,2-Dichloroethene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| cis-1,3-Dichloropropene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Dibromochloromethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

METHOD BLANK: 3260481

Matrix: Water

Associated Lab Samples: 92537966001, 92537966002, 92537966003, 92537966004, 92537966005, 92537966006, 92537966007, 92537966008, 92537966009, 92537966010, 92537966011, 92537966012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Dibromomethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Dichlorodifluoromethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Diisopropyl ether | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Ethylbenzene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 2.0 | 05/12/21 17:16 | |
| m&p-Xylene | ug/L | ND | 2.0 | 05/12/21 17:16 | |
| Methyl-tert-butyl ether | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Methylene Chloride | ug/L | ND | 5.0 | 05/12/21 17:16 | |
| Naphthalene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| o-Xylene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| p-Isopropyltoluene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Styrene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Tetrachloroethene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Toluene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| trans-1,2-Dichloroethene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| trans-1,3-Dichloropropene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Trichloroethene | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Trichlorofluoromethane | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Vinyl acetate | ug/L | ND | 2.0 | 05/12/21 17:16 | |
| Vinyl chloride | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| Xylene (Total) | ug/L | ND | 1.0 | 05/12/21 17:16 | |
| 1,2-Dichloroethane-d4 (S) | % | 107 | 70-130 | 05/12/21 17:16 | |
| 4-Bromofluorobenzene (S) | % | 100 | 70-130 | 05/12/21 17:16 | |
| Toluene-d8 (S) | % | 101 | 70-130 | 05/12/21 17:16 | |

LABORATORY CONTROL SAMPLE: 3260482

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | 50 | 50.2 | 100 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 50 | 50.2 | 100 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 51.3 | 103 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 49.9 | 100 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 50 | 50.2 | 100 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 50 | 54.2 | 108 | 70-132 | |
| 1,1-Dichloropropene | ug/L | 50 | 50.8 | 102 | 70-131 | |
| 1,2,3-Trichlorobenzene | ug/L | 50 | 52.0 | 104 | 70-134 | |
| 1,2,3-Trichloropropane | ug/L | 50 | 50.7 | 101 | 70-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 51.0 | 102 | 70-130 | |
| 1,2-Dibromo-3-chloropropane | ug/L | 50 | 50.5 | 101 | 70-132 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 50.5 | 101 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 49.5 | 99 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 50 | 50.5 | 101 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 50 | 52.3 | 105 | 70-130 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

LABORATORY CONTROL SAMPLE: 3260482

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,3-Dichlorobenzene | ug/L | 50 | 49.5 | 99 | 70-130 | |
| 1,3-Dichloropropane | ug/L | 50 | 50.7 | 101 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 50.0 | 100 | 70-130 | |
| 2,2-Dichloropropane | ug/L | 50 | 50.5 | 101 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 100 | 97.0 | 97 | 70-133 | |
| 2-Chlorotoluene | ug/L | 50 | 51.1 | 102 | 70-130 | |
| 2-Hexanone | ug/L | 100 | 104 | 104 | 70-130 | |
| 4-Chlorotoluene | ug/L | 50 | 49.4 | 99 | 70-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 100 | 104 | 104 | 70-130 | |
| Acetone | ug/L | 100 | 108 | 108 | 70-144 | |
| Benzene | ug/L | 50 | 50.1 | 100 | 70-130 | |
| Bromobenzene | ug/L | 50 | 50.3 | 101 | 70-130 | |
| Bromochloromethane | ug/L | 50 | 51.9 | 104 | 70-130 | |
| Bromodichloromethane | ug/L | 50 | 51.7 | 103 | 70-130 | |
| Bromoform | ug/L | 50 | 49.8 | 100 | 70-131 | |
| Bromomethane | ug/L | 50 | 58.2 | 116 | 30-177 | |
| Carbon tetrachloride | ug/L | 50 | 51.8 | 104 | 70-130 | |
| Chlorobenzene | ug/L | 50 | 51.0 | 102 | 70-130 | |
| Chloroethane | ug/L | 50 | 42.5 | 85 | 46-131 | |
| Chloroform | ug/L | 50 | 52.1 | 104 | 70-130 | |
| Chloromethane | ug/L | 50 | 47.6 | 95 | 49-130 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 50.8 | 102 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 50.8 | 102 | 70-130 | |
| Dibromochloromethane | ug/L | 50 | 50.7 | 101 | 70-130 | |
| Dibromomethane | ug/L | 50 | 49.9 | 100 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 50 | 46.7 | 93 | 52-134 | |
| Diisopropyl ether | ug/L | 50 | 48.5 | 97 | 70-131 | |
| Ethylbenzene | ug/L | 50 | 50.9 | 102 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 53.4 | 107 | 70-131 | |
| m&p-Xylene | ug/L | 100 | 103 | 103 | 70-130 | |
| Methyl-tert-butyl ether | ug/L | 50 | 47.5 | 95 | 70-130 | |
| Methylene Chloride | ug/L | 50 | 49.4 | 99 | 68-130 | |
| Naphthalene | ug/L | 50 | 49.6 | 99 | 70-133 | |
| o-Xylene | ug/L | 50 | 50.5 | 101 | 70-130 | |
| p-Isopropyltoluene | ug/L | 50 | 50.4 | 101 | 70-130 | |
| Styrene | ug/L | 50 | 51.5 | 103 | 70-130 | |
| Tetrachloroethene | ug/L | 50 | 50.1 | 100 | 70-130 | |
| Toluene | ug/L | 50 | 50.1 | 100 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 51.1 | 102 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 50.9 | 102 | 70-130 | |
| Trichloroethene | ug/L | 50 | 50.7 | 101 | 70-130 | |
| Trichlorofluoromethane | ug/L | 50 | 56.5 | 113 | 61-130 | |
| Vinyl acetate | ug/L | 100 | 106 | 106 | 70-140 | |
| Vinyl chloride | ug/L | 50 | 47.5 | 95 | 59-142 | |
| Xylene (Total) | ug/L | 150 | 153 | 102 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 101 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 102 | 70-130 | |

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

LABORATORY CONTROL SAMPLE: 3260482

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------|-------|-------------|------------|-----------|--------------|------------|
| Toluene-d8 (S) | % | | | 100 | 70-130 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3260483 3260484

