

**Pinellas County, Florida, Site
Environmental Restoration Project**

**Environmental Monitoring Annual
Progress Report for the
Building 100 Area at the
Young - Rainey STAR Center**

June 2020 Through May 2021

July 2021



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

cDCE	<i>cis</i> -1,2-dichloroethene
COPC	contaminant of potential concern
CTL	cleanup target level
1,1-DCE	1,1-dichloroethene
dioxane	1,4-dioxane
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
EVO	emulsified vegetable oil
FAC	<i>Florida Administrative Code</i>
FDEP	Florida Department of Environmental Protection
ft amsl	feet above mean sea level
HSWA	Hazardous and Solid Waste Amendments
MAROS	Monitoring and Remediation Optimization System
mg/L	milligrams per liter
µg/L	micrograms per liter
RPD	relative percent difference
STAR Center	Young - Rainey Science, Technology, and Research Center
SWMU	solid-waste management unit
TCE	trichloroethene
TCOPCs	total contaminants of potential concern
tDCE	<i>trans</i> -1,2-dichloroethene
VC	vinyl chloride
VOC	volatile organic compound

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Executive Summary

The Building 100 Area is part of the U.S. Department of Energy (DOE) Office of Legacy Management Pinellas County, Florida, Site. The Building 100 Area was originally part of the Pinellas Plant, a former DOE-owned facility now owned by the Pinellas County Industrial Development Authority and known as the Young - Rainey Science, Technology, and Research (STAR) Center. Weapons research, development, and production were conducted at the plant until DOE completed its mission there in 1995. Groundwater at the site was impacted by chlorinated solvents as a result of onsite activities during DOE operations.

The STAR Center is now an active business park. Because the contaminant source areas are beneath the STAR Center's primary, 11-acre occupied building, the sources cannot be properly characterized or delineated without disrupting owner operations. For this reason, DOE installed four stacked pairs of horizontal injection wells beneath the building in 2015 to perform bioinjection to remediate groundwater in the interpreted source areas. DOE has conducted three bioinjection events into these horizontal wells to date: the first in November 2015, the second in January–February 2017, and the third in August–October 2019.

In addition to the horizontal injection events, DOE performed four bioinjection events using temporary vertical injection points for injection into the Building 100 Area downgradient dissolved-phase groundwater contaminant plumes. These events took place in October–November 2014, February 2015, January–March 2017, and August–December 2019.

These bioinjection events consisted of injecting emulsified vegetable oil and the microorganism *Dehalococcoides mccartyi* into the subsurface to enhance naturally occurring biological degradation of the solvents. The effectiveness of these remediation efforts is assessed by collecting groundwater samples on a semiannual basis. These actions have resulted in significant reduction of contaminant concentrations in onsite and offsite monitoring wells. Decreases in concentrations are especially evident in analytical data from the February–March 2021 sampling event.

The only remaining contaminants detected above their respective cleanup target levels are 1,4-dioxane, trichloroethene (TCE), *cis*-1,2-dichloroethene (cDCE), and vinyl chloride (VC). It is anticipated that TCE, cDCE, and VC will continue to degrade and that concentrations will continue to decline. While closure and performance monitoring are ongoing, DOE will continue to pursue a conditional closure of the Building 100 Area under the State of Florida risk-based corrective action rules, pending implementation of restrictive covenants.

The contaminant trend graphs in this report indicate the following:

1. The injected microbial solution is reaching contaminant source areas and the downgradient dissolved-phase plumes.
2. The dechlorination process is proceeding as expected.
3. The bioinjection corrective actions are successfully remediating the dissolved-phase plumes downgradient from the building.

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1.0 Introduction

The Building 100 Area is part of the U.S. Department of Energy (DOE) Office of Legacy Management Pinellas County, Florida, Site. The Pinellas County site is also known as the Young - Rainey Science, Technology, and Research Center (STAR Center), a former DOE facility that was constructed in the mid-1950s. The 96-acre STAR Center is in Largo, Florida, in the northeast quarter of Section 13, Township 30 South, Range 15 East (Figure 1). The property was sold to Pinellas County in 1995, and DOE cleaned out and vacated the buildings in 1997. While it was owned by DOE, the purpose of the site was to develop and manufacture nonnuclear components for the nation's nuclear weapons program. In 1987, the U.S. Environmental Protection Agency (EPA) performed a Resource Conservation and Recovery Act Facility Assessment (EPA 1988) at the site to gather information about potential releases of hazardous materials.

In February 1990, EPA issued a Hazardous and Solid Waste Amendments (HSWA) permit to DOE. The permit required DOE to investigate and perform remediation activities in those areas designated as solid-waste management units (SWMUs) that were contaminated by hazardous materials resulting from DOE operations. Seventeen SWMUs were identified and investigated at the STAR Center. By 1997, 13 of the 17 SWMUs had been remediated or approved for no further action.

More recently, the Florida Department of Environmental Protection (FDEP) executed three Declarations of Restrictive Covenants with (1) Pinellas County for the Northeast Site, the Wastewater Neutralization Area, and the Building 100 Area, and (2) the owners of three impacted offsite properties: Pinellas County School Board, Bank of Tampa, and BCH-1 LTD. FDEP subsequently executed Conditional Site Rehabilitation Completion Orders for the Northeast Site and the Wastewater Neutralization Area on July 27, 2016, stating that no further action is required for those SWMUs. The Building 100 Area (a combination of the Old Drum Storage Site SWMU and the Industrial Drain Leaks/Building 100 Area SWMU) comprise the only two active SWMUs at the STAR Center (Figure 2). This document serves as the annual progress report for the Building 100 Area SWMUs by providing the results of recent monitoring activities and a summary of ongoing and projected work.

The STAR Center is owned by the Pinellas County Industrial Development Authority, and DOE is responsible for remediation activities under the terms of the sales agreement and the HSWA permit for the property. The Building 100 Area is the only site at the STAR Center that still requires remediation. It is defined by the areas, onsite and offsite (adjacent private properties affected by the plumes), that contain the Building 100 groundwater plumes.

1.1 Building 100 Area Background

This section describes the most recent work at the Building 100 Area. The *Pinellas County, Florida, Site, Building 100 Area Site Assessment Report* (DOE 2012) summarized the results of contaminant plume delineation work conducted at the Building 100 Area and the adjacent properties from 2007 to 2012. The *Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area* (DOE 2014) was submitted to FDEP on October 2, 2014. That document described the approach for implementing bioinjection (defined as injection of emulsified vegetable oil [EVO] and the microorganism *Dehalococcoides mccartyi*) at the

Building 100 Area. Bioinjection was conducted (1) on STAR Center property in October and November 2014, (2) on three offsite properties in February 2015, and (3) using eight horizontal wells beneath Building 100 in November 2015.

The *Addendum to the Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area* (DOE 2016), which was submitted to FDEP on August 30, 2016, described the approach for a second bioinjection event. Bioinjection was conducted within the Building 100 plume areas on STAR Center property, including the horizontal wells beneath the building, in January and February 2017 and on four offsite properties in February and March 2017. A third bioinjection activity was conducted from August through December 2019, in accordance with the FDEP-approved *Pinellas County, Florida, Site, Second Addendum to the Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area* (DOE 2019). Monitoring to evaluate the performance of these remedial actions, in the form of semiannual monitoring well sampling, is ongoing.

In the January 2019 semiannual report, the previous sampling plan for the Building 100 Area was evaluated with the use of the Monitoring and Remediation Optimization System (MAROS) software tool (AFCEE 2004) to determine if the plan could be optimized. The MAROS modeling results, in conjunction with extensive historical knowledge of the hydrogeology of the surficial aquifer at the site, were used to develop a new sampling plan. A significant reduction in the number of samples collected on a biennial basis was recommended in that report and subsequently approved by FDEP on January 25, 2019. The MAROS software tool was again applied and included in the July 2020 report with an updated optimized sampling plan through March 2022. The optimized sampling plan was approved by FDEP on September 11, 2020. An updated MAROS model is scheduled to be run following the March 2022 sampling event.

1.2 Site Update

The following tasks were performed during the June 2020 through May 2021 period:

- Water-level measurements were obtained from all accessible monitoring wells and ponds on September 9, 2020, and February 23, 2021.
- The Building 100 semiannual sampling events were conducted September 8–14, 2020, and February 22–March 3, 2021. The September event consisted of collecting groundwater samples from 25 of 26 planned monitoring wells. The February–March event consisted of collecting samples from 67 of 71 planned monitoring wells. During these two sampling events, wells inside Building 100 were not sampled due to access restrictions related to COVID-19.
- Results of these two most recent semiannual monitoring events are reported in this document.
- During the February–March 2021 sampling event, all accessible monitoring wells were inspected for integrity and security. Security items such as caps, bolts, padlocks, and identification labels were replaced as needed. No wells were observed to be damaged.

2.0 Water-Level Elevations

Depth-to-water measurements were taken at all accessible monitoring wells, piezometers, and ponds at the STAR Center on September 9, 2020, and February 23, 2021. Water levels were measured with an electronic water-level indicator or directly from a staff gauge. Groundwater elevation data from both sampling events, measured in feet above mean sea level (ft amsl), are listed in Table 1.

Groundwater and surface-water elevations were used to construct groundwater contour maps of the shallow and deep surficial aquifers for February 2021 (Plates 1 and 2, respectively). Individual contour maps were also constructed for the shallow and deep surficial aquifers at the Building 100 Area for February 2021 (Figure 3 and Figure 4).

For several years, shallow groundwater beneath Building 100 has been observed to flow to the southeast under a very slight gradient, and this flow pattern was observed again in February 2021 (Figure 3). A similar flow pattern was observed in the deep surficial aquifer (Figure 4). The hydraulic gradient in the Building 100 Area in February 2021 was about 0.003 foot per foot onsite and about 0.004 foot per foot offsite to the south. On the basis of calculations using Darcy's law, along with approximations of 1 foot per day for hydraulic conductivity and 0.3 for effective porosity, groundwater velocities in this area are estimated to be about 3.2 feet per year onsite and about 4.8 feet per year offsite to the south. Although calculations indicate low groundwater flow velocities, the distance that groundwater contaminants have traveled from known source areas, and the shape of the groundwater plumes to the east and south from Building 100, indicate the presence of preferential flow paths with higher flow velocities within the plumes.

Surface water elevations were recorded in September 2020 and February 2021 from accessible pond measuring points (Table 2). All the ponds are hydraulically connected to the shallow surficial aquifer system (Plate 1).

3.0 Groundwater Sampling

3.1 Work Performed

Groundwater samples were collected from 25 monitoring wells during the September 2020 semiannual sampling event and 67 wells during the February–March 2021 sampling event at the Building 100 Area (onsite and offsite). Samples could not be collected at one well from the September 2020 event and four wells from the February–March 2021 event due to impacts from the latest bioinjection activity. Wells inside Building 100 were not sampled due to access restrictions from COVID-19. Analytical results are discussed in Section 4.0.

All samples were collected in accordance with the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites (LMS/PRO/S04351)* and using FDEP Standard Operating Procedures, which are a part of *Florida Administrative Code* Section 62-160 (FAC 62-160). All monitoring wells were micropurged using high-density polyethylene tubing (or dedicated Teflon tubing) and a peristaltic pump. Samples were collected when field measurements stabilized.

Field measurements of temperature, specific conductance, turbidity, pH, oxidation–reduction potential, and dissolved oxygen recorded at the time the samples were collected are listed in Table 3. Measurements were made using a calibrated multiparameter meter with a flow cell, and turbidity was measured using a nephelometer.

Groundwater affected by the EVO injections was observed at several monitoring wells during the September 2020 and February–March 2021 sampling events. The oil-impacted purge water fouls the probes on the multiparameter meter and does not allow for accurate measurements. Table 3 shows the wells where a full set of field data could not be collected.

All samples were submitted to Eurofins TestAmerica in Arvada, Colorado, for analysis. Eurofins TestAmerica is accredited by the Florida Department of Health in accordance with the National Environmental Laboratory Accreditation Conference (certification number E87667). Volatile organic compounds (VOCs) were analyzed in these samples using EPA SW-846 Method 8260B, and 1,4-dioxane (dioxane) was analyzed in the same samples using EPA Method 8260B with selected ion monitoring (also called SIM) analysis (EPA 2015). Laboratory reports for February–March 2021 are provided in Appendix A. Laboratory reports for September 2020 were provided in the letter report to FDEP dated January 5, 2021.

3.2 Quality Assurance/Quality Control

The results from Eurofins TestAmerica were checked for quality assurance/quality control through field and laboratory duplicate samples, trip blanks, and equipment blanks. In addition, a data validation software module for identifying and tracking anomalous groundwater data was used to generate a report of analytical results that fall outside of historical maximum or minimum values.

The following determinations were made during the data validation process:

- Trip blanks were prepared and analyzed for volatile organics to document contamination attributable to shipping and field handling procedures. The trip blank results indicated that no such contamination occurred.
- As specified in the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites*, field duplicate samples should be collected at a frequency of 1 duplicate for every 20 or fewer samples. During the February–March 2021 event, 67 field samples and 4 duplicates were collected, and the criterion was met.
- Equipment blank results were examined for possible influence on the field samples. There were no target compounds detected in the equipment blanks.
- Duplicate results were compared to the corresponding well results, and the relative percent differences (RPDs) were calculated (Table 4). The duplicate results met the EPA-recommended criteria, demonstrating acceptable overall precision for all analytes.
- There were no errors noted during the review of the other outliers or remaining data. Therefore, all analytical results are acceptable as qualified.

4.0 Groundwater Analytical Results

The analytical results were compared to the applicable default cleanup target levels (CTLs) for evaluating site remediation under risk-based corrective action regulations. On the basis of a comprehensive review of background data for the site (DOE 2003), it was determined that the shallow groundwater in the site vicinity is naturally elevated in aluminum and iron at levels far exceeding FAC 62-550, “Drinking Water Standards, Monitoring, and Reporting.” Specifically, the average background concentration of 1.1 milligrams per liter (mg/L) for aluminum exceeds the 0.2 mg/L secondary standard, and the average background concentration for iron of 9.3 mg/L exceeds the 0.3 mg/L secondary standard. The ambient shallow groundwater in the area is therefore designated as “poor quality” as defined in FAC 62-780.200(35). Thus, the applicable onsite groundwater CTLs are those for groundwater of “low yield/poor quality” provided in Table 1 of FAC 62-777 (i.e., onsite CTLs are a factor of 10 higher than offsite CTLs).

The Building 100 Area contaminants of potential concern (COPCs) are trichloroethene (TCE), *cis*-1,2-dichloroethene (cDCE), *trans*-1,2-dichloroethene (tDCE), 1,1-dichloroethene (1,1-DCE), vinyl chloride (VC), and dioxane. Figure 5 through Figure 13 are contaminant concentration and interpreted plume maps for the Building 100 Area for February–March 2021. Figure 5 and Figure 6 illustrate the total COPCs (TCOPCs) concentrations. The TCOPCs value is the sum of the individual COPC concentrations for each well. Figure 7 through Figure 13 illustrate the concentrations for individual COPCs that exceed the CTL. COPC concentrations since March 2017 are listed in Table 5.

The sampling logs from the February–March 2021 sampling event are provided in Appendix B.

5.0 Data Interpretation and Performance Monitoring

As described in Section 1.1, the injection of EVO and the microorganism *Dehalococcoides mccartyi* was conducted in the Building 100 Area (onsite and offsite) in 2014–2015, 2017, and 2019. Performance monitoring of these enhanced bioremediation events started with the March 2015 sampling event and is ongoing. Trend (i.e., time-concentration) plots for 10 selected monitoring wells are shown in Figure 14 through Figure 23. These contaminant trend graphs, and the concentration maps shown on Figure 7 through Figure 13, indicate the following:

1. The injected microbial solution is reaching the target contaminant areas including the downgradient dissolved-phase plumes.
2. Significant dechlorination is taking place in the onsite and offsite dissolved-phase plumes.
3. cDCE was not detected above its CTL in any onsite or offsite well (Figure 8 and Figure 9).
4. VC was not detected in wells east of the STAR Center at the Walter Pownall Service Center. VC was also not detected in the three southernmost onsite monitoring wells (12-0586-1,2,3; 12-0587-1,2; 12-0588-1,2,3) or in wells 12-0584-1,2,3 which are adjacent to the building. These wells have historically contained VC exceedances. These VC reductions decrease the size of the interpreted plume shown on Figure 10.
5. VC reductions observed in wells south of Bryan Dairy Road decrease the size of the interpreted plume shown on Figure 11.

6. Dioxane concentrations detected in February–March 2021 are similar to those detected in March 2020; thus, the interpreted dioxane plumes shown on Figure 12 and Figure 13 remain essentially unchanged from last year.

Figure 14 through Figure 19 are trend plots for six wells within or near the interpreted boundary of the Building 100 Area plume that runs to the south, including offsite properties.