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|-----------------------------|-------|--------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
| | | 92537976008 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | | MSD Result |
| 1,1,1,2-Tetrachloroethane | ug/L | ND | 20 | 20 | 22.5 | 21.6 | 113 | 108 | 70-135 | 4 | 30 | |
| 1,1,1-Trichloroethane | ug/L | ND | 20 | 20 | 24.7 | 23.7 | 123 | 119 | 70-148 | 4 | 30 | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 20 | 20 | 22.8 | 21.8 | 114 | 109 | 70-131 | 5 | 30 | |
| 1,1,2-Trichloroethane | ug/L | ND | 20 | 20 | 22.9 | 22.2 | 114 | 111 | 70-136 | 3 | 30 | |
| 1,1-Dichloroethane | ug/L | 5.5 | 20 | 20 | 29.7 | 28.4 | 121 | 115 | 70-147 | 4 | 30 | |
| 1,1-Dichloroethene | ug/L | ND | 20 | 20 | 26.1 | 25.6 | 131 | 128 | 70-158 | 2 | 30 | |
| 1,1-Dichloropropene | ug/L | ND | 20 | 20 | 24.4 | 23.5 | 122 | 117 | 70-149 | 4 | 30 | |
| 1,2,3-Trichlorobenzene | ug/L | ND | 20 | 20 | 22.6 | 22.2 | 113 | 111 | 68-140 | 2 | 30 | |
| 1,2,3-Trichloropropane | ug/L | ND | 20 | 20 | 22.5 | 22.0 | 113 | 110 | 67-137 | 3 | 30 | |
| 1,2,4-Trichlorobenzene | ug/L | ND | 20 | 20 | 22.8 | 22.2 | 114 | 111 | 70-139 | 3 | 30 | |
| 1,2-Dibromo-3-chloropropane | ug/L | ND | 20 | 20 | 21.3 | 21.4 | 106 | 107 | 69-136 | 1 | 30 | |
| 1,2-Dibromoethane (EDB) | ug/L | ND | 20 | 20 | 22.6 | 21.9 | 113 | 109 | 70-137 | 3 | 30 | |
| 1,2-Dichlorobenzene | ug/L | ND | 20 | 20 | 22.8 | 21.8 | 114 | 109 | 70-133 | 5 | 30 | |
| 1,2-Dichloroethane | ug/L | ND | 20 | 20 | 23.7 | 22.7 | 118 | 114 | 67-138 | 4 | 30 | |
| 1,2-Dichloropropane | ug/L | ND | 20 | 20 | 24.5 | 24.0 | 123 | 120 | 70-138 | 2 | 30 | |
| 1,3-Dichlorobenzene | ug/L | ND | 20 | 20 | 23.1 | 22.2 | 116 | 111 | 70-133 | 4 | 30 | |
| 1,3-Dichloropropane | ug/L | ND | 20 | 20 | 22.8 | 22.1 | 114 | 110 | 70-136 | 3 | 30 | |
| 1,4-Dichlorobenzene | ug/L | ND | 20 | 20 | 23.6 | 22.8 | 118 | 114 | 70-133 | 3 | 30 | |
| 2,2-Dichloropropane | ug/L | ND | 20 | 20 | 26.0 | 24.3 | 130 | 122 | 52-155 | 6 | 30 | |
| 2-Butanone (MEK) | ug/L | ND | 40 | 40 | 41.9 | 42.3 | 105 | 106 | 61-147 | 1 | 30 | |
| 2-Chlorotoluene | ug/L | ND | 20 | 20 | 24.0 | 23.5 | 120 | 118 | 70-141 | 2 | 30 | |
| 2-Hexanone | ug/L | ND | 40 | 40 | 43.6 | 43.3 | 109 | 108 | 67-139 | 1 | 30 | |
| 4-Chlorotoluene | ug/L | ND | 20 | 20 | 23.4 | 22.7 | 117 | 113 | 70-135 | 3 | 30 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 40 | 40 | 44.8 | 45.9 | 112 | 115 | 67-136 | 2 | 30 | |
| Acetone | ug/L | ND | 40 | 40 | 46.7 | 47.1 | 117 | 118 | 55-159 | 1 | 30 | |
| Benzene | ug/L | ND | 20 | 20 | 23.8 | 23.1 | 119 | 115 | 67-150 | 3 | 30 | |
| Bromobenzene | ug/L | ND | 20 | 20 | 23.2 | 22.7 | 116 | 113 | 70-134 | 2 | 30 | |
| Bromochloromethane | ug/L | ND | 20 | 20 | 24.2 | 22.8 | 121 | 114 | 70-146 | 6 | 30 | |
| Bromodichloromethane | ug/L | ND | 20 | 20 | 23.5 | 23.0 | 117 | 115 | 70-138 | 2 | 30 | |
| Bromoform | ug/L | ND | 20 | 20 | 21.6 | 20.6 | 108 | 103 | 57-138 | 5 | 30 | |
| Bromomethane | ug/L | ND | 20 | 20 | 32.2 | 30.3 | 161 | 151 | 10-200 | 6 | 30 | |
| Carbon tetrachloride | ug/L | ND | 20 | 20 | 25.0 | 24.6 | 125 | 123 | 70-147 | 2 | 30 | |
| Chlorobenzene | ug/L | ND | 20 | 20 | 23.6 | 22.5 | 118 | 113 | 70-137 | 5 | 30 | |
| Chloroethane | ug/L | ND | 20 | 20 | 26.0 | 23.9 | 130 | 119 | 51-166 | 9 | 30 | |
| Chloroform | ug/L | ND | 20 | 20 | 24.9 | 24.7 | 124 | 123 | 70-144 | 1 | 30 | |
| Chloromethane | ug/L | ND | 20 | 20 | 22.0 | 21.3 | 110 | 107 | 24-161 | 3 | 30 | |
| cis-1,2-Dichloroethene | ug/L | ND | 20 | 20 | 23.7 | 23.5 | 118 | 118 | 67-148 | 1 | 30 | |
| cis-1,3-Dichloropropene | ug/L | ND | 20 | 20 | 23.1 | 22.7 | 115 | 114 | 70-142 | 2 | 30 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Parameter | Units | 3260483 | | 3260484 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|---------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|------|
| | | 92537976008 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | |
| Dibromochloromethane | ug/L | ND | 20 | 20 | 22.8 | 21.6 | 114 | 108 | 68-138 | 5 | 30 | |
| Dibromomethane | ug/L | ND | 20 | 20 | 22.6 | 22.7 | 113 | 113 | 70-134 | 0 | 30 | |
| Dichlorodifluoromethane | ug/L | ND | 20 | 20 | 22.9 | 21.6 | 115 | 108 | 43-155 | 6 | 30 | |
| Diisopropyl ether | ug/L | ND | 20 | 20 | 22.2 | 21.9 | 111 | 109 | 65-146 | 1 | 30 | |
| Ethylbenzene | ug/L | ND | 20 | 20 | 23.8 | 22.6 | 119 | 113 | 68-143 | 5 | 30 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 20 | 20 | 24.9 | 24.1 | 125 | 121 | 62-151 | 3 | 30 | |
| m&p-Xylene | ug/L | ND | 40 | 40 | 47.7 | 45.4 | 119 | 114 | 53-157 | 5 | 30 | |
| Methyl-tert-butyl ether | ug/L | ND | 20 | 20 | 22.2 | 21.3 | 111 | 107 | 59-156 | 4 | 30 | |
| Methylene Chloride | ug/L | ND | 20 | 20 | 23.6 | 22.9 | 118 | 115 | 64-148 | 3 | 30 | |
| Naphthalene | ug/L | ND | 20 | 20 | 21.3 | 21.2 | 107 | 106 | 57-150 | 0 | 30 | |
| o-Xylene | ug/L | ND | 20 | 20 | 23.6 | 22.3 | 118 | 112 | 68-143 | 6 | 30 | |
| p-Isopropyltoluene | ug/L | ND | 20 | 20 | 23.5 | 22.6 | 118 | 113 | 70-141 | 4 | 30 | |
| Styrene | ug/L | ND | 20 | 20 | 23.6 | 22.2 | 118 | 111 | 70-136 | 6 | 30 | |
| Tetrachloroethene | ug/L | ND | 20 | 20 | 24.2 | 23.1 | 121 | 115 | 70-139 | 5 | 30 | |
| Toluene | ug/L | ND | 20 | 20 | 23.4 | 22.9 | 117 | 115 | 47-157 | 2 | 30 | |
| trans-1,2-Dichloroethene | ug/L | ND | 20 | 20 | 24.4 | 24.1 | 122 | 121 | 70-149 | 1 | 30 | |
| trans-1,3-Dichloropropene | ug/L | ND | 20 | 20 | 23.4 | 23.0 | 117 | 115 | 70-138 | 2 | 30 | |
| Trichloroethene | ug/L | ND | 20 | 20 | 24.3 | 23.3 | 122 | 117 | 70-149 | 4 | 30 | |
| Trichlorofluoromethane | ug/L | ND | 20 | 20 | 25.8 | 25.1 | 129 | 125 | 61-154 | 3 | 30 | |
| Vinyl acetate | ug/L | ND | 40 | 40 | 45.9 | 45.3 | 115 | 113 | 48-156 | 1 | 30 | |
| Vinyl chloride | ug/L | ND | 20 | 20 | 22.9 | 22.0 | 114 | 110 | 55-172 | 4 | 30 | |
| Xylene (Total) | ug/L | ND | 60 | 60 | 71.3 | 67.7 | 119 | 113 | 66-145 | 5 | 30 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | | | 104 | 100 | 70-130 | | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 102 | 100 | 70-130 | | | |
| Toluene-d8 (S) | % | | | | | | 101 | 102 | 70-130 | | | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

QC Batch: 620213 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537966017

METHOD BLANK: 3263117 Matrix: Water
Associated Lab Samples: 92537966017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,1,1-Trichloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,1,2-Trichloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,1-Dichloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,1-Dichloroethene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,1-Dichloropropene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2,3-Trichlorobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2,3-Trichloropropane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2,4-Trichlorobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2-Dibromo-3-chloropropane | ug/L | ND | 2.0 | 05/13/21 12:16 | |
| 1,2-Dibromoethane (EDB) | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2-Dichloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2-Dichloropropane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,3-Dichloropropane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 2,2-Dichloropropane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 2-Butanone (MEK) | ug/L | ND | 5.0 | 05/13/21 12:16 | |
| 2-Chlorotoluene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 2-Hexanone | ug/L | ND | 5.0 | 05/13/21 12:16 | |
| 4-Chlorotoluene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 5.0 | 05/13/21 12:16 | |
| Acetone | ug/L | ND | 25.0 | 05/13/21 12:16 | v1 |
| Benzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Bromobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Bromochloromethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Bromodichloromethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Bromoform | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Bromomethane | ug/L | ND | 2.0 | 05/13/21 12:16 | IK |
| Carbon tetrachloride | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Chlorobenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Chloroethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Chloroform | ug/L | ND | 5.0 | 05/13/21 12:16 | |
| Chloromethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| cis-1,2-Dichloroethene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| cis-1,3-Dichloropropene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Dibromochloromethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Dibromomethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

METHOD BLANK: 3263117 Matrix: Water
Associated Lab Samples: 92537966017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Dichlorodifluoromethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Diisopropyl ether | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Ethylbenzene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 2.0 | 05/13/21 12:16 | |
| m&p-Xylene | ug/L | ND | 2.0 | 05/13/21 12:16 | |
| Methyl-tert-butyl ether | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Methylene Chloride | ug/L | ND | 5.0 | 05/13/21 12:16 | |
| Naphthalene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| o-Xylene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| p-Isopropyltoluene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Styrene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Tetrachloroethene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Toluene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| trans-1,2-Dichloroethene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| trans-1,3-Dichloropropene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Trichloroethene | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Trichlorofluoromethane | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Vinyl acetate | ug/L | ND | 2.0 | 05/13/21 12:16 | |
| Vinyl chloride | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| Xylene (Total) | ug/L | ND | 1.0 | 05/13/21 12:16 | |
| 1,2-Dichloroethane-d4 (S) | % | 97 | 70-130 | 05/13/21 12:16 | |
| 4-Bromofluorobenzene (S) | % | 98 | 70-130 | 05/13/21 12:16 | |
| Toluene-d8 (S) | % | 99 | 70-130 | 05/13/21 12:16 | |