Well 12-0585-2 (Figure 14) showed a large decrease in TCE from September 2019 to March 2020 (1700 micrograms per liter [$\mu\text{g/L}$] to $<6.4 \mu\text{g/L}$) and was again nondetect in February–March 2021. cDCE decreased from 4200 $\mu\text{g/L}$ in March 2020 to 160 $\mu\text{g/L}$ in September 2020 to 36 $\mu\text{g/L}$ in February–March 2021. VC decreased from 3200 $\mu\text{g/L}$ in March 2020 to 110 $\mu\text{g/L}$ in February–March 2021. The other constituents decreased as well. In well 12-0584-2 (Figure 15), which is close to well 12-0585-2, TCE remained nondetect, and cDCE decreased again to 0.44 $\mu\text{g/L}$ in February–March 2021 (from 4700 $\mu\text{g/L}$ in March 2019 and 22 $\mu\text{g/L}$ in March 2020). VC also decreased to nondetect in February–March 2021 from 1000 $\mu\text{g/L}$ in March 2019 and 130 $\mu\text{g/L}$ in March 2020. The TCOPCs value decreased from 5891.1 $\mu\text{g/L}$ in March 2019, to 160.2 $\mu\text{g/L}$ in March 2020, to 1.24 $\mu\text{g/L}$ in February–March 2021 (Table 5). Well 12-0585-3 (Figure 16) could not be sampled in February–March 2021 due to impacts from the latest bioinjection event.

For March 2019 to March 2021, the well 12-0587-2 (Figure 17) results for TCE remained nondetect and showed big decreases in cDCE from 130 $\mu\text{g/L}$ (March 2019) to 16 $\mu\text{g/L}$ (March 2020) to 3.0 in February–March 2021. VC decreased from 300 $\mu\text{g/L}$ (March 2019) to 24 $\mu\text{g/L}$ (March 2020) to nondetect in February–March 2021. The TCOPCs value decreased from 441.6 $\mu\text{g/L}$ in March 2019 to 45.27 $\mu\text{g/L}$ in March 2020 to 6.46 $\mu\text{g/L}$ in February–March 2021 (Table 5). The VC concentration in offsite well 12-0572-2 (Figure 18) decreased from 3.3 $\mu\text{g/L}$ in March 2020 to nondetect in February–March 2021. Well 12-0574-2 (Figure 19), near the distal end of the Building 100 Area plume that runs to the south (Figure 6), showed decreases to nondetect from March 2019 to September 2019 for VC and TCOPCs, followed by slight increases in these values from September 2019 to March 2020, and then decreases to nondetect in February–March 2021.

Figure 20 through Figure 22 are trend plots for three wells near the centerline of the Building 100 Area plume that runs to the east, including an offsite property. Well-12-0580-2 (Figure 20) showed steady dioxane values from March 2019 to February–March 2021 and a decrease in VC from March 2020 (100 $\mu\text{g/L}$) to February–March 2021 (52 $\mu\text{g/L}$). Well 12-0582-2 (Figure 21) remained stable in VC (34 $\mu\text{g/L}$ to 39 $\mu\text{g/L}$) and dioxane (36 $\mu\text{g/L}$ to 42 $\mu\text{g/L}$) in February–March 2021. Well 12-0576-2 (Figure 22) showed decreases in VC and dioxane from March 2020 to February–March 2021 from 37 $\mu\text{g/L}$ to nondetect and 80 to 59 $\mu\text{g/L}$, respectively. The results for TCE remained nondetect for these three wells.

Figure 23 is a trend plot for well 12-S35B, which is located inside Building 100 (Figure 5) and has historically had the highest VOC concentrations at the site. From March 2019 to March 2020, the concentration of TCE decreased from 31,000 $\mu\text{g/L}$ to 25,000 $\mu\text{g/L}$, while the concentrations of cDCE (28,000 $\mu\text{g/L}$ to 31,000 $\mu\text{g/L}$), and VC (5200 $\mu\text{g/L}$ to 14,000 $\mu\text{g/L}$) increased. Well 12-S35B was not sampled in September 2020 or February–March 2021 due to COVID-19 restrictions. It is scheduled to be sampled in September 2021.

Performance monitoring of the enhanced bioinjection activities will continue with the next sampling event in September 2021. The FDEP-approved sampling plan is provided in Table 6 and Figure 24 through Figure 26.

6.0 Upcoming Tasks

The following tasks are planned for June 2021 through May 2022:

- The next semiannual sampling event will be conducted in September 2021.
- The next annual sampling event will be conducted in March 2022.

7.0 References

AFCEE (Air Force Center for Engineering and Environment), 2004. *Monitoring and Remediation Optimization System (MAROS) Software User's Guide*, Version 2.2. October.

DOE (U.S. Department of Energy), 2003. *Young - Rainey STAR Center, Pinellas Environmental Restoration Project, Historical Review and Evaluation of Contaminants of Potential Concern*, GJO-2002-359-TAC, February.

DOE (U.S. Department of Energy), 2012. *Pinellas County, Florida, Site, Building 100 Area Site Assessment Report*, LMS/PIN/N01747, Office of Legacy Management, August.

DOE (U.S. Department of Energy), 2014. *Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area*, LMS/PIN/N01868, Office of Legacy Management, October.

DOE (U.S. Department of Energy), 2016. *Addendum to the Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area*, LMS/PIN/N02121, Office of Legacy Management, September.

DOE (U.S. Department of Energy), 2019. *Pinellas County, Florida, Site, Second Addendum to the Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area*, LMS/PIN/N02301, Office of Legacy Management, July.

EPA (U.S. Environmental Protection Agency), 1988. *RCRA Facility Assessment, Department of Energy—FL6 890 090 008*, June.

EPA (U.S. Environmental Protection Agency), 2015. SW-846. *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, “Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS),” EPA publication SW-846, Third Edition, Final Updates I–V.

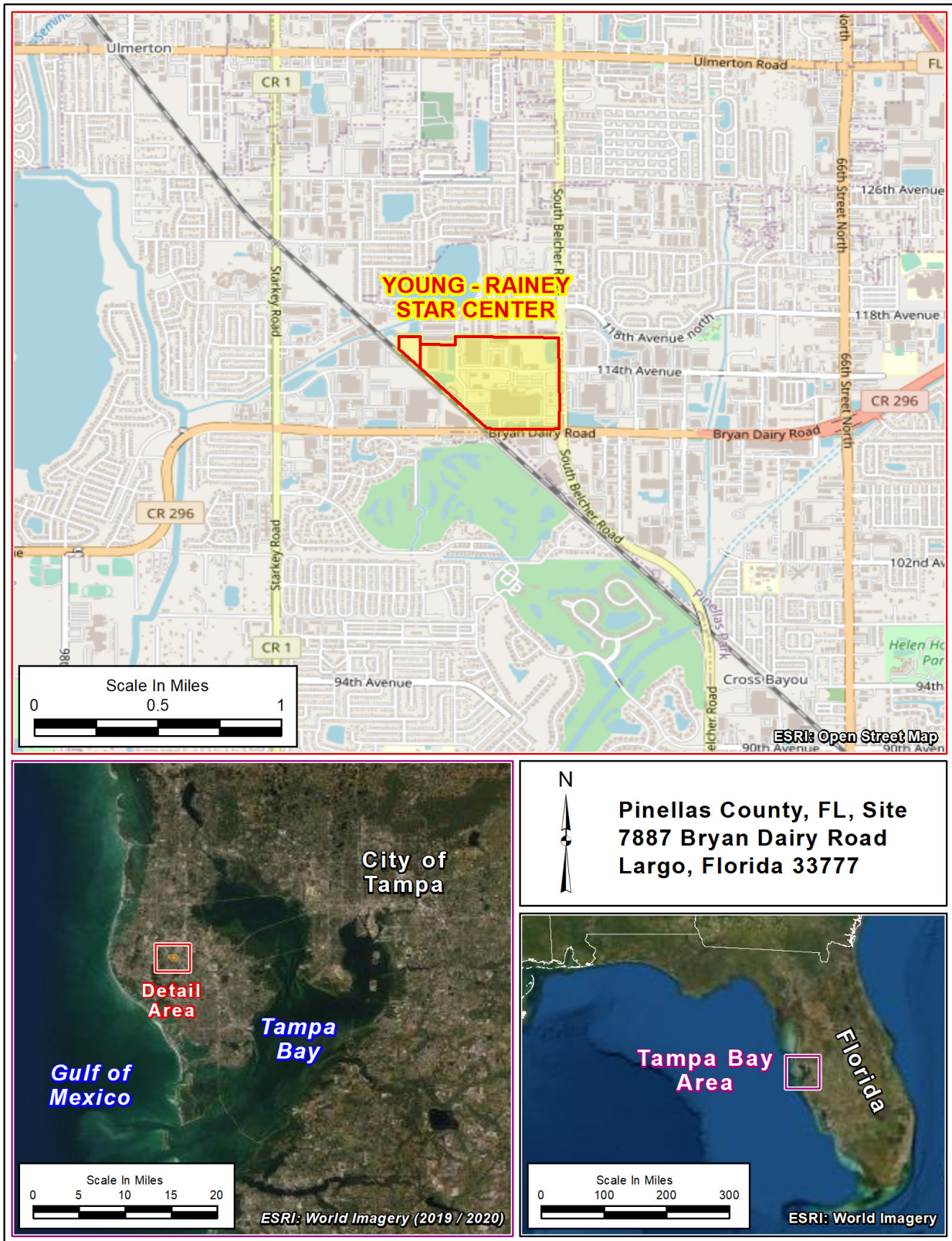
FAC 62-160. “Quality Assurance,” *Florida Administrative Code*.

FAC 62-550. “Drinking Water Standards, Monitoring, and Reporting,” *Florida Administrative Code*.

FAC 62-777. “Contaminant Cleanup Target Levels,” *Florida Administrative Code*.

FAC 62-780. “Contaminated Site Cleanup Criteria,” *Florida Administrative Code*.

Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites, LMS/PRO/S04351, continually updated, prepared by the LMS contractor for the U.S. Department of Energy Office of Legacy Management.



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Figure 1. Young - Rainey STAR Center Location

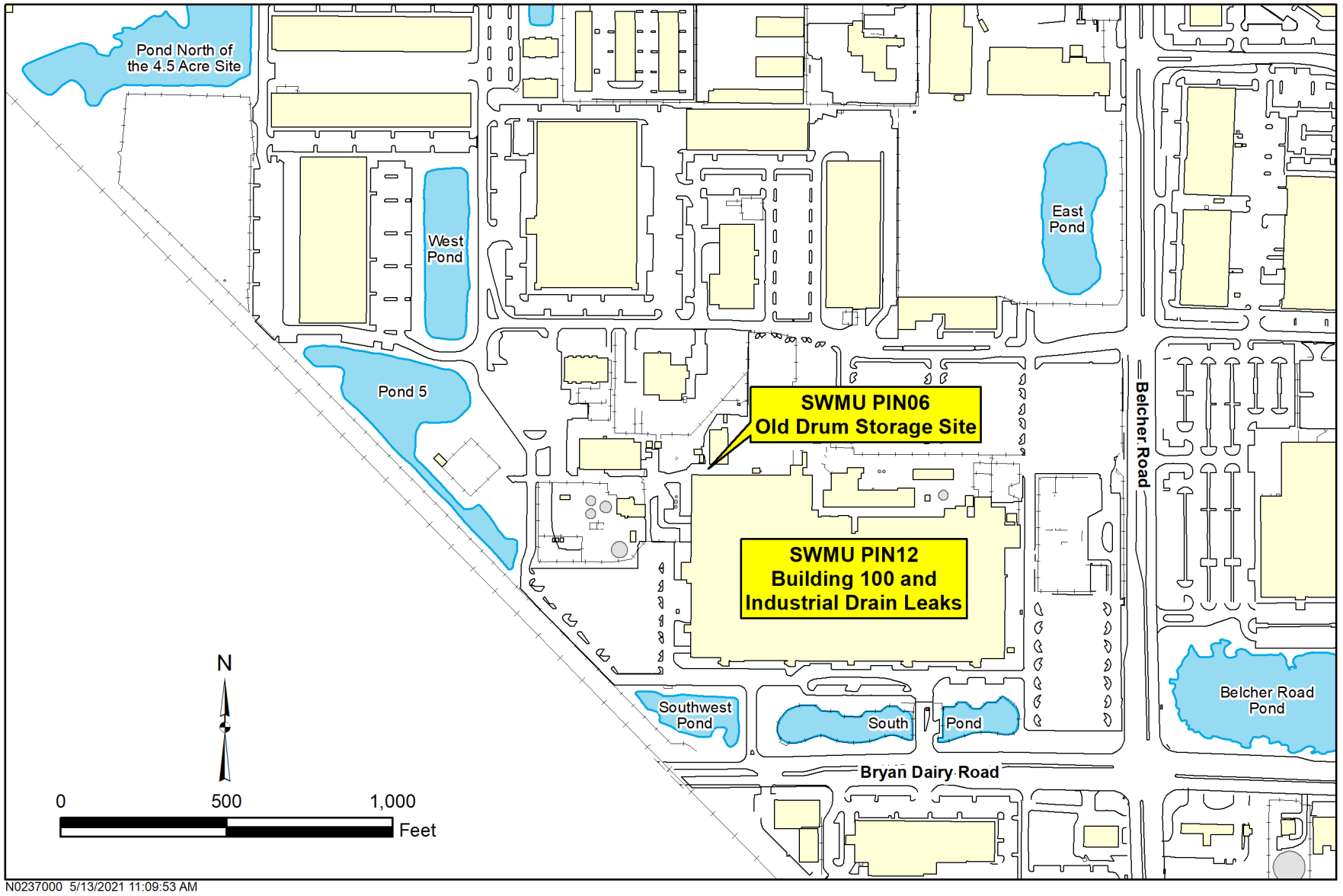


Figure 2. Location of STAR Center SWMUs

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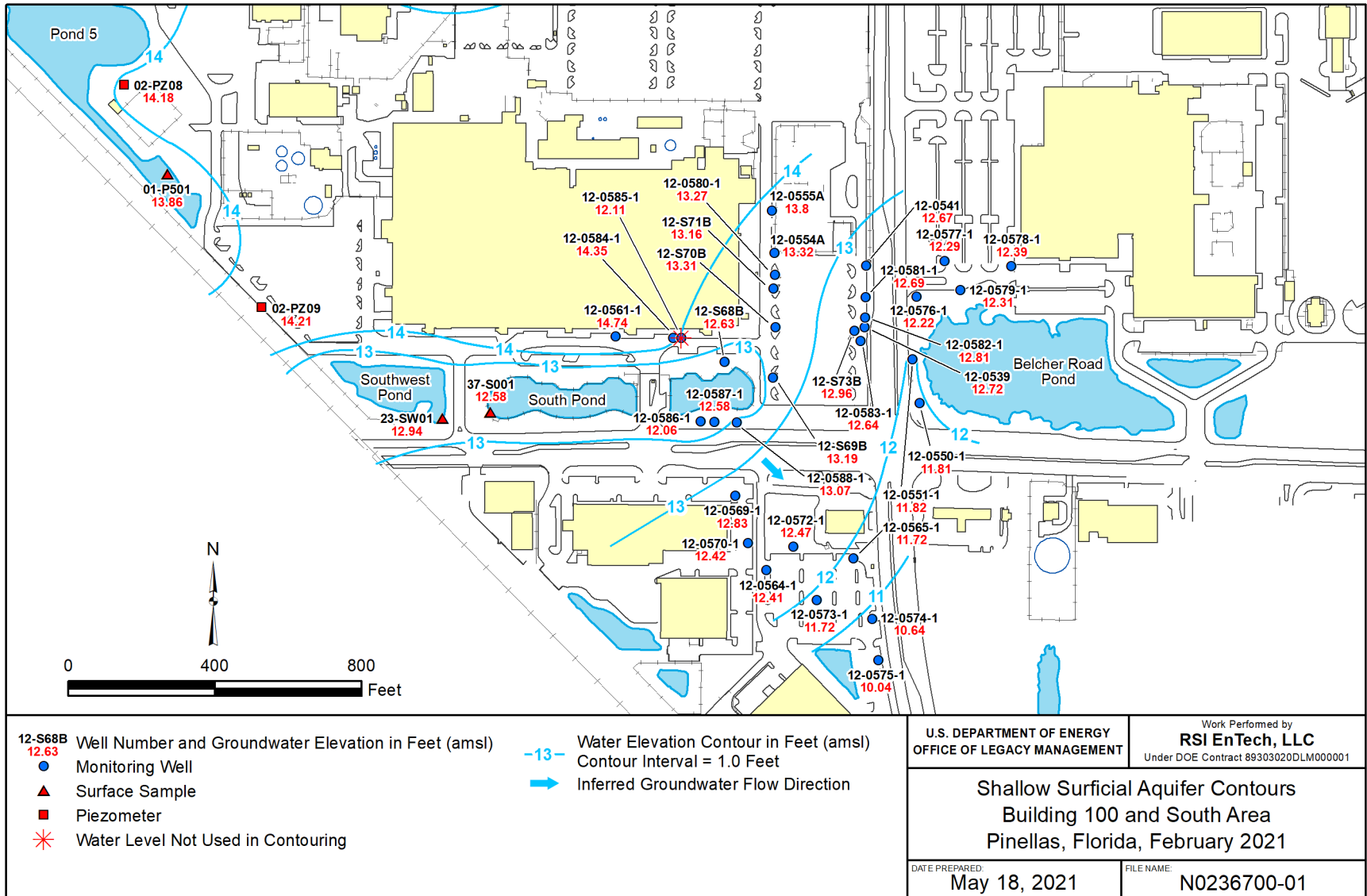