LABORATORY CONTROL SAMPLE: 3263118

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | 50 | 53.4 | 107 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 50 | 49.1 | 98 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 57.2 | 114 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 51.0 | 102 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 50 | 54.2 | 108 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 50 | 49.5 | 99 | 70-132 | |
| 1,1-Dichloropropene | ug/L | 50 | 50.7 | 101 | 70-131 | |
| 1,2,3-Trichlorobenzene | ug/L | 50 | 54.9 | 110 | 70-134 | |
| 1,2,3-Trichloropropane | ug/L | 50 | 55.1 | 110 | 70-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 53.1 | 106 | 70-130 | |
| 1,2-Dibromo-3-chloropropane | ug/L | 50 | 58.5 | 117 | 70-132 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 53.5 | 107 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 49.6 | 99 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 50 | 50.0 | 100 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 50 | 54.1 | 108 | 70-130 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 50.4 | 101 | 70-130 | |
| 1,3-Dichloropropane | ug/L | 50 | 53.3 | 107 | 70-130 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

LABORATORY CONTROL SAMPLE: 3263118

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,4-Dichlorobenzene | ug/L | 50 | 50.0 | 100 | 70-130 | |
| 2,2-Dichloropropane | ug/L | 50 | 51.3 | 103 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 100 | 117 | 117 | 70-133 | |
| 2-Chlorotoluene | ug/L | 50 | 50.9 | 102 | 70-130 | |
| 2-Hexanone | ug/L | 100 | 117 | 117 | 70-130 | |
| 4-Chlorotoluene | ug/L | 50 | 50.3 | 101 | 70-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 100 | 108 | 108 | 70-130 | |
| Acetone | ug/L | 100 | 128 | 128 | 70-144 v1 | |
| Benzene | ug/L | 50 | 53.2 | 106 | 70-130 | |
| Bromobenzene | ug/L | 50 | 50.3 | 101 | 70-130 | |
| Bromochloromethane | ug/L | 50 | 53.6 | 107 | 70-130 | |
| Bromodichloromethane | ug/L | 50 | 51.6 | 103 | 70-130 | |
| Bromoform | ug/L | 50 | 54.8 | 110 | 70-131 | |
| Bromomethane | ug/L | 50 | 36.7 | 73 | 30-177 IK | |
| Carbon tetrachloride | ug/L | 50 | 50.5 | 101 | 70-130 | |
| Chlorobenzene | ug/L | 50 | 52.6 | 105 | 70-130 | |
| Chloroethane | ug/L | 50 | 50.9 | 102 | 46-131 | |
| Chloroform | ug/L | 50 | 52.7 | 105 | 70-130 | |
| Chloromethane | ug/L | 50 | 52.9 | 106 | 49-130 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 52.3 | 105 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 52.4 | 105 | 70-130 | |
| Dibromochloromethane | ug/L | 50 | 55.1 | 110 | 70-130 | |
| Dibromomethane | ug/L | 50 | 53.3 | 107 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 50 | 37.4 | 75 | 52-134 | |
| Diisopropyl ether | ug/L | 50 | 53.8 | 108 | 70-131 | |
| Ethylbenzene | ug/L | 50 | 51.9 | 104 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 54.1 | 108 | 70-131 | |
| m&p-Xylene | ug/L | 100 | 104 | 104 | 70-130 | |
| Methyl-tert-butyl ether | ug/L | 50 | 53.6 | 107 | 70-130 | |
| Methylene Chloride | ug/L | 50 | 46.9 | 94 | 68-130 | |
| Naphthalene | ug/L | 50 | 56.3 | 113 | 70-133 | |
| o-Xylene | ug/L | 50 | 52.2 | 104 | 70-130 | |
| p-Isopropyltoluene | ug/L | 50 | 50.5 | 101 | 70-130 | |
| Styrene | ug/L | 50 | 53.4 | 107 | 70-130 | |
| Tetrachloroethene | ug/L | 50 | 49.9 | 100 | 70-130 | |
| Toluene | ug/L | 50 | 49.0 | 98 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 55.8 | 112 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 51.2 | 102 | 70-130 | |
| Trichloroethene | ug/L | 50 | 51.4 | 103 | 70-130 | |
| Trichlorofluoromethane | ug/L | 50 | 41.7 | 83 | 61-130 | |
| Vinyl acetate | ug/L | 100 | 122 | 122 | 70-140 | |
| Vinyl chloride | ug/L | 50 | 47.5 | 95 | 59-142 | |
| Xylene (Total) | ug/L | 150 | 156 | 104 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 93 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 101 | 70-130 | |
| Toluene-d8 (S) | % | | | 95 | 70-130 | |

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3263119 3263120 | | | | | | | | | | | | | |
|--|-------|-----------------------|----------------|----------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|----------|------|
| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
| | | 92537746001 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/L | ND | 400 | 400 | 582 | 433 | 146 | 108 | 70-135 | 29 | 30 | M1 | |
| 1,1,1-Trichloroethane | ug/L | ND | 400 | 400 | 589 | 438 | 147 | 110 | 70-148 | 29 | 30 | | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 400 | 400 | 618 | 453 | 154 | 113 | 70-131 | 31 | 30 | M1,R1 | |
| 1,1,2-Trichloroethane | ug/L | ND | 400 | 400 | 581 | 426 | 145 | 106 | 70-136 | 31 | 30 | M1,R1 | |
| 1,1-Dichloroethane | ug/L | ND | 400 | 400 | 640 | 472 | 160 | 118 | 70-147 | 30 | 30 | M1 | |
| 1,1-Dichloroethene | ug/L | ND | 400 | 400 | 604 | 444 | 151 | 111 | 70-158 | 30 | 30 | | |
| 1,1-Dichloropropene | ug/L | ND | 400 | 400 | 620 | 454 | 155 | 113 | 70-149 | 31 | 30 | M1,R1 | |
| 1,2,3-Trichlorobenzene | ug/L | ND | 400 | 400 | 575 | 444 | 144 | 111 | 68-140 | 26 | 30 | M1 | |
| 1,2,3-Trichloropropane | ug/L | ND | 400 | 400 | ND | ND | 0 | 0 | 67-137 | | 30 | M1 | |
| 1,2,4-Trichlorobenzene | ug/L | ND | 400 | 400 | 552 | 431 | 138 | 108 | 70-139 | 25 | 30 | | |
| 1,2-Dibromo-3-chloropropane | ug/L | ND | 400 | 400 | 608 | 460 | 152 | 115 | 69-136 | 28 | 30 | M1 | |
| 1,2-Dibromoethane (EDB) | ug/L | ND | 400 | 400 | 590 | 440 | 148 | 110 | 70-137 | 29 | 30 | M1 | |
| 1,2-Dichlorobenzene | ug/L | ND | 400 | 400 | 540 | 414 | 135 | 104 | 70-133 | 26 | 30 | M1 | |
| 1,2-Dichloroethane | ug/L | ND | 400 | 400 | 556 | 413 | 139 | 103 | 67-138 | 30 | 30 | M1 | |
| 1,2-Dichloropropane | ug/L | ND | 400 | 400 | 646 | 483 | 161 | 121 | 70-138 | 29 | 30 | M1 | |
| 1,3-Dichlorobenzene | ug/L | ND | 400 | 400 | 546 | 424 | 137 | 106 | 70-133 | 25 | 30 | M1 | |
| 1,3-Dichloropropane | ug/L | ND | 400 | 400 | 605 | 449 | 151 | 112 | 70-136 | 30 | 30 | M1 | |
| 1,4-Dichlorobenzene | ug/L | ND | 400 | 400 | 542 | 417 | 136 | 104 | 70-133 | 26 | 30 | M1 | |
| 2,2-Dichloropropane | ug/L | ND | 400 | 400 | 548 | 410 | 137 | 102 | 52-155 | 29 | 30 | | |
| 2-Butanone (MEK) | ug/L | ND | 800 | 800 | 1290 | 927 | 161 | 116 | 61-147 | 33 | 30 | M1,R1 | |
| 2-Chlorotoluene | ug/L | ND | 400 | 400 | 951 | 617 | 238 | 154 | 70-141 | 43 | 30 | M1,R1 | |
| 2-Hexanone | ug/L | ND | 800 | 800 | 1240 | 884 | 154 | 111 | 67-139 | 33 | 30 | M1,R1 | |
| 4-Chlorotoluene | ug/L | ND | 400 | 400 | 549 | 421 | 137 | 105 | 70-135 | 26 | 30 | M1 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 800 | 800 | 1170 | 842 | 147 | 105 | 67-136 | 33 | 30 | M1,R1 | |
| Acetone | ug/L | ND | 800 | 800 | 1350 | 994 | 169 | 124 | 55-159 | 31 | 30 | M1,R1,v1 | |
| Benzene | ug/L | 3180 | 400 | 400 | 4040 | 3720 | 215 | 135 | 67-150 | 8 | 30 | E,M1 | |
| Bromobenzene | ug/L | ND | 400 | 400 | 548 | 425 | 137 | 106 | 70-134 | 25 | 30 | M1 | |
| Bromochloromethane | ug/L | ND | 400 | 400 | 625 | 470 | 156 | 118 | 70-146 | 28 | 30 | M1 | |
| Bromodichloromethane | ug/L | ND | 400 | 400 | 580 | 436 | 145 | 109 | 70-138 | 28 | 30 | M1 | |
| Bromoform | ug/L | ND | 400 | 400 | 555 | 415 | 139 | 104 | 57-138 | 29 | 30 | M1 | |
| Bromomethane | ug/L | ND | 400 | 400 | 591 | 411 | 148 | 103 | 10-200 | 36 | 30 | IK,R1 | |
| Carbon tetrachloride | ug/L | ND | 400 | 400 | 594 | 451 | 149 | 113 | 70-147 | 27 | 30 | M1 | |
| Chlorobenzene | ug/L | ND | 400 | 400 | 593 | 445 | 148 | 111 | 70-137 | 29 | 30 | M1 | |
| Chloroethane | ug/L | ND | 400 | 400 | 692 | 640 | 173 | 160 | 51-166 | 8 | 30 | M1 | |
| Chloroform | ug/L | ND | 400 | 400 | 636 | 468 | 158 | 116 | 70-144 | 30 | 30 | M1 | |
| Chloromethane | ug/L | ND | 400 | 400 | 612 | 437 | 153 | 109 | 24-161 | 33 | 30 | R1 | |
| cis-1,2-Dichloroethene | ug/L | ND | 400 | 400 | 618 | 461 | 155 | 115 | 67-148 | 29 | 30 | M1 | |
| cis-1,3-Dichloropropene | ug/L | ND | 400 | 400 | 559 | 418 | 140 | 105 | 70-142 | 29 | 30 | | |
| Dibromochloromethane | ug/L | ND | 400 | 400 | 599 | 438 | 150 | 110 | 68-138 | 31 | 30 | M1,R1 | |
| Dibromomethane | ug/L | ND | 400 | 400 | 596 | 443 | 149 | 111 | 70-134 | 30 | 30 | M1 | |
| Dichlorodifluoromethane | ug/L | ND | 400 | 400 | 478 | 357 | 119 | 89 | 43-155 | 29 | 30 | | |
| Diisopropyl ether | ug/L | 26.1 | 400 | 400 | 638 | 478 | 153 | 113 | 65-146 | 29 | 30 | M1 | |
| Ethylbenzene | ug/L | 1680 | 400 | 400 | 2360 | 2170 | 169 | 124 | 68-143 | 8 | 30 | M1 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Parameter | Units | 3263119 | | 3263120 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|---------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-------|------|
| | | 92537746001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| Hexachloro-1,3-butadiene | ug/L | ND | 400 | 400 | 570 | 442 | 142 | 110 | 62-151 | 25 | 30 | | |
| m&p-Xylene | ug/L | 5900 | 800 | 800 | 7320 | 6870 | 177 | 121 | 53-157 | 6 | 30 | M1 | |
| Methyl-tert-butyl ether | ug/L | 524 | 400 | 400 | 1180 | 994 | 165 | 117 | 59-156 | 17 | 30 | M1 | |
| Methylene Chloride | ug/L | ND | 400 | 400 | 499 | 331 | 125 | 83 | 64-148 | 41 | 30 | R1 | |
| Naphthalene | ug/L | 758 | 400 | 400 | 1420 | 1260 | 166 | 126 | 57-150 | 12 | 30 | M1 | |
| o-Xylene | ug/L | 3320 | 400 | 400 | 4070 | 3830 | 188 | 127 | 68-143 | 6 | 30 | E,M1 | |
| p-Isopropyltoluene | ug/L | ND | 400 | 400 | 587 | 456 | 147 | 114 | 70-141 | 25 | 30 | M1 | |
| Styrene | ug/L | ND | 400 | 400 | 696 | 547 | 174 | 137 | 70-136 | 24 | 30 | M1 | |
| Tetrachloroethene | ug/L | ND | 400 | 400 | 563 | 420 | 141 | 105 | 70-139 | 29 | 30 | M1 | |
| Toluene | ug/L | 685 | 400 | 400 | 1310 | 1130 | 156 | 111 | 47-157 | 15 | 30 | | |
| trans-1,2-Dichloroethene | ug/L | ND | 400 | 400 | 638 | 479 | 159 | 120 | 70-149 | 28 | 30 | M1 | |
| trans-1,3-Dichloropropene | ug/L | ND | 400 | 400 | 547 | 401 | 137 | 100 | 70-138 | 31 | 30 | R1 | |
| Trichloroethene | ug/L | ND | 400 | 400 | 608 | 450 | 152 | 112 | 70-149 | 30 | 30 | M1 | |
| Trichlorofluoromethane | ug/L | ND | 400 | 400 | 532 | 393 | 133 | 98 | 61-154 | 30 | 30 | | |
| Vinyl acetate | ug/L | ND | 800 | 800 | 1310 | 960 | 164 | 120 | 48-156 | 31 | 30 | M1,R1 | |
| Vinyl chloride | ug/L | ND | 400 | 400 | 620 | 462 | 155 | 115 | 55-172 | 29 | 30 | | |
| Xylene (Total) | ug/L | 9230 | 1200 | 1200 | 11400 | 10700 | 180 | 123 | 66-145 | 6 | 30 | ES,MS | |
| 1,2-Dichloroethane-d4 (S) | % | | | | | | 89 | 94 | 70-130 | | | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 100 | 100 | 70-130 | | | | |
| Toluene-d8 (S) | % | | | | | | 96 | 95 | 70-130 | | | | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