Figure 3. Building 100 Area Shallow Surficial Aquifer Flow, February 2021

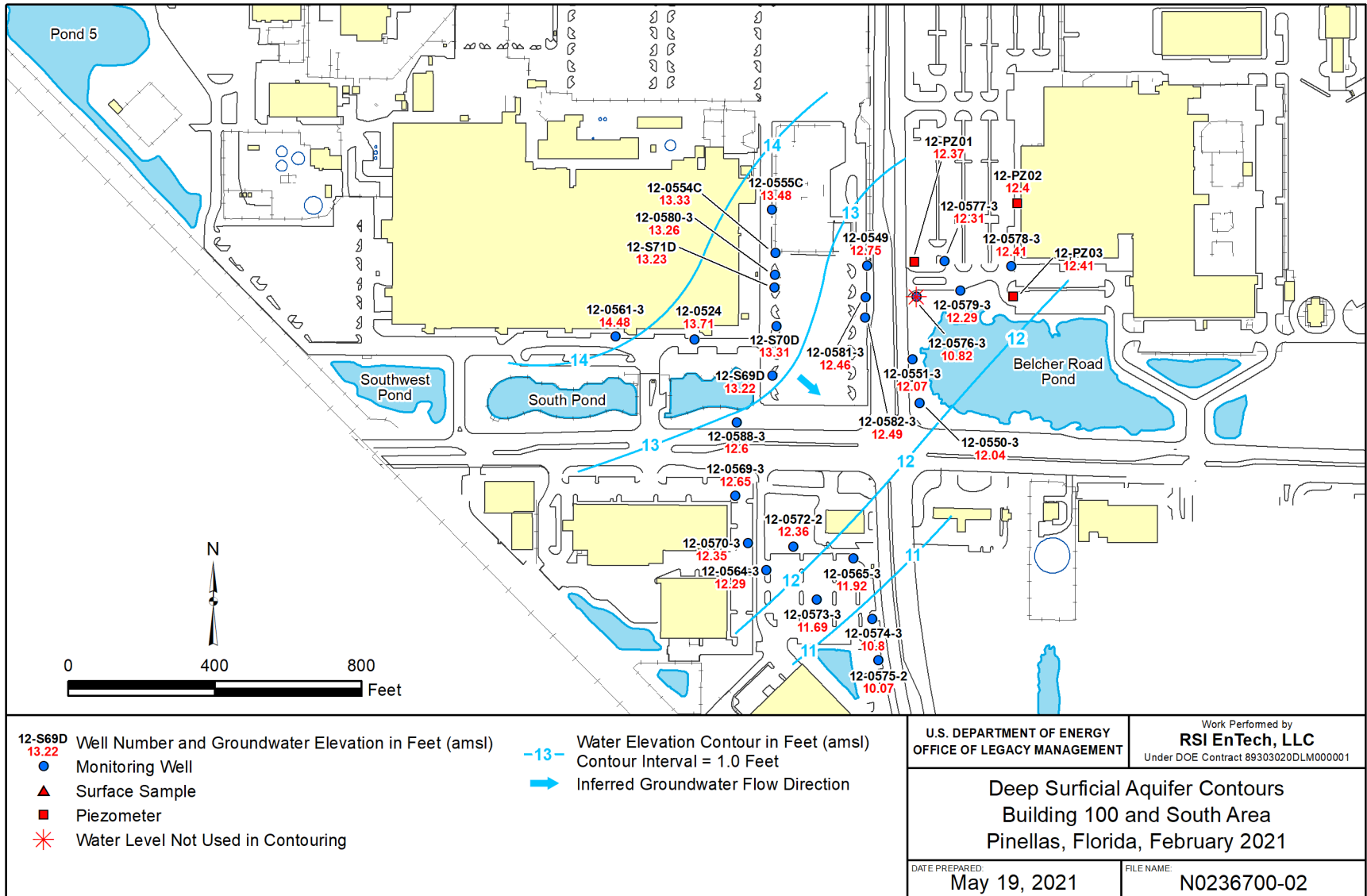


Figure 4. Building 100 Area Deep Surficial Aquifer Flow, February 2021

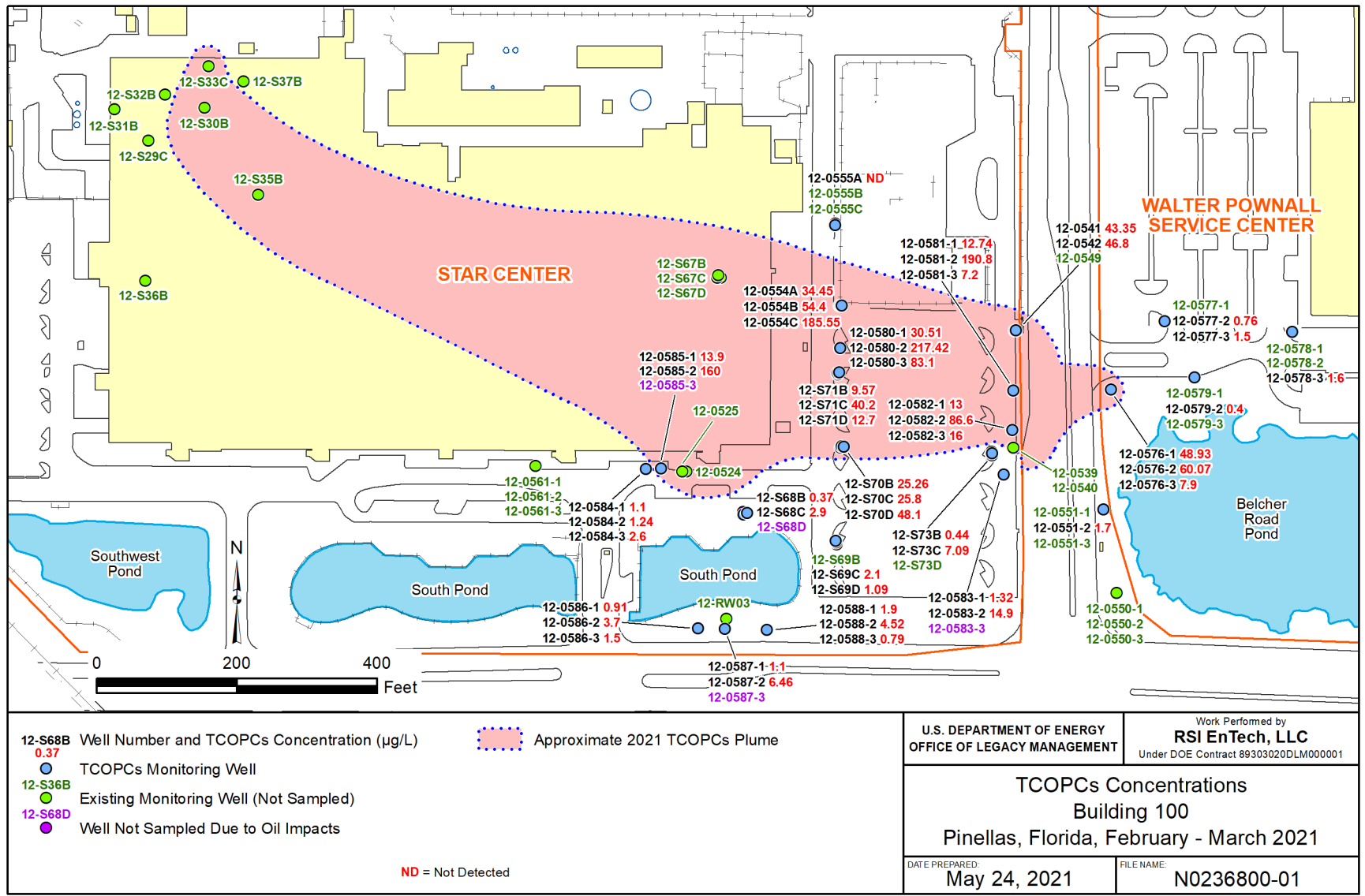


Figure 5. Building 100 Area TCOPCs Concentrations, February–March 2021

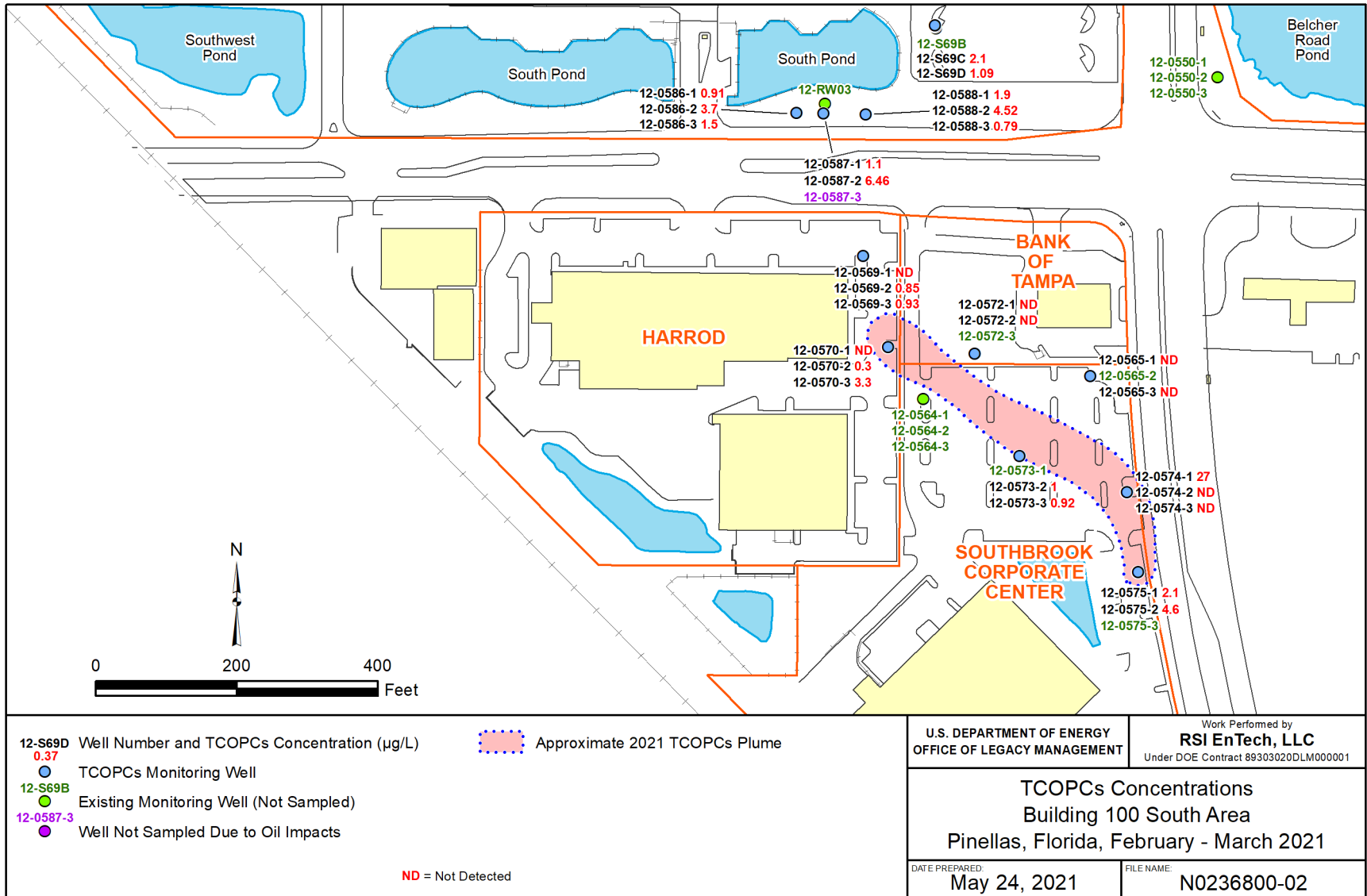


Figure 6. Building 100 Area South TCOPCs Concentrations, February–March 2021

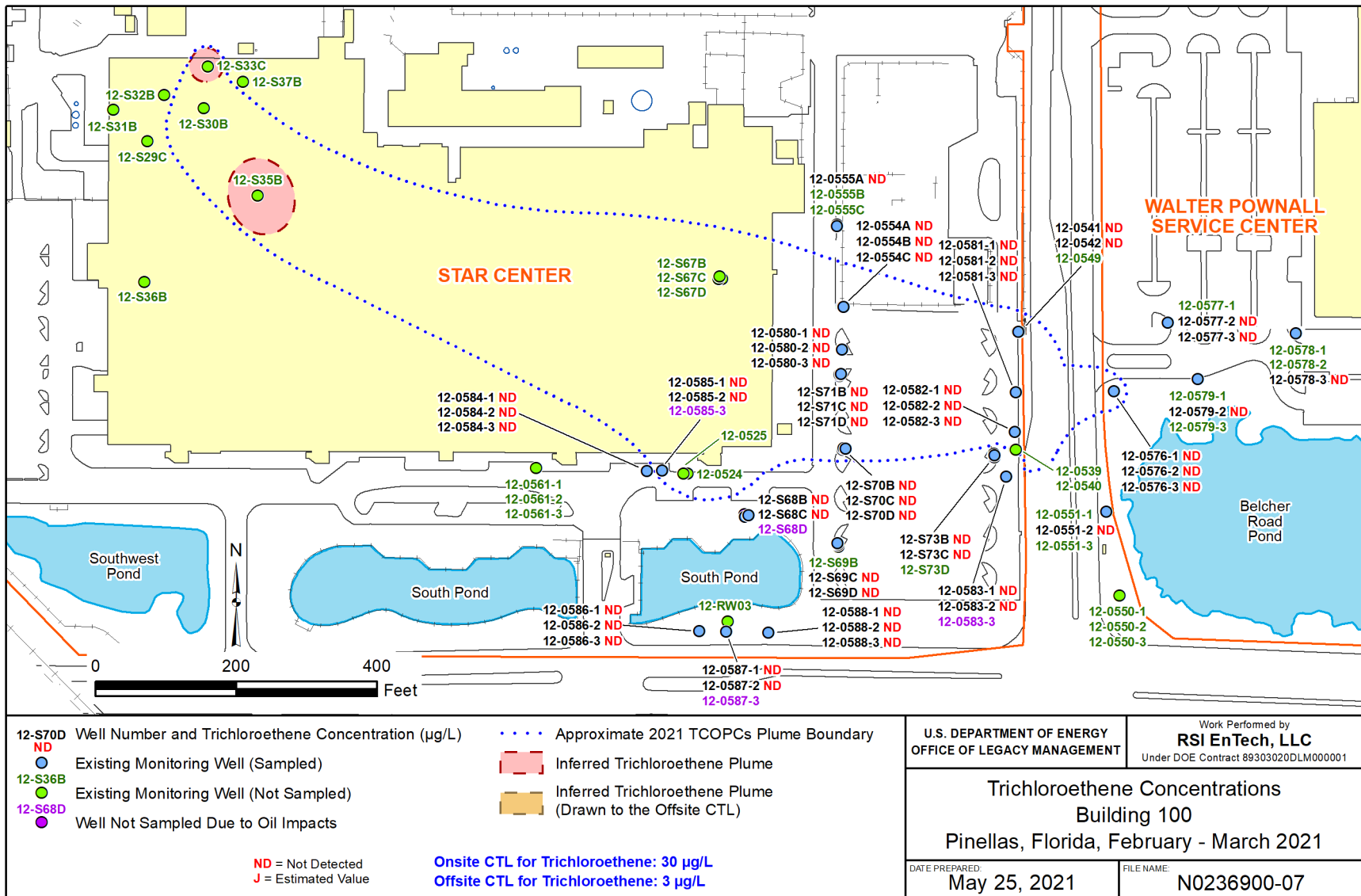


Figure 7. Building 100 Area TCE Concentrations, February–March 2021

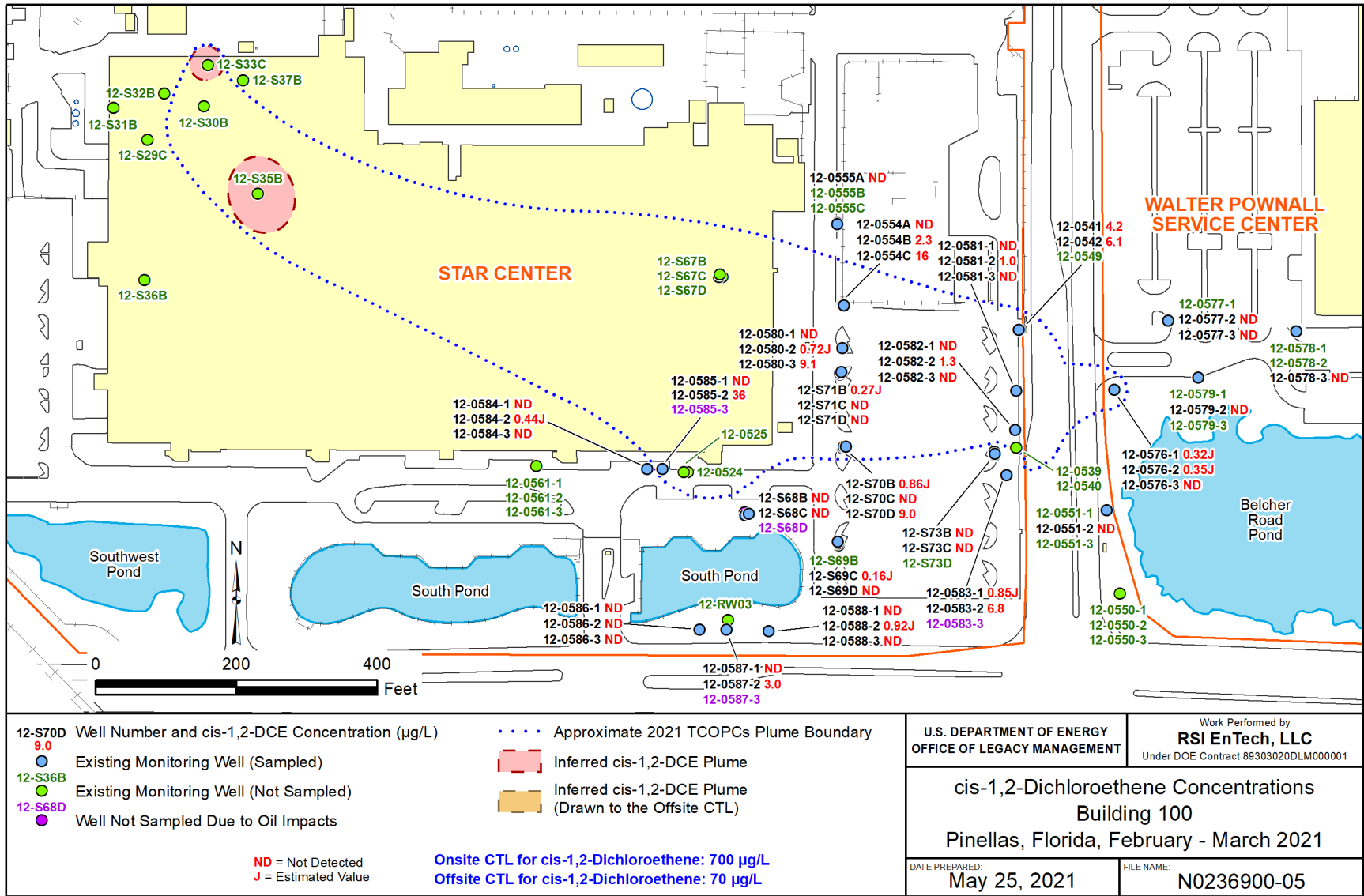


Figure 8. Building 100 Area cDCE Concentrations, February–March 2021