| | | | |
|------------------|----------------|-----------------------|--------------------------------------|
| QC Batch: | 619690 | Analysis Method: | EPA 8260D Mod. |
| QC Batch Method: | EPA 8260D Mod. | Analysis Description: | 8260D MSV SIM |
| | | Laboratory: | Pace Analytical Services - Charlotte |

Associated Lab Samples: 92537966001, 92537966002, 92537966003, 92537966004, 92537966005, 92537966006, 92537966007, 92537966008, 92537966009, 92537966010, 92537966011, 92537966012, 92537966013, 92537966014, 92537966015

METHOD BLANK: 3260219 Matrix: Water

Associated Lab Samples: 92537966001, 92537966002, 92537966003, 92537966004, 92537966005, 92537966006, 92537966007, 92537966008, 92537966009, 92537966010, 92537966011, 92537966012, 92537966013, 92537966014, 92537966015

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| 1,4-Dioxane (p-Dioxane) | ug/L | ND | 2.0 | 05/11/21 14:52 | |
| 1,2-Dichloroethane-d4 (S) | % | 89 | 70-130 | 05/11/21 14:52 | |
| Toluene-d8 (S) | % | 111 | 66-133 | 05/11/21 14:52 | |

LABORATORY CONTROL SAMPLE: 3260220

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,4-Dioxane (p-Dioxane) | ug/L | 20 | 19.9 | 99 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 90 | 70-130 | |
| Toluene-d8 (S) | % | | | 113 | 66-133 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3260221 3260222

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|--------------------|-------------|-------------|--------|----------|-----------|--------------|--------|---------|------|
| | | 92537966014 Result | Spike Conc. | Spike Conc. | Result | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ug/L | 22.6 | 20 | 20 | 41.5 | 43.1 | 95 | 103 | 64-141 | 4 | 30 |
| 1,2-Dichloroethane-d4 (S) | % | | | | | | 88 | 91 | 70-130 | | 30 |
| Toluene-d8 (S) | % | | | | | | 109 | 109 | 66-133 | | 30 |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Kop-Flex Facility Site
Pace Project No.: 92537966

QC Batch: 619692 Analysis Method: EPA 8260D Mod.
QC Batch Method: EPA 8260D Mod. Analysis Description: 8260D MSV SIM
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537966016, 92537966017, 92537966018

METHOD BLANK: 3260240 Matrix: Water

Associated Lab Samples: 92537966016, 92537966017, 92537966018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| 1,4-Dioxane (p-Dioxane) | ug/L | ND | 2.0 | 05/11/21 14:55 | |
| 1,2-Dichloroethane-d4 (S) | % | 109 | 70-130 | 05/11/21 14:55 | |
| Toluene-d8 (S) | % | 97 | 66-133 | 05/11/21 14:55 | |

LABORATORY CONTROL SAMPLE: 3260241

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,4-Dioxane (p-Dioxane) | ug/L | 20 | 18.0 | 90 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 110 | 70-130 | |
| Toluene-d8 (S) | % | | | 99 | 66-133 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3260242 3260243

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|--------------------|-------------|-------------|--------|----------|-----------|--------------|--------|---------|------|
| | | 92537966017 Result | Spike Conc. | Spike Conc. | Result | | | | | | |
| 1,4-Dioxane (p-Dioxane) | ug/L | 299 | 100 | 100 | 394 | 369 | 95 | 70 | 64-141 | 7 | 30 |
| 1,2-Dichloroethane-d4 (S) | % | | | | | | 109 | 108 | 70-130 | | 30 |
| Toluene-d8 (S) | % | | | | | | 92 | 93 | 66-133 | | 30 |

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

| | |
|----|--|
| E | Analyte concentration exceeded the calibration range. The reported result is estimated. |
| ES | The reported result is estimated because one or more of the constituent results are qualified as such. |
| IH | This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value. |
| IK | The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value. |
| 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. |
| R1 | RPD value was outside control limits. |
| RS | The RPD value in one of the constituent analytes was outside the 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. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Kop-Flex Facility Site

Pace Project No.: 92537966

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|--------------|-----------------|----------|-------------------|------------------|
| 92537966001 | MW-46D | EPA 8260D | 619721 | | |
| 92537966002 | MW-35D | EPA 8260D | 619721 | | |
| 92537966003 | MW-34D | EPA 8260D | 619721 | | |
| 92537966004 | MW-31D | EPA 8260D | 619721 | | |
| 92537966005 | MW-33D-295 | EPA 8260D | 619721 | | |
| 92537966006 | MW-33D-235 | EPA 8260D | 619721 | | |
| 92537966007 | MW-29D | EPA 8260D | 619721 | | |
| 92537966008 | MW-30D-413 | EPA 8260D | 619721 | | |
| 92537966009 | MW-30D-273 | EPA 8260D | 619721 | | |
| 92537966010 | MW-32D | EPA 8260D | 619721 | | |
| 92537966011 | MW-28D | EPA 8260D | 619721 | | |
| 92537966012 | MW-36D | EPA 8260D | 619721 | | |
| 92537966013 | MW-25D-130 | EPA 8260D | 619682 | | |
| 92537966014 | MW-25D-190 | EPA 8260D | 619682 | | |
| 92537966015 | DUP-20210510 | EPA 8260D | 619682 | | |
| 92537966016 | TRIP BLANK B | EPA 8260D | 619682 | | |
| 92537966017 | MW-24D | EPA 8260D | 620213 | | |
| 92537966018 | MW-45 | EPA 8260D | 619682 | | |
| 92537966001 | MW-46D | EPA 8260D Mod. | 619690 | | |
| 92537966002 | MW-35D | EPA 8260D Mod. | 619690 | | |
| 92537966003 | MW-34D | EPA 8260D Mod. | 619690 | | |
| 92537966004 | MW-31D | EPA 8260D Mod. | 619690 | | |
| 92537966005 | MW-33D-295 | EPA 8260D Mod. | 619690 | | |
| 92537966006 | MW-33D-235 | EPA 8260D Mod. | 619690 | | |
| 92537966007 | MW-29D | EPA 8260D Mod. | 619690 | | |
| 92537966008 | MW-30D-413 | EPA 8260D Mod. | 619690 | | |
| 92537966009 | MW-30D-273 | EPA 8260D Mod. | 619690 | | |
| 92537966010 | MW-32D | EPA 8260D Mod. | 619690 | | |
| 92537966011 | MW-28D | EPA 8260D Mod. | 619690 | | |
| 92537966012 | MW-36D | EPA 8260D Mod. | 619690 | | |
| 92537966013 | MW-25D-130 | EPA 8260D Mod. | 619690 | | |
| 92537966014 | MW-25D-190 | EPA 8260D Mod. | 619690 | | |
| 92537966015 | DUP-20210510 | EPA 8260D Mod. | 619690 | | |
| 92537966016 | TRIP BLANK B | EPA 8260D Mod. | 619692 | | |
| 92537966017 | MW-24D | EPA 8260D Mod. | 619692 | | |
| 92537966018 | MW-45 | EPA 8260D Mod. | 619692 | | |

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:
WSP VA

Project #: **WO# : 92537966**

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



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 5-1-21 LP

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 921064 Type of Ice: Wet Blue None

Cooler Temp: 3.312.1.4.1 Correction Factor: Add/Subtract (°C) 0.0°C

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

Cooler Temp Corrected (°C): 3.32.1.1 4.1.1.8

USDA Regulated Soil N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

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

| | Comments/Discrepancy: |
|--|-----------------------|
| Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1. |
| Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 4. |
| Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 5. |
| Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 6. |
| Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 7. |
| Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 8. |
| Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes Date/Time/ID/Analysis Matrix: <u>WT</u> | 9. |
| Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 10. |
| Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 11. |
| Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



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

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

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

Project

WO# : 92537966

PM: BV

Due Date: 05/18/21

CLIENT : 92-WSP

| Item# | BP4U-125 mL Plastic Unpreserved (N/A) (Cl-) | BP3U-250 mL Plastic Unpreserved (N/A) | BP2U-500 mL Plastic Unpreserved (N/A) | BP1U-1 liter Plastic Unpreserved (N/A) | BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-) | BP3N-250 mL plastic HNO3 (pH < 2) | BP4Z-125 mL Plastic ZN Acetate & NaOH (>9) | BP4C-125 mL Plastic NaOH (pH > 12) (Cl-) | WGFU-Wide-mouthed Glass jar Unpreserved | AG1U-1 liter Amber Unpreserved (N/A) (Cl-) | AG1H-1 liter Amber HCl (pH < 2) | AG3U-250 mL Amber Unpreserved (N/A) (Cl-) | AG1S-1 liter Amber H2SO4 (pH < 2) | AG3S-250 mL Amber H2SO4 (pH < 2) | AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-) | DG9H-40 mL VOA HCl (N/A) | VG9T-40 mL VOA Na2S2O3 (N/A) | VG9U-40 mL VOA Unp (N/A) | DG9P-40 mL VOA H3PO4 (N/A) | VOAK (6 vials per kit)-5035 kit (N/A) | V/GK (3 vials per kit)-VPH/Gas kit (N/A) | SP5T-125 mL Sterile Plastic (N/A - lab) | SP2T-250 mL Sterile Plastic (N/A - lab) | BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7) | AG0U-100 mL Amber Unpreserved vials (N/A) | VSGU-20 mL Scintillation vials (N/A) | DG9U-40 mL Amber Unpreserved vials (N/A) | |
|-------|---|---------------------------------------|---------------------------------------|--|--|-----------------------------------|--|--|---|--|---------------------------------|---|-----------------------------------|----------------------------------|--|--------------------------|------------------------------|--------------------------|----------------------------|---------------------------------------|--|---|---|---|---|--------------------------------------|--|---|
| 1 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 2 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 3 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 4 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 5 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 6 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 7 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 8 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 9 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 10 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 11 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |
| 12 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | 6 | / | / | / | / | / | / | / | / | / | / | / | / |