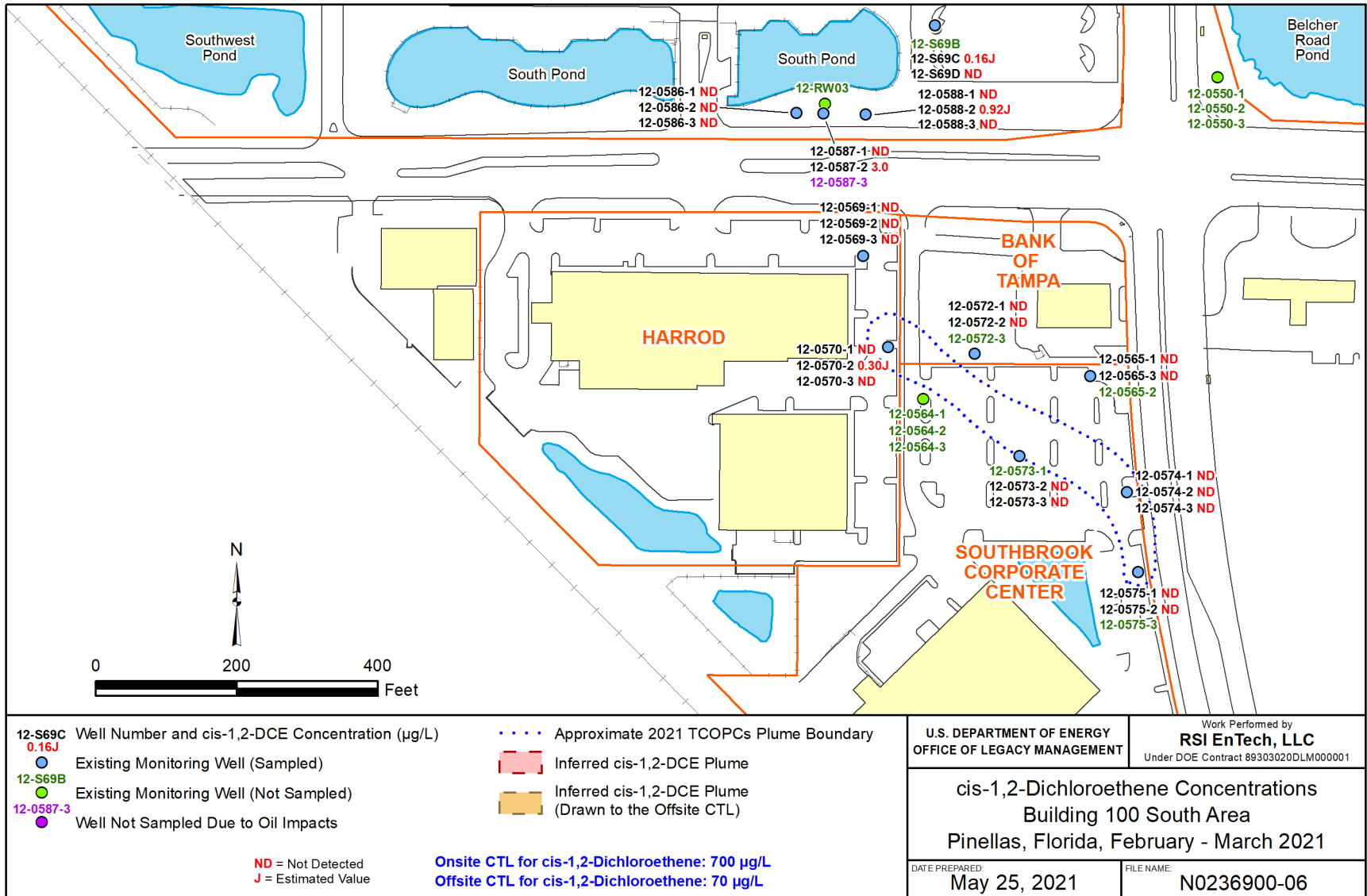


Figure 9. Building 100 Area South cDCE Concentrations, February–March 2021

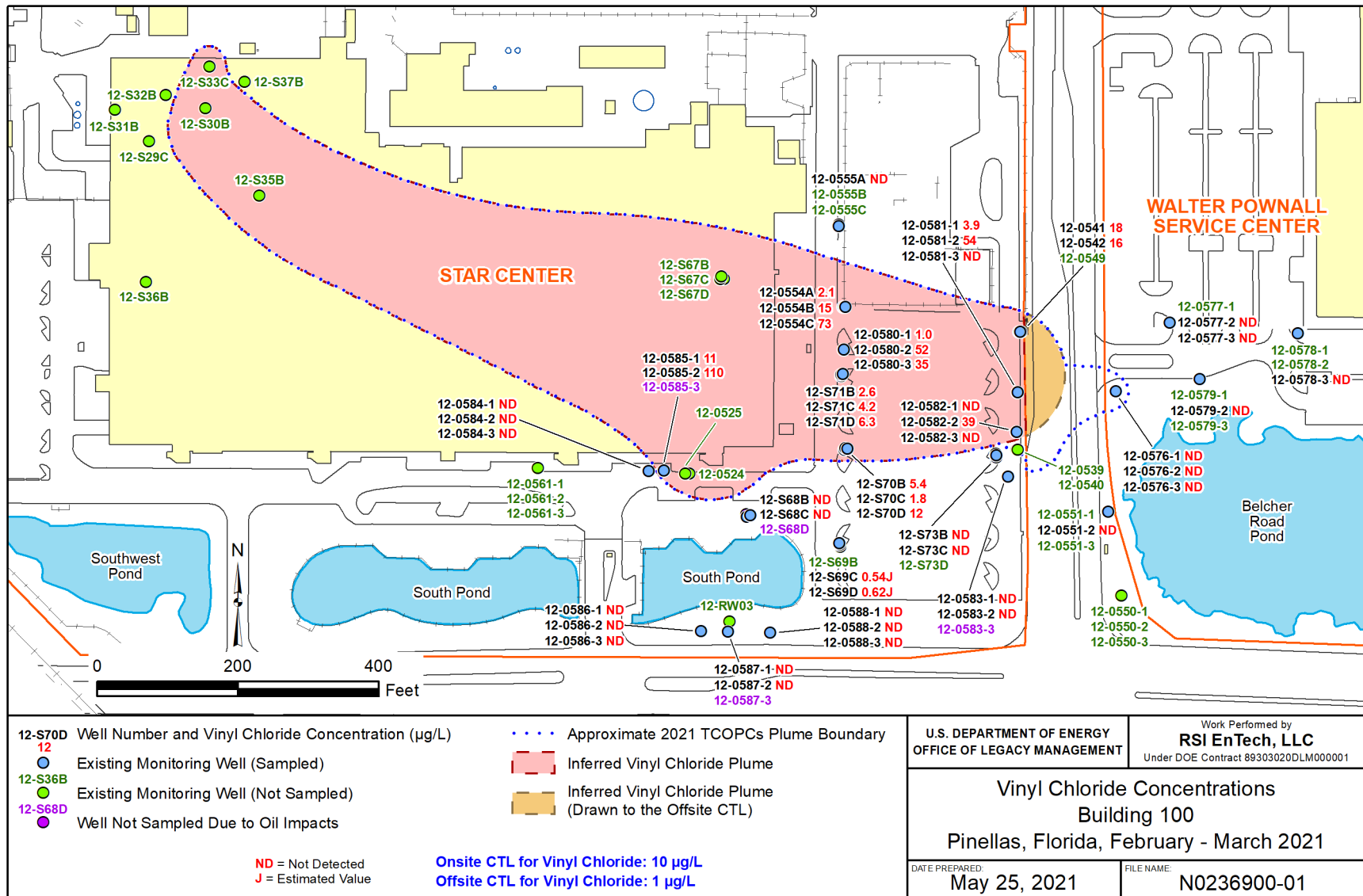


Figure 10. Building 100 Area VC Concentrations, February–March 2021

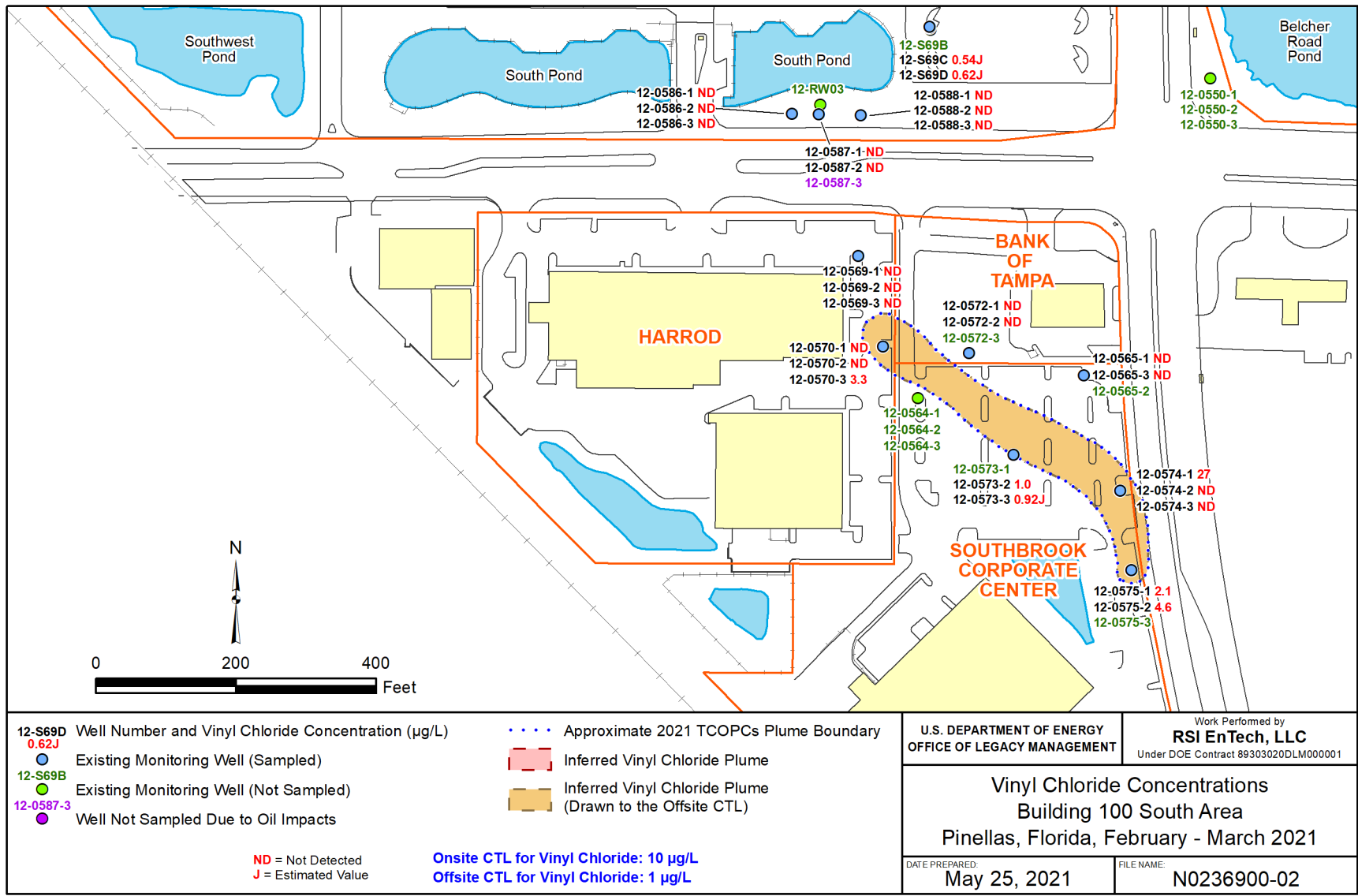


Figure 11. Building 100 Area South VC Concentrations, February–March 2021

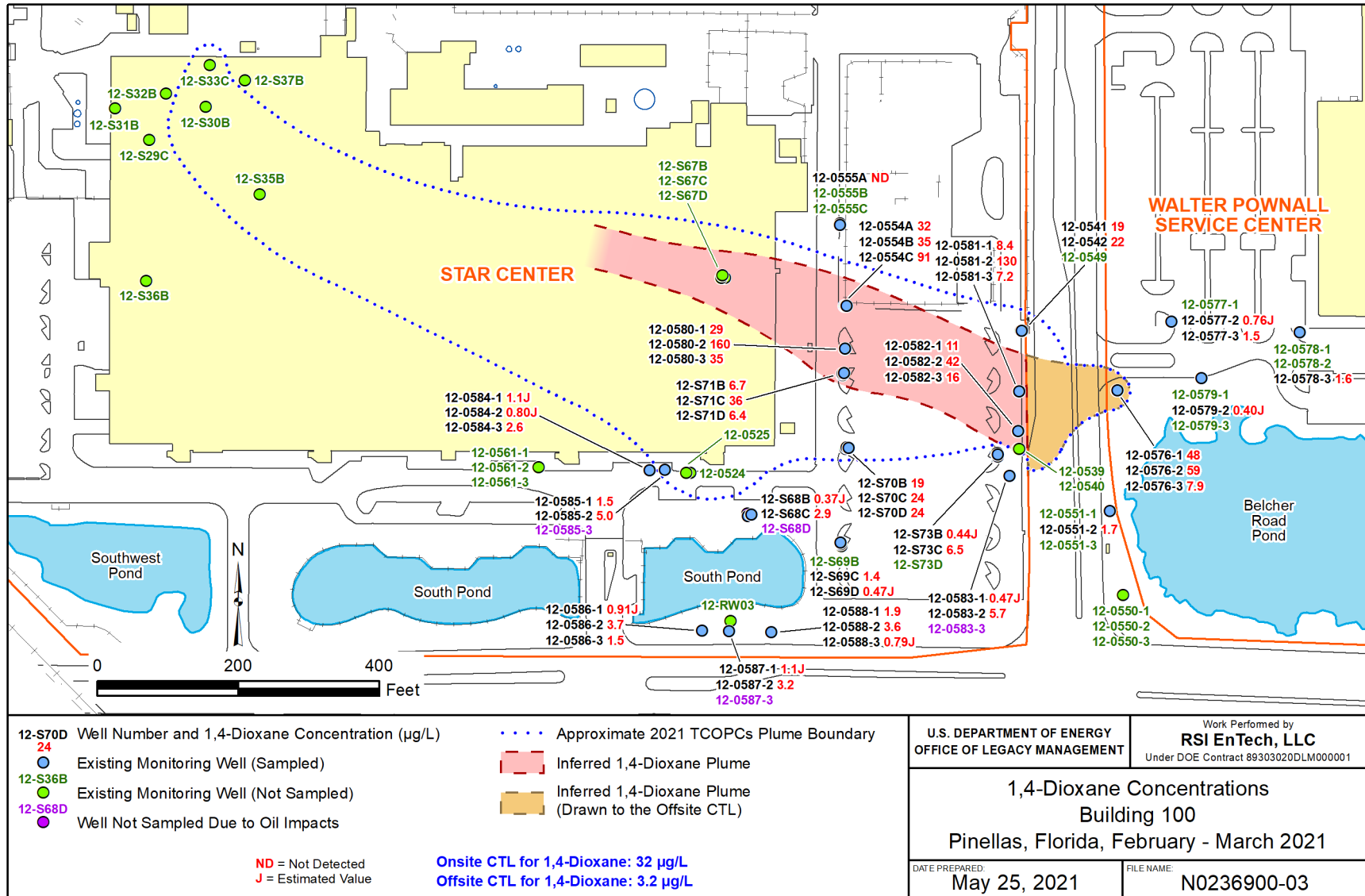


Figure 12. Building 100 Area 1,4-Dioxane Concentrations, February–March 2021

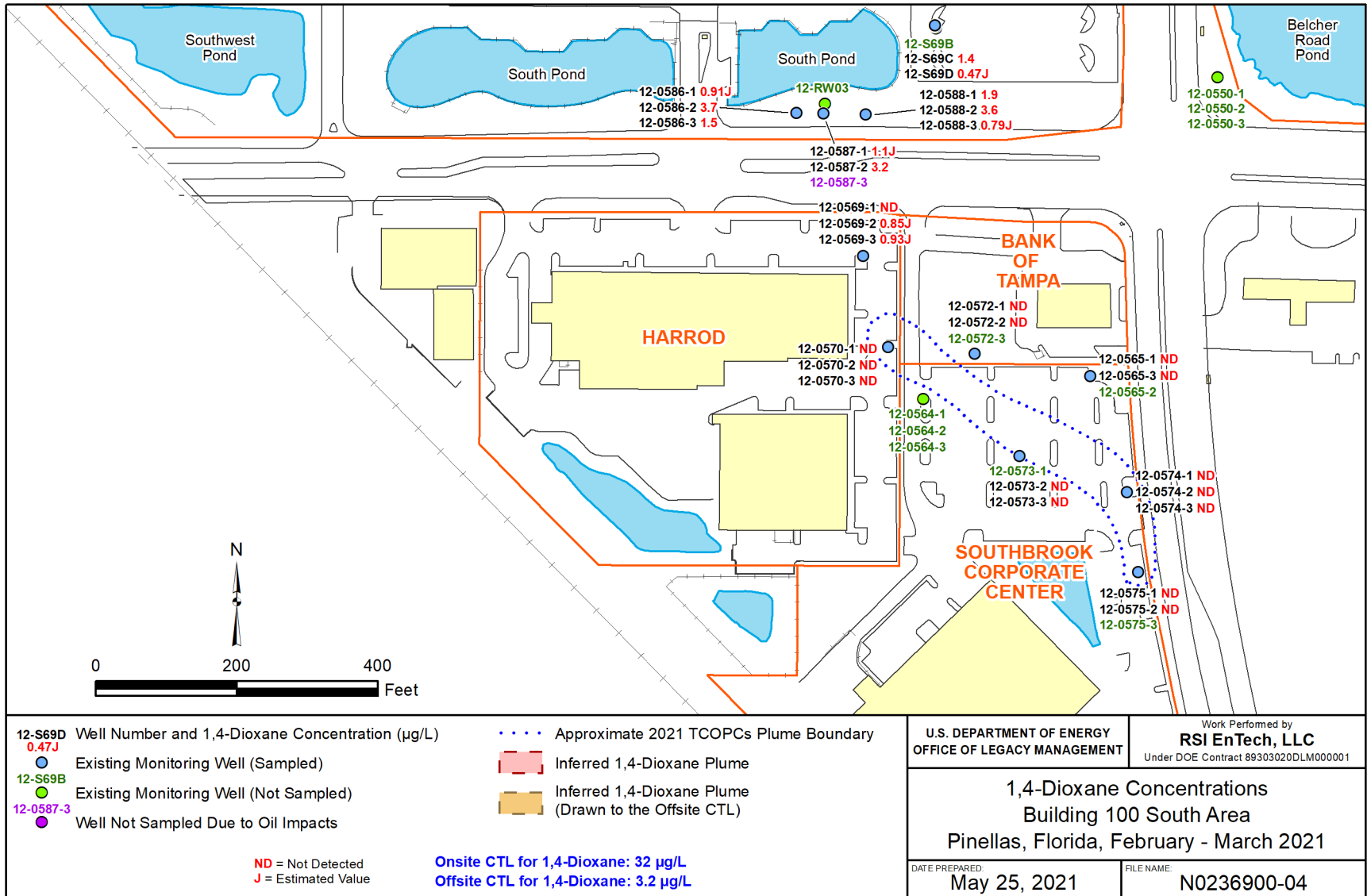


Figure 13. Building 100 Area South 1,4-Dioxane Concentrations, February–March 2021

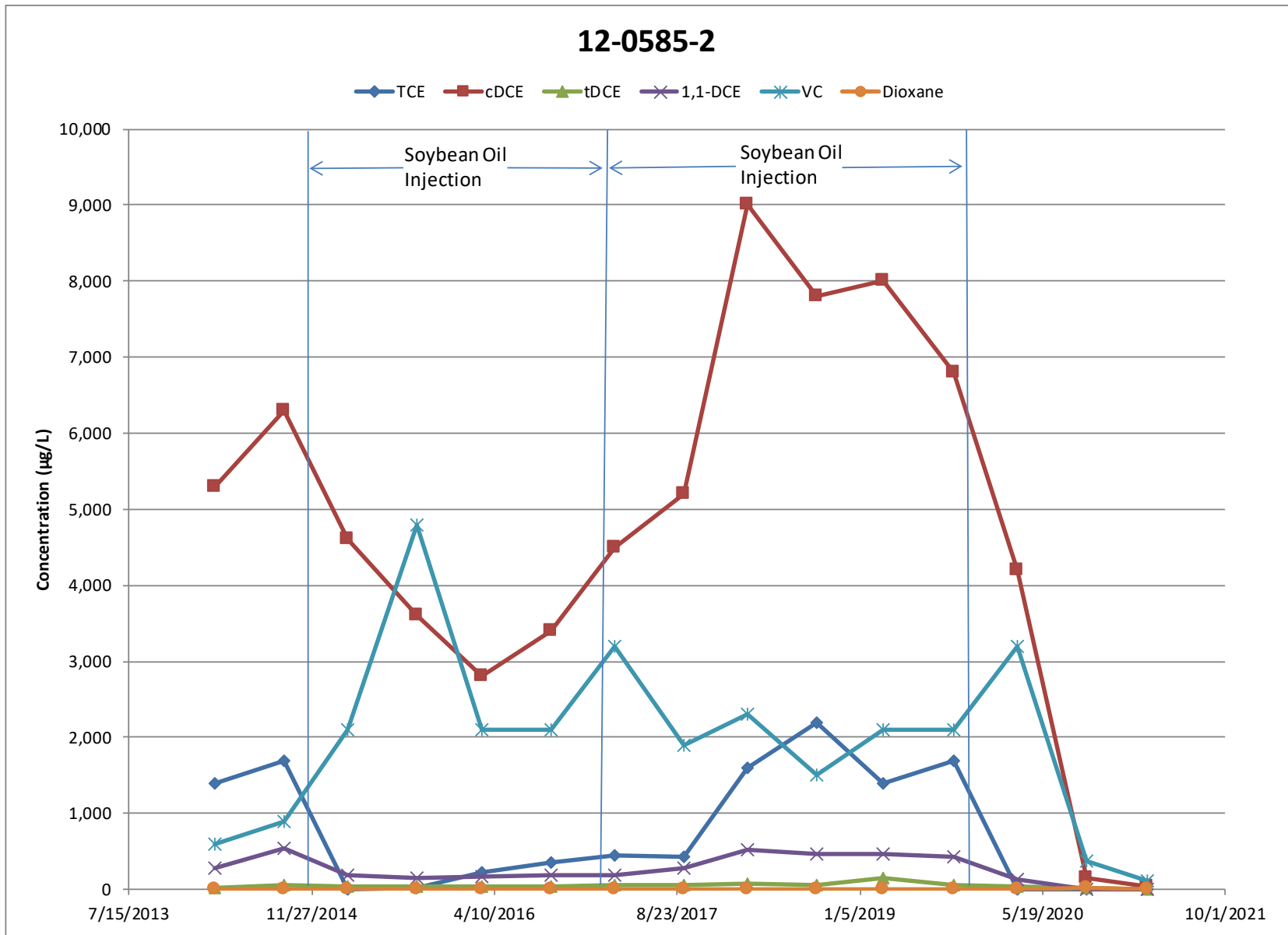


Figure 14. COPC Trends in Well 12-0585-2

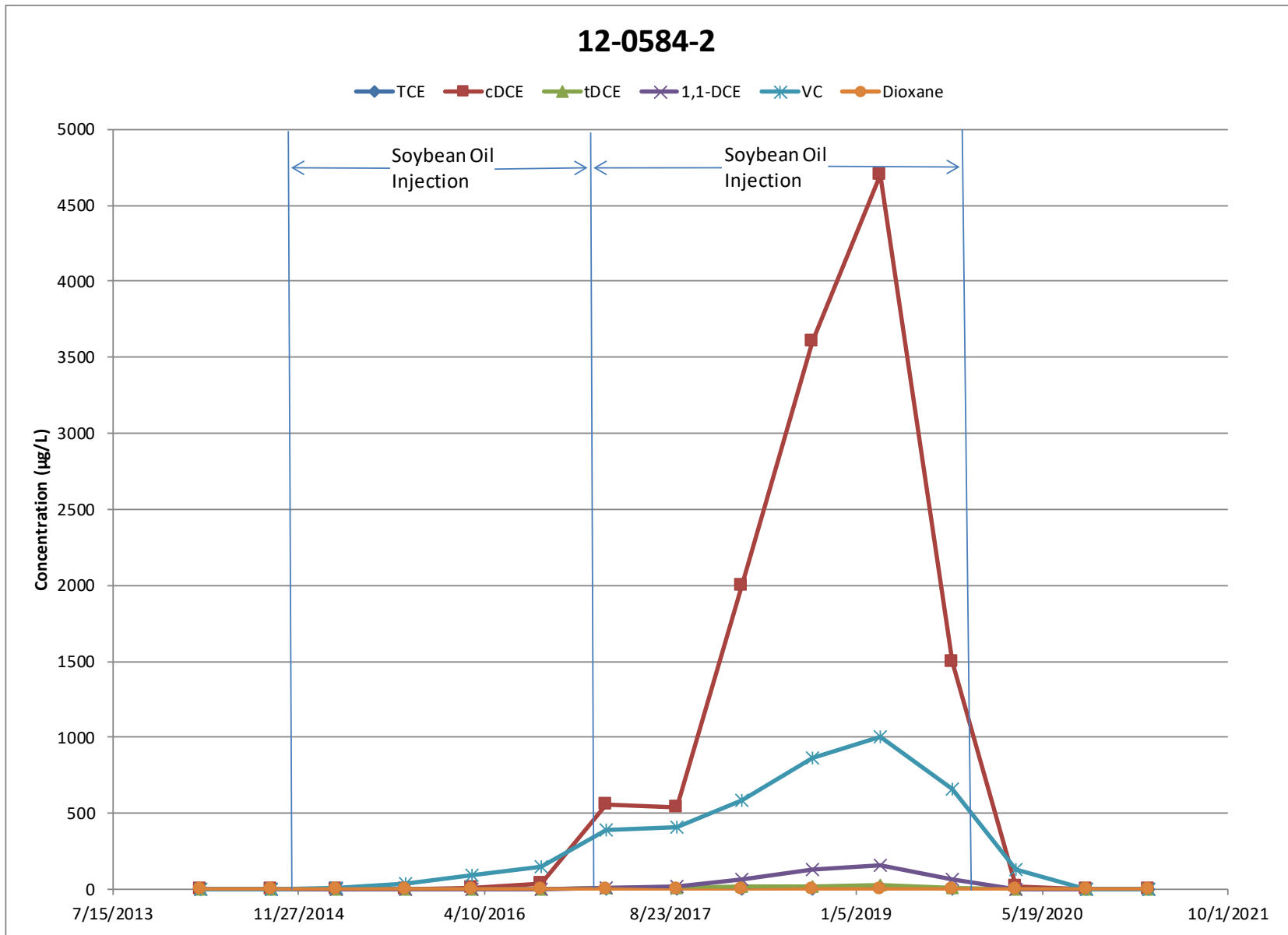


Figure 15. COPC Trends in Well 12-0584-2

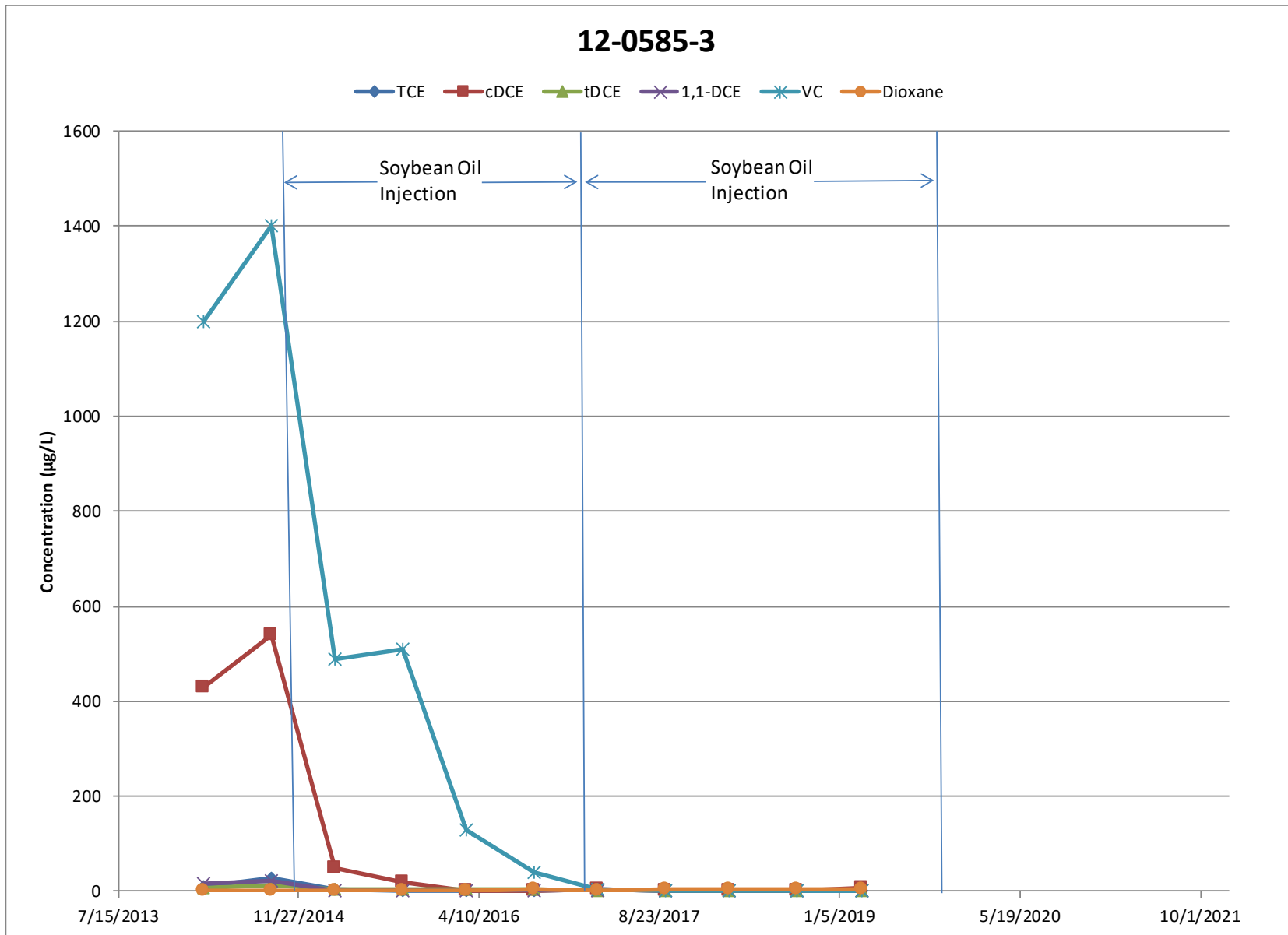


Figure 16. COPC Trends in Well 12-0585-3

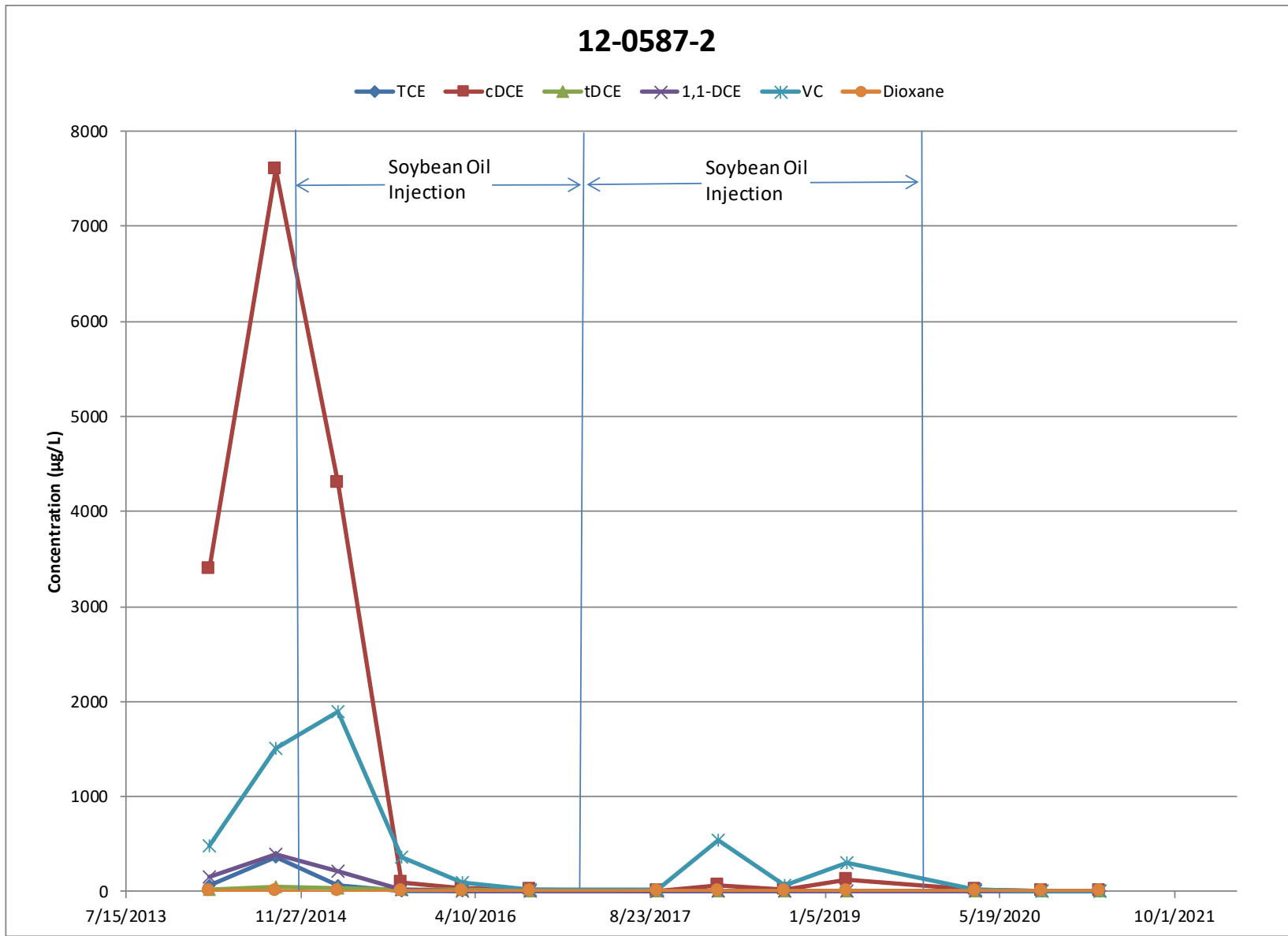


Figure 17. COPC Trends in Well 12-0587-2

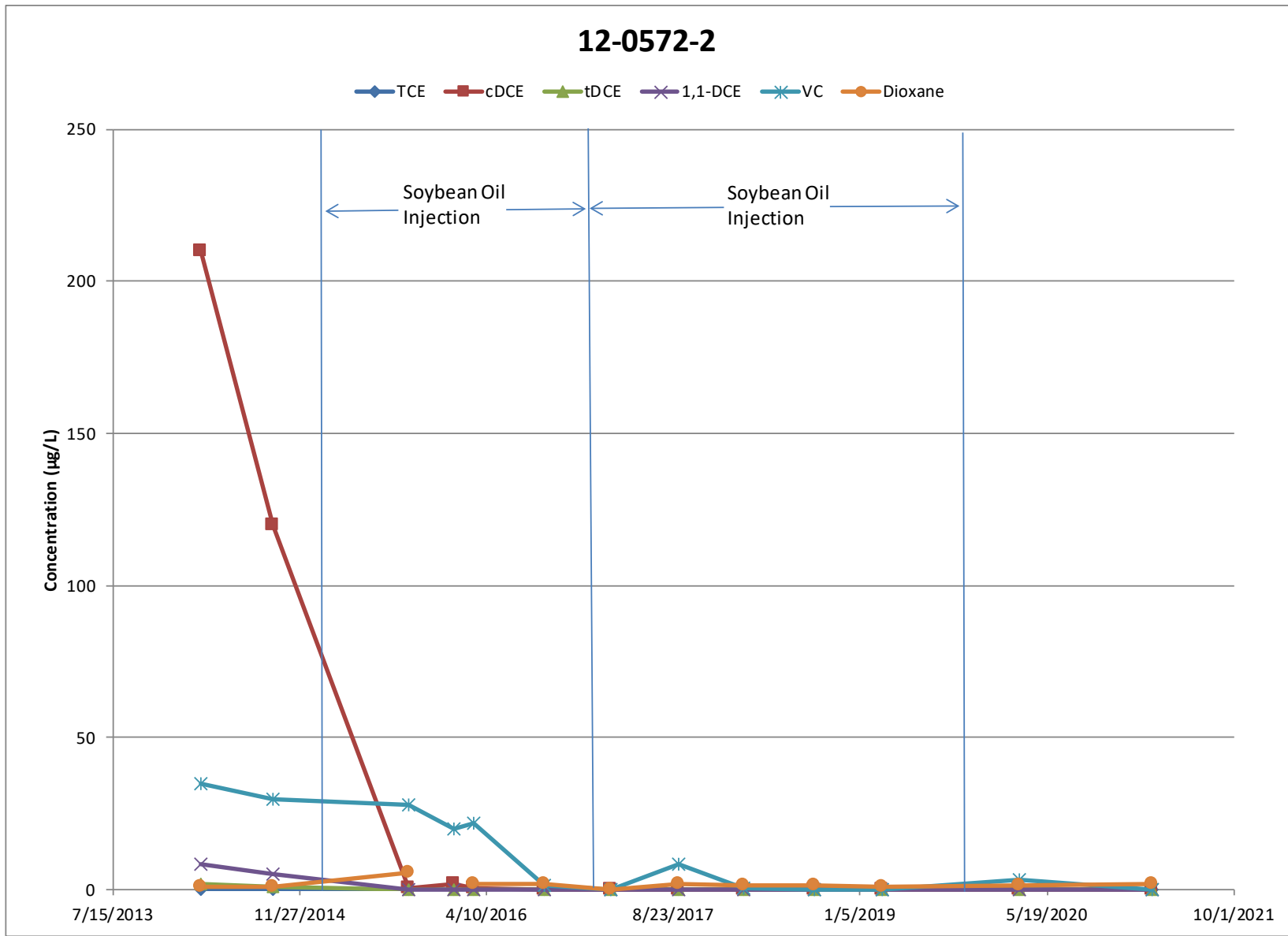


Figure 18. COPC Trends in Well 12-0572-2

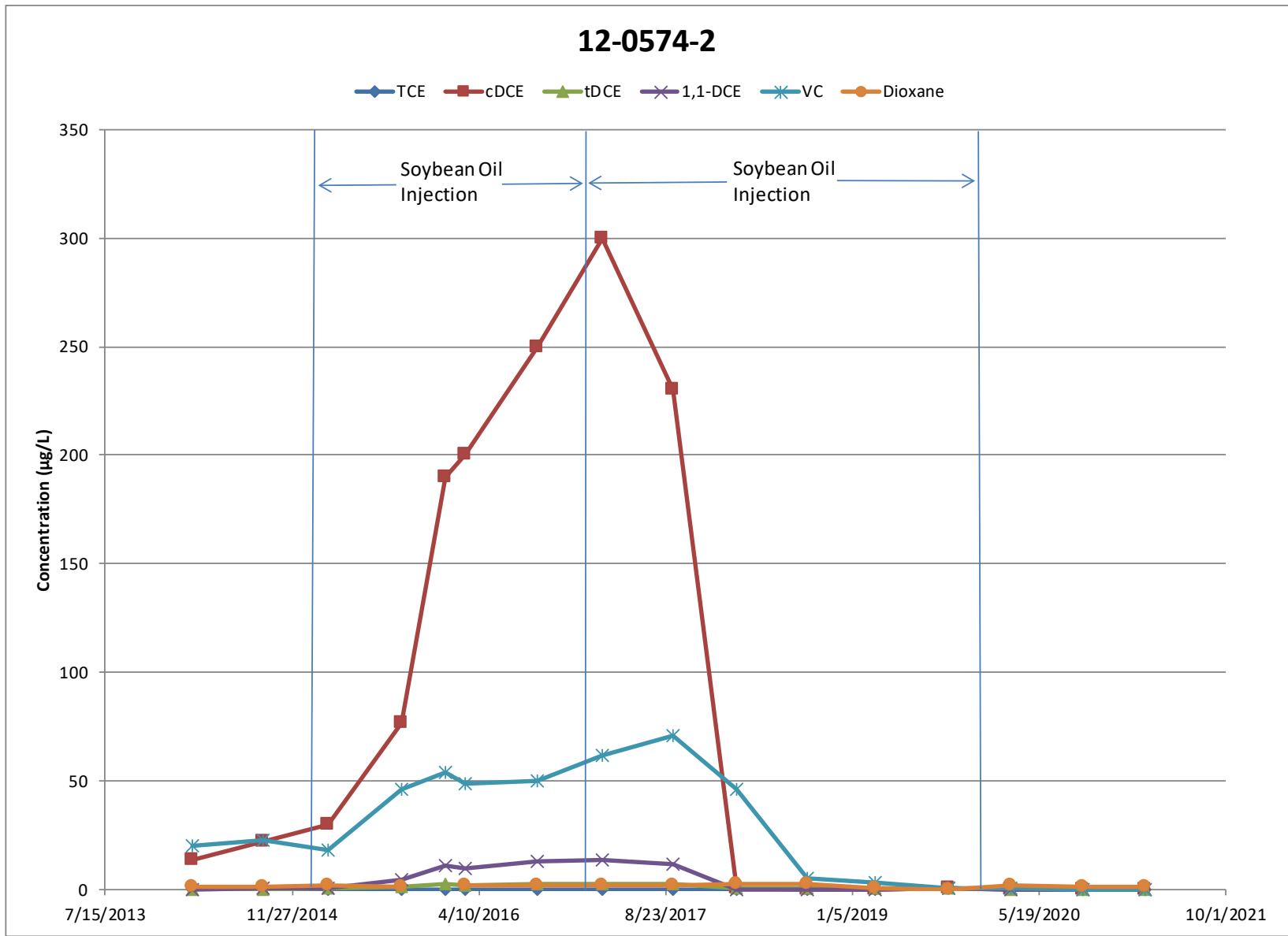


Figure 19. COPC Trends in Well 12-0574-2

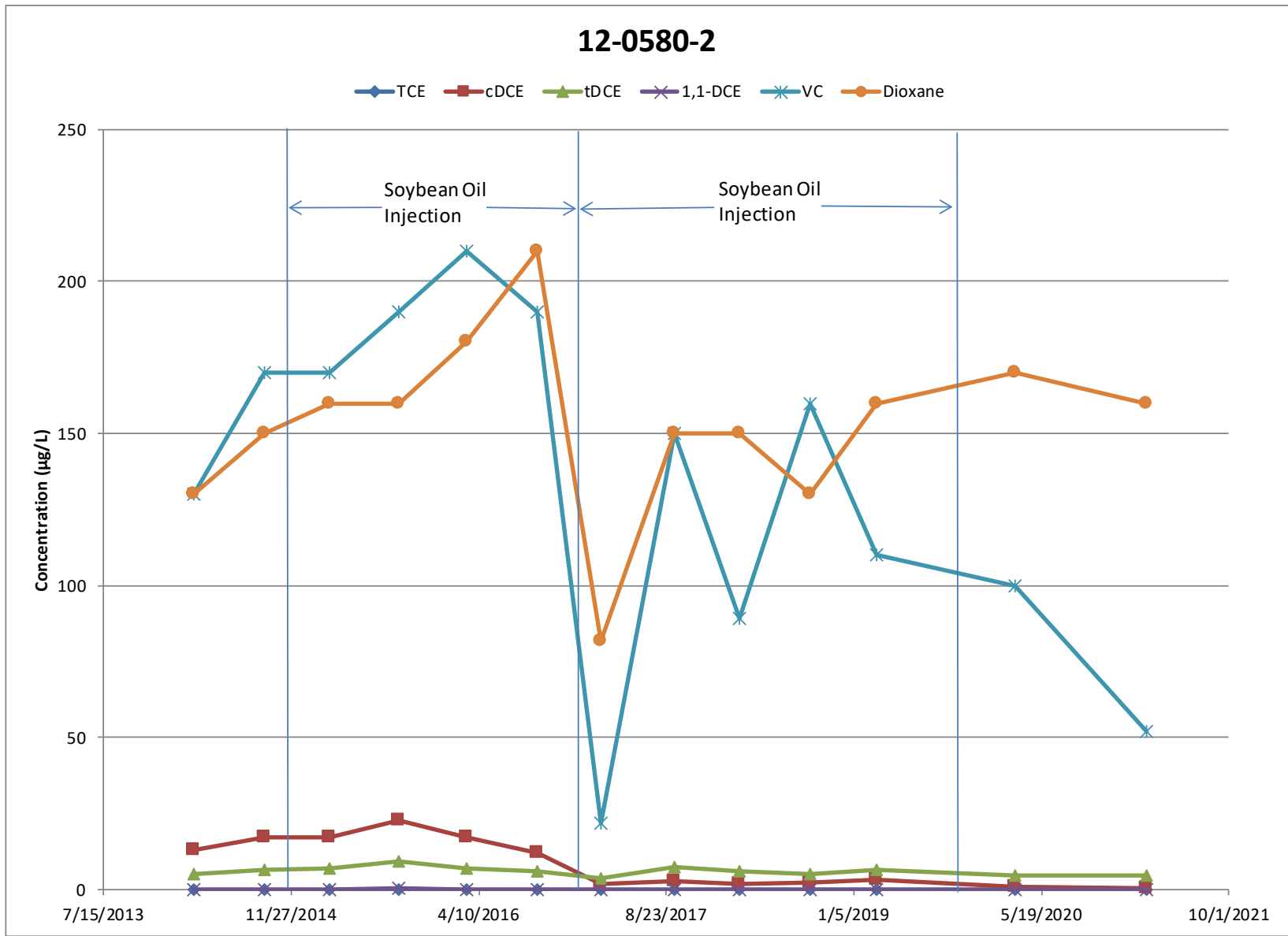


Figure 20. COPC Trends in Well 12-0580-2

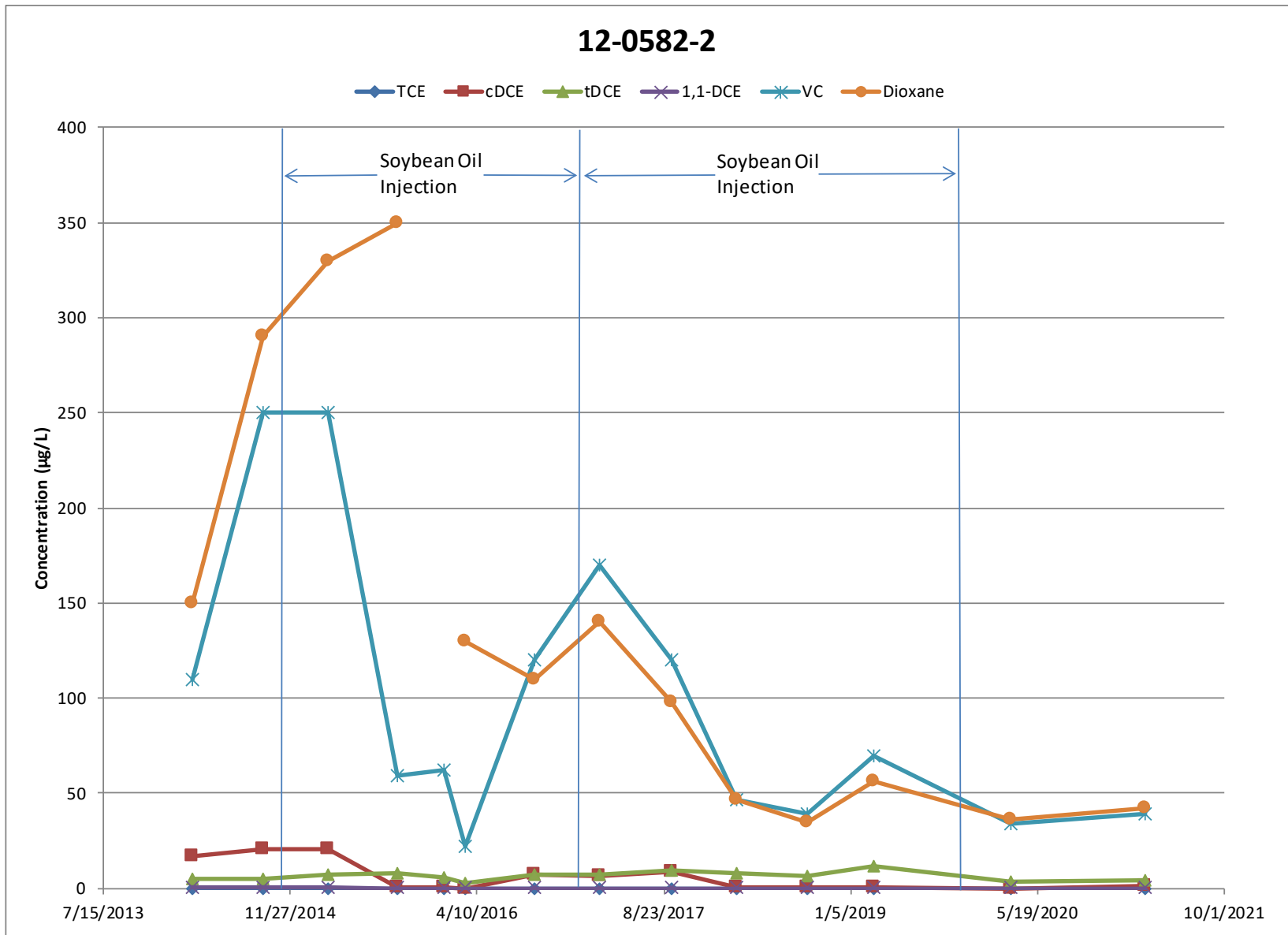


Figure 21. COPC Trends in Well 12-0582-2

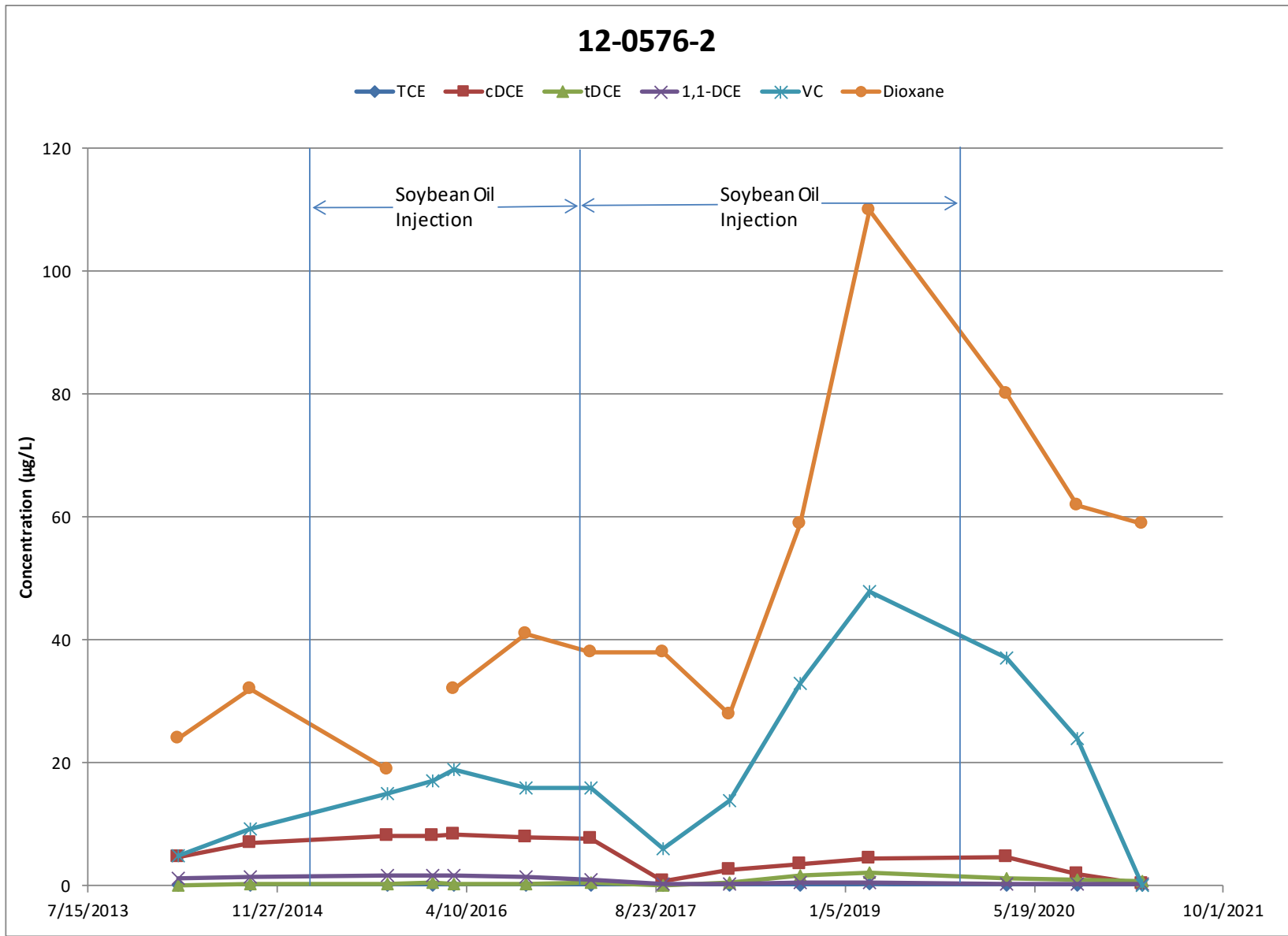


Figure 22. COPC Trends in Well 12-0576-2

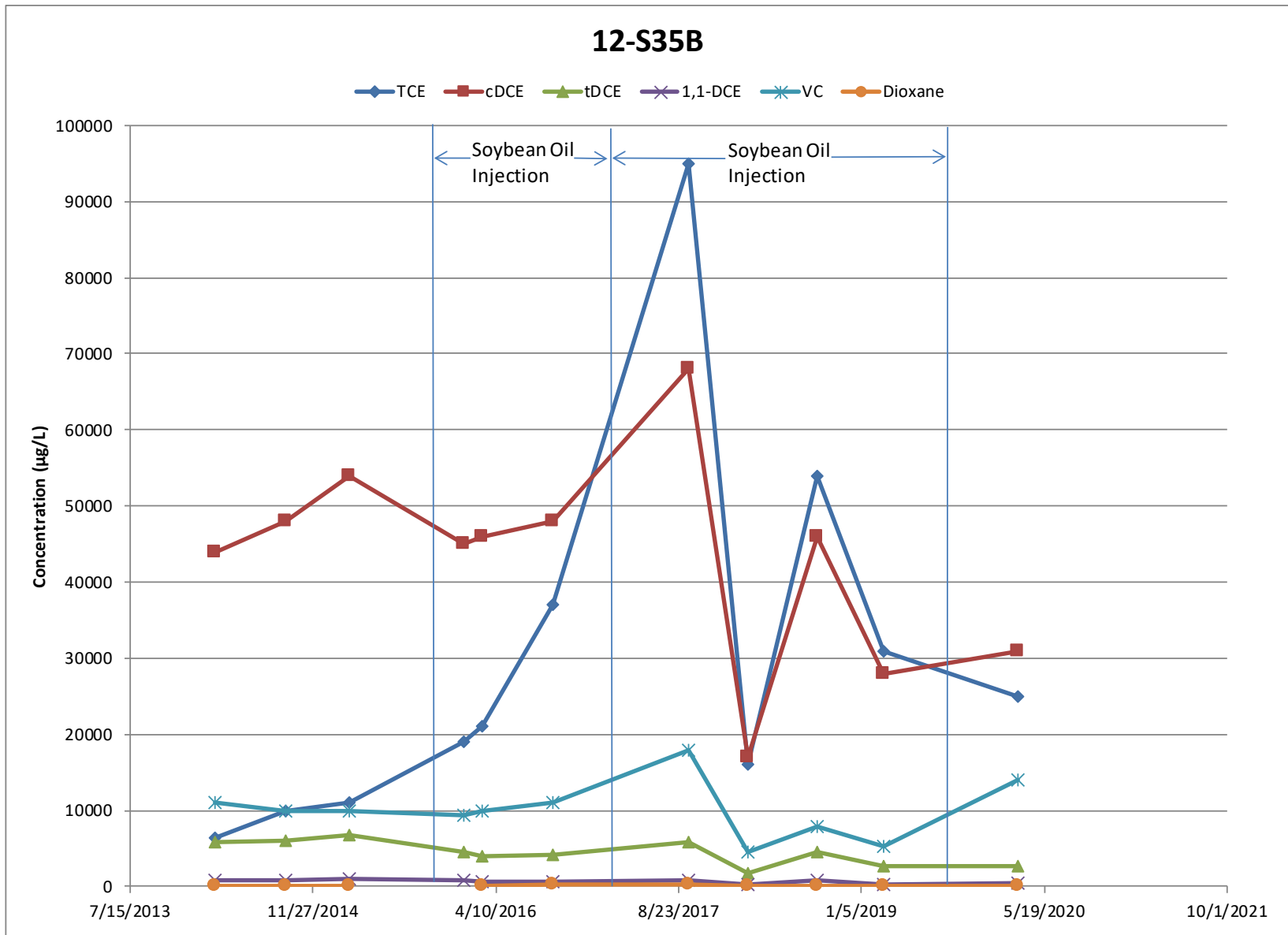


Figure 23. COPC Trends in Well 12-S35B

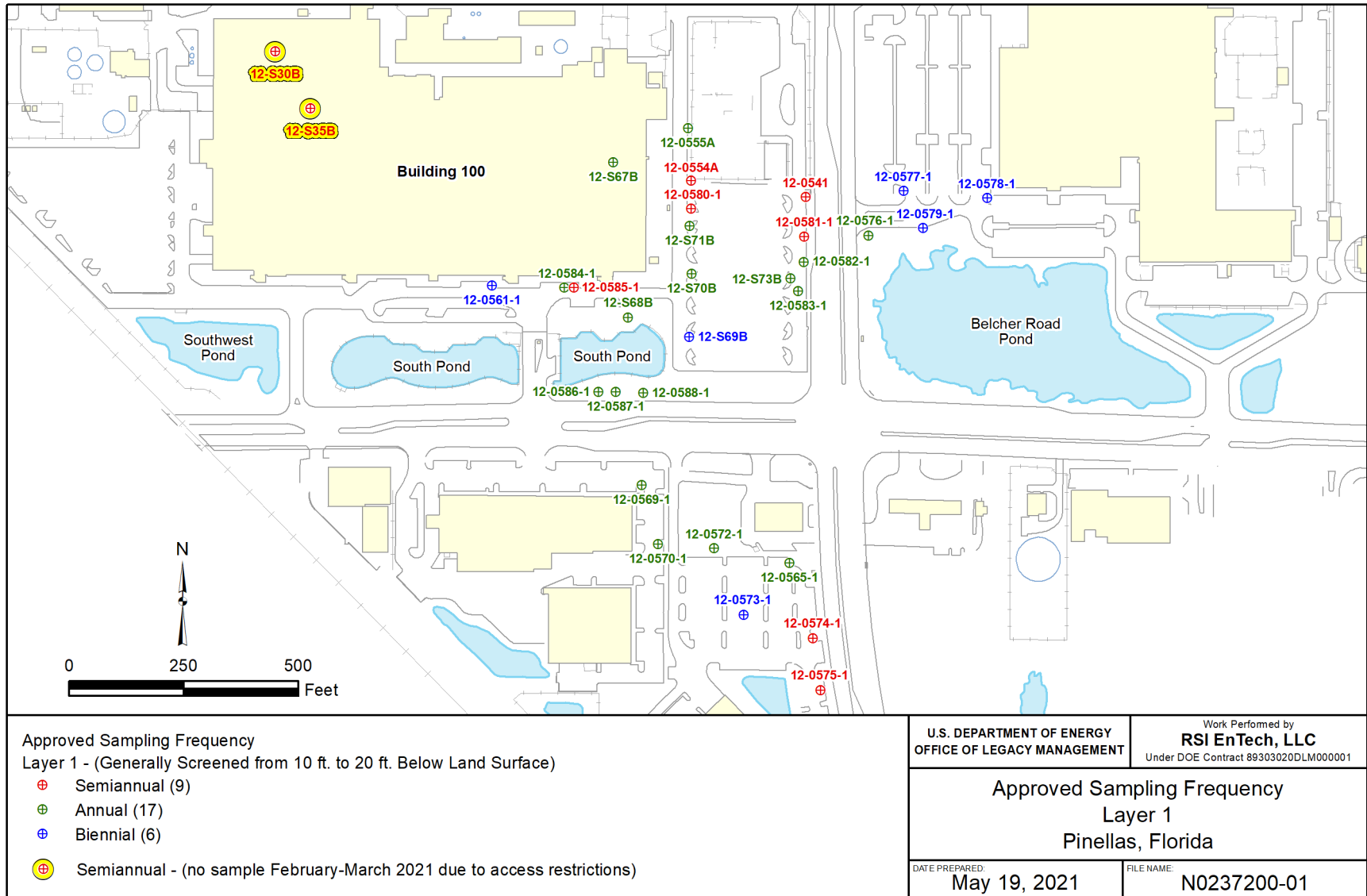


Figure 24. Approved Sampling Frequency Layer 1

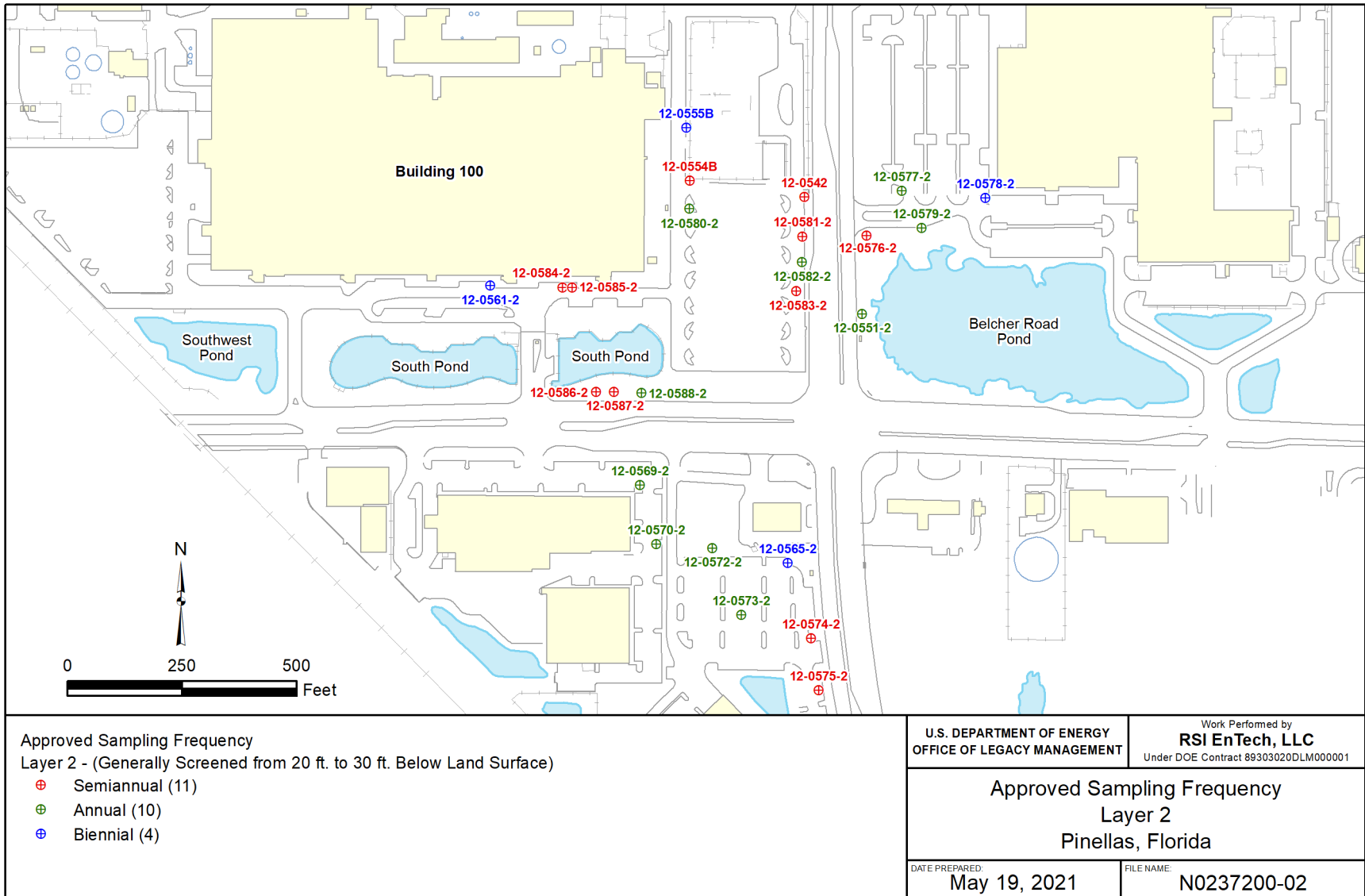


Figure 25. Approved Sampling Frequency Layer 2

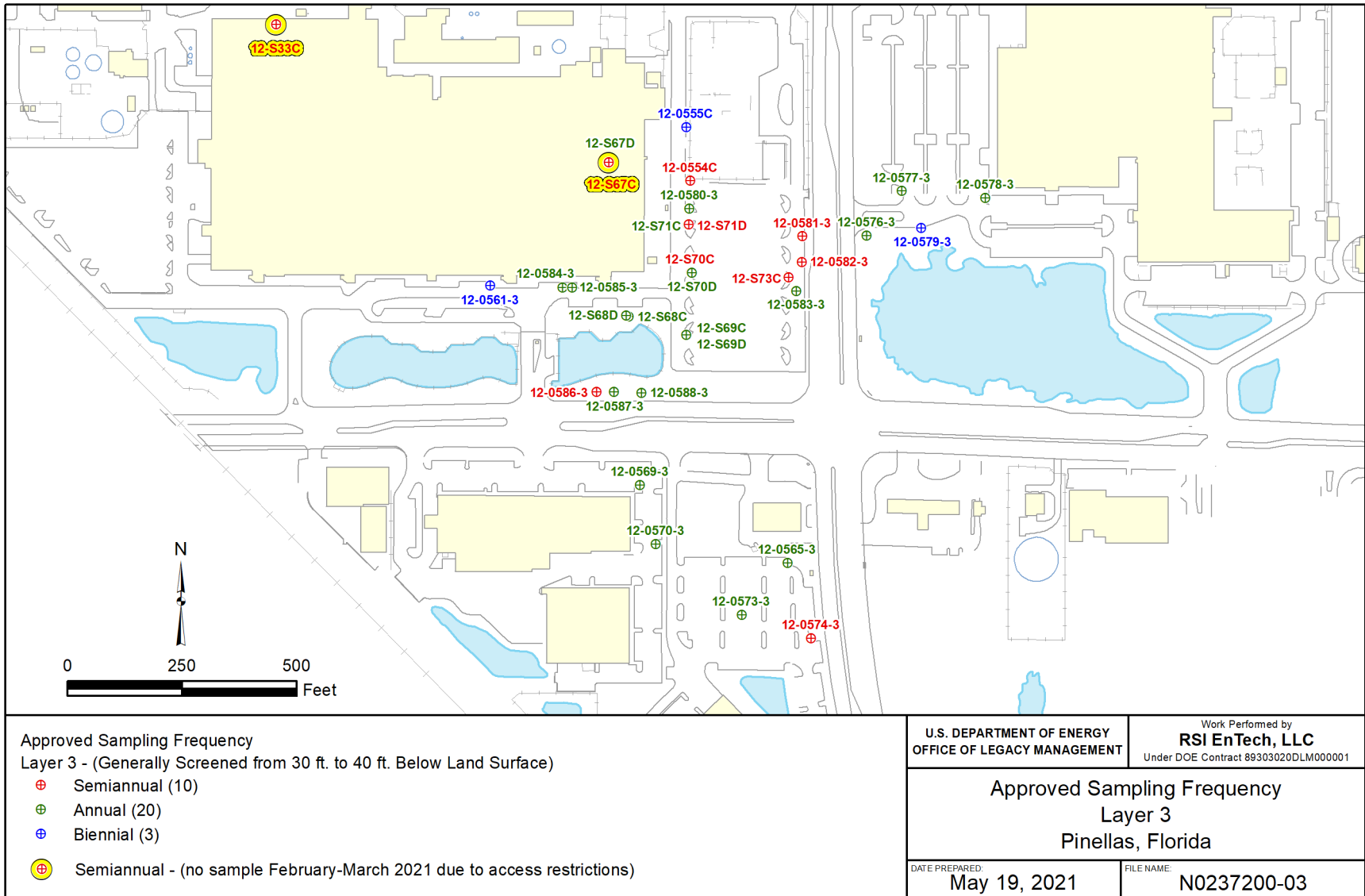


Figure 26. Approved Sampling Frequency Layer 3

Table 1. Groundwater-Level Data at the STAR Center, September 2020 and February 2021

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	Sitewide Piezometers			
PZ03	9/9/2020	8:43	3.42	15.42
PZ03	2/23/2021	9:55	3.61	15.23
PZ04	9/9/2020	9:04	2.40	14.94
PZ04	2/23/2021	9:48	2.22	15.12
PZ05	9/9/2020	8:35	1.79	15.44
PZ05	2/23/2021	9:38	1.66	15.57
PZ08	9/9/2020	8:58	3.24	14.3
PZ08	2/23/2021	10:34	3.36	14.18
PZ09	9/9/2020	9:10	2.96	14.18
PZ09	2/23/2021	10:52	2.93	14.21
PZ10	9/9/2020	8:50	4.47	13.55
PZ10	2/23/2021	10:04	4.17	13.85
PZ11	9/9/2020	8:52	4.47	13.55
PZ11	2/23/2021	10:08	4.33	13.69
PIN12	Building 100 Area			
0524	9/9/2020	10:56	2.85	13.7
0524	2/23/2021	13:48	2.84	13.71
0525	9/9/2020	11:01	2.80	13.76
0525	2/23/2021	13:53	2.89	13.67
0539	9/9/2020	14:13	2.93	12.75
0539	2/23/2021	16:16	2.96	12.72