pH Adjustment Log for Preserved Samples

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

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



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

Project #

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

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

| Item# | BP4U-125 mL Plastic Unpreserved (N/A) (Cl-) | BP3U-250 mL Plastic Unpreserved (N/A) | BP2U-500 mL Plastic Unpreserved (N/A) | BP1U-1 liter Plastic Unpreserved (N/A) | BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-) | BP3N-250 mL plastic HNO3 (pH < 2) | BP4Z-125 mL Plastic ZN Acetate & NaOH (>9) | BP4C-125 mL Plastic NaOH (pH > 12) (Cl-) | WGFU-Wide-mouthed Glass jar Unpreserved | AG1U-1 liter Amber Unpreserved (N/A) (Cl-) | AG1H-1 liter Amber HCl (pH < 2) | AG3U-250 mL Amber Unpreserved (N/A) (Cl-) | AG1S-1 liter Amber H2SO4 (pH < 2) | AG3S-250 mL Amber H2SO4 (pH < 2) | AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-) | DG9H-40 mL VOA HCl (N/A) | VG9T-40 mL VOA Na2S2O3 (N/A) | VG9U-40 mL VOA Unp (N/A) | DG9P-40 mL VOA H3PO4 (N/A) | VOAK (6 vials per kit)-5035 kit (N/A) | V/GK (3 vials per kit)-VPH/Gas kit (N/A) | SP5T-125 mL Sterile Plastic (N/A - lab) | SP2T-250 mL Sterile Plastic (N/A - lab) | BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7) | AG0U-100 mL Amber Unpreserved vials (N/A) | V5GU-20 mL Scintillation vials (N/A) | DG9U-40 mL Amber Unpreserved vials (N/A) | |
|-------|---|---------------------------------------|---------------------------------------|--|--|-----------------------------------|--|--|---|--|---------------------------------|---|-----------------------------------|----------------------------------|--|--------------------------|------------------------------|--------------------------|----------------------------|---------------------------------------|--|---|---|---|---|--------------------------------------|--|--|
| 1 | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

pH Adjustment Log for Preserved Samples

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

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

CHAIN-OF-CUSTODY RECORD

| | | | | | | | | | |
|---|--|---|--|--|--|---|--|----------------------|--|
| WSP USA Office Address Herrndon, VA | | WSP USA Contact Name Molly Lyons | | Requested Analyses & Preservatives VOC B260D 1,4-dioxane B260D+SIM | | No. 10580 | | WSP | |
| Project Name Kroger Office | | WSP USA Contact E-mail Molly.Lyons@wsp.com | | | | Laboratory Name & Location Pace, NC | | | |
| Project Location Haver, MD | | WSP USA Contact Phone 703 709 0550 | | | | Laboratory Project Manager Bonnie V | | | |
| Project Number & Task 314015-45.0111 | | Sampler(s) Name(s) Molly Lyons | | | | Requested Turn-Around Time <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR | | | |
| Sample Identification | | Matrix | | Collection Sheet Date | | Collection Sheet Date | | Number of Containers | |
| MW-46D | | AQ | | 5/9/12 | | 17 30 | | 6 | |
| MW-35D | | S | | 5/10/12 | | 08 50 | | 6 | |
| MW-34D | | S | | 5/9/12 | | 09 25 | | 6 | |
| MW-31D | | S | | 5/9/12 | | 04 45 | | 6 | |
| MW-33D-295 | | S | | 5/9/12 | | 10 15 | | 6 | |
| MW-33D-235 | | S | | 5/9/12 | | 10 25 | | 6 | |
| MW-29D | | S | | 5/9/12 | | 10 50 | | 6 | |
| MW-30D-413 | | S | | 5/9/12 | | 11 05 | | 6 | |
| MW-30D-223 | | S | | 5/9/12 | | 11 15 | | 6 | |
| MW-32D | | S | | 5/9/12 | | 11 35 | | 6 | |
| MW-28D | | S | | 5/9/12 | | 12 35 | | 6 | |
| MW-31D | | S | | 5/9/12 | | 12 45 | | 6 | |
| MW-25D-130 | | S | | 5/9/12 | | 13 10 | | 6 | |
| MW-25D-190 | | S | | 5/9/12 | | 13 20 | | 6 | |
| DJP-20210510 | | S | | 5/9/12 | | 09 05 | | 6 | |
| Relinquished By (Signature) | | Date | | Time | | Received By (Signature) | | Date | |
| [Signature] | | 5/10/12 | | 12:00 | | [Signature] | | 5/11/12 | |
| Relinquished By (Signature) | | Date | | Time | | Received By (Signature) | | Date | |
| [Signature] | | | | | | [Signature] | | 5/11/12 | |
| Shipment Method E-Box | | Number of Packages | | Tracking Number(s) | | Custody Seal Number(s) | | | |
| E-Box | | 1 | | 011 | | 015 | | | |

* Use stop time/date for composite and/or air samples; use only start time/date for all other samples. Matrix: AQ = Aqueous, S = Soil, SE = Sediment, A = Air, W = Wipe, B = Bulk, O = Other (detail in comments)

CHAIN-OF-CUSTODY RECORD

| WSP USA Office Address Henderson, VA | | WSP USA Contact Name Molly Long | | Requested Analyses & Preservatives VOL 02601 WSP-DOPE 1,4-dioxane BIOBODSIM | | No. 10592 | | WSP | |
|---|-----------------------|--|-------------------------|---|---------|---|--------------------|------------------------|------------------------|
| Project Name KONFLEX OFFSITE | | WSP USA Contact E-mail Molly.Long@wsp.com | | | | Laboratory Name & Location Pace NYC | | | |
| Project Location Hanover, MD | | WSP USA Contact Phone 303 799 6500 | | | | Laboratory Project Manager Bonnie V. | | | |
| Project Number & Task 31401545-0111 | | Sampler(s) Signature(s) ML | | | | Requested Turn-Around-Time <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR | | | |
| Sampler(s) Name(s) Molly Long | | Matrix | | | | Sample Comments MS/MSD of MU-2SD-190 | | | |
| Sample Identification | Collection Start Date | Collection Stop Time | Number of Containers | | Date | Time | Shipment Method | Tracking Number(s) | Custody Seal Number(s) |
| | | | Time | Count | | | | | |
| MU-2SD-190-MS AD | 5/10/21 | 13:20 | 6 | X | 5-11-21 | 1140 | | | |
| MU-2SD-190-MSP | 5/10/21 | 13:20 | 6 | XX | | | | | |
| Top Blank B | | Lab provided | 4 | X | | | | | |
| MU-244D | 5/10/21 | 13:55 | 6 | X | | | | | |
| MU-45 | 5/10/21 | 14:15 | 6 | X | | | | | |
| Relinquished By (Signature) | Date | Time | Received By (Signature) | Date | Time | Shipment Method | Tracking Number(s) | Custody Seal Number(s) | |
| | | | SE HLC | 5-11-21 | 1140 | | | | |

*Use stop time/date for composite and/or for samples; use only start time/date for all other samples. Matrix: AD = Aqueous, S = Soil, SE = Sediment, A = Air, W = Wipe, B = Bulk, O = Other (detail in comments)

A A B A A