0540	9/9/2020	14:15	2.54	12.7
0540	2/23/2021	16:18	2.46	12.78
0541	9/9/2020	14:28	4.29	12.51
0541	2/23/2021	16:46	4.13	12.67
0542	9/9/2020	14:29	4.18	12.66
0542	2/23/2021	16:48	4.05	12.79
0549	9/9/2020	14:30	4.22	12.58
0549	2/23/2021	16:50	4.05	12.75
0550-1	9/9/2020	10:54	2.07	11.77
0550-1	2/23/2021	14:16	2.03	11.81
0550-2	9/9/2020	10:55	1.90	11.94
0550-2	2/23/2021	14:18	1.88	11.96
0550-3	9/9/2020	10:56	1.97	11.87
0550-3	2/23/2021	14:20	1.80	12.04
0551-1	9/9/2020	10:49	3.07	11.47
0551-1	2/23/2021	14:24	2.72	11.82
0551-2	9/9/2020	10:51	2.96	11.58
0551-2	2/23/2021	14:26	2.76	11.78
0551-3	9/9/2020	10:52	2.67	11.87
0551-3	2/23/2021	14:28	2.47	12.07
0554A	9/9/2020	11:46	4.08	13.3
0554A	2/23/2021	17:07	4.06	13.32
0554B	9/9/2020	11:47	4.03	13.35
0554B	2/23/2021	17:10	4.06	13.32
0554C	9/9/2020	11:47	4.03	13.35
0554C	2/23/2021	17:13	4.05	13.33

Table 1. Groundwater-Level Data at the STAR Center, September 2020 and February 2021 (continued)

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0555A	9/9/2020	11:34	3.02	14.01
0555A	2/23/2021	9:21	3.23	13.8
0555B	9/9/2020	11:31	3.50	13.53
0555B	2/23/2021	9:16	3.53	13.5
0555C	9/9/2020	11:28	3.44	13.59
0555C	2/23/2021	9:00	3.55	13.48
0561-1	9/9/2020	9:30	2.49	14.87
0561-1	2/23/2021	13:02	2.62	14.74
0561-2	9/9/2020	9:33	2.73	14.63
0561-2	2/23/2021	13:03	2.84	14.52
0561-3	9/9/2020	9:35	2.70	14.66
0561-3	2/23/2021	13:04	2.88	14.48
0564-1	9/9/2020	9:33	2.39	12.25
0564-1	2/23/2021	10:15	2.23	12.41
0564-2	9/9/2020	9:34	2.29	12.35
0564-2	2/23/2021	10:17	2.44	12.2
0564-3	9/9/2020	9:35	2.29	12.35
0564-3	2/23/2021	10:19	2.35	12.29
0565-1	9/9/2020	9:12	3.06	11.78
0565-1	2/23/2021	13:03	3.12	11.72
0565-2	9/9/2020	9:13	3.12	11.72
0565-2	2/23/2021	13:05	3.16	11.68
0565-3	9/9/2020	9:14	3.13	11.71
0565-3	2/23/2021	13:07	2.92	11.92
0569-1	9/9/2020	9:52	4.29	12.96
0569-1	2/23/2021	9:51	4.42	12.83
0569-2	9/9/2020	9:53	4.27	12.98
0569-2	2/23/2021	9:53	4.42	12.83
0569-3	9/9/2020	9:54	4.30	12.95
0569-3	2/23/2021	9:55	4.60	12.65
0570-1	9/9/2020	9:43	4.34	12.6
0570-1	2/23/2021	9:35	4.52	12.42
0570-2	9/9/2020	9:44	4.46	12.48
0570-2	2/23/2021	9:37	4.60	12.34
0570-3	9/9/2020	9:45	4.29	12.65
0570-3	2/23/2021	9:39	4.59	12.35
0572-1	9/9/2020	9:20	2.26	12.48
0572-1	2/23/2021	13:14	2.27	12.47
0572-2	9/9/2020	9:21	2.37	12.37
0572-2	2/23/2021	13:16	2.38	12.36
0572-3	9/9/2020	9:22	3.64	11.1
0573-1	9/9/2020	9:01	2.43	11.71
0573-1	2/23/2021	10:41	2.42	11.72
0573-2	9/9/2020	9:02	2.35	11.79
0573-2	2/23/2021	10:39	2.43	11.71
0573-3	9/9/2020	9:03	2.39	11.75
0573-3	2/23/2021	10:37	2.45	11.69
0574-1	9/9/2020	8:50	4.73	10.71
0574-1	2/23/2021	12:51	4.80	10.64
0574-2	9/9/2020	8:51	4.56	10.88

Table 1. Groundwater-Level Data at the STAR Center, September 2020 and February 2021 (continued)

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0574-2	2/23/2021	12:53	4.62	10.82
0574-3	9/9/2020	8:52	4.58	10.86
0574-3	2/23/2021	12:55	4.64	10.8
0575-1	9/9/2020	8:35	4.30	10.14
0575-1	2/23/2021	10:54	4.40	10.04
0575-2	9/9/2020	8:36	4.26	10.18
0575-2	2/23/2021	10:56	4.37	10.07
0576-1	9/9/2020	10:36	4.72	11.92
0576-1	2/23/2021	14:37	4.42	12.22
0576-2	9/9/2020	10:38	4.61	12.03
0576-2	2/23/2021	14:39	4.33	12.31
0576-3	9/9/2020	10:40	4.46	12.18
0576-3	2/23/2021	14:54	5.82	10.82
0577-1	9/9/2020	10:18	5.17	11.87
0577-1	2/23/2021	13:56	4.75	12.29
0577-2	9/9/2020	10:19	5.16	11.88
0577-2	2/23/2021	13:58	4.72	12.32
0577-3	9/9/2020	10:21	4.96	12.08
0577-3	2/23/2021	14:00	4.73	12.31
0578-1	9/9/2020	10:09	4.91	12.03
0578-1	2/23/2021	13:36	4.55	12.39
0578-2	9/9/2020	10:10	4.92	12.02
0578-2	2/23/2021	13:38	4.55	12.39
0578-3	9/9/2020	10:11	4.63	12.31
0578-3	2/23/2021	13:40	4.53	12.41
0579-1	9/9/2020	10:30	4.49	12.05
0579-1	2/23/2021	14:54	4.23	12.31
0579-2	9/9/2020	10:31	4.66	11.88
0579-2	2/23/2021	14:56	4.22	12.32
0579-3	9/9/2020	10:32	4.36	12.18
0579-3	2/23/2021	14:58	4.25	12.29
0580-1	9/9/2020	11:54	4.42	13.22
0580-1	2/23/2021	17:20	4.37	13.27
0580-2	9/9/2020	11:56	4.39	13.25
0580-2	2/23/2021	17:23	4.39	13.25
0580-3	9/9/2020	11:57	4.37	13.27
0580-3	2/23/2021	17:26	4.38	13.26
0581-1	9/9/2020	14:21	3.87	12.63
0581-1	2/23/2021	16:35	3.81	12.69
0581-2	9/9/2020	14:23	3.88	12.62
0581-2	2/23/2021	16:37	3.75	12.75
0581-3	9/9/2020	14:22	3.06	13.44
0581-3	2/23/2021	16:39	4.04	12.46
0582-1	9/9/2020	12:15	3.25	12.62
0582-1	2/23/2021	16:02	3.06	12.81
0582-2	9/9/2020	12:17	1.85	14.02
0582-2	2/23/2021	16:04	3.04	12.83
0582-3	9/9/2020	12:19	2.39	13.48
0582-3	2/23/2021	16:06	3.38	12.49
0583-1	9/9/2020	11:58	0.81	14.84

Table 1. Groundwater-Level Data at the STAR Center, September 2020 and February 2021 (continued)

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0583-1	2/23/2021	15:43	3.01	12.64
0583-2	9/9/2020	11:59	0.90	14.75
0583-2	2/23/2021	15:45	2.79	12.86
0584-1	9/9/2020	14:17	2.26	14.48
0584-1	2/23/2021	13:20	2.39	14.35
0584-2	9/9/2020	14:11	2.76	13.98
0584-2	2/23/2021	13:24	2.86	13.88
0585-1	9/9/2020	13:49	2.60	14.03
0585-1	2/23/2021	16:04	4.52	12.11
0585-2	9/9/2020	13:58	2.79	13.84
0585-2	2/23/2021	16:14	2.76	13.87
0585-3	9/9/2020	13:53	2.43	14.2
0586-1	9/9/2020	15:04	4.96	11.58
0586-1	2/23/2021	15:24	4.48	12.06
0586-2	9/9/2020	14:58	3.43	13.11
0586-2	2/23/2021	15:28	3.42	13.12
0586-3	9/9/2020	15:03	5.50	11.04
0587-1	9/9/2020	15:12	3.74	12.9
0587-1	2/23/2021	15:07	4.06	12.58
0587-2	9/9/2020	15:11	4.13	12.51
0587-2	2/23/2021	15:08	3.61	13.03
0587-3	9/9/2020	15:13	4.25	12.39
0588-1	9/9/2020	9:45	3.26	13.28
0588-1	2/23/2021	14:47	3.47	13.07
0588-2	9/9/2020	9:47	3.30	13.24
0588-2	2/23/2021	14:51	3.45	13.09
0588-3	2/23/2021	14:58	3.94	12.6
PZ01	9/9/2020	13:51	4.30	12.34
PZ01	2/23/2021	14:09	4.27	12.37
PZ02	9/9/2020	13:42	5.33	12.71
PZ02	2/23/2021	13:43	5.64	12.4
PZ03	9/9/2020	13:58	3.83	12.21
PZ03	2/23/2021	13:31	3.63	12.41
S68B	2/23/2021	15:52	4.41	12.63
S68C	2/23/2021	15:58	3.47	13.57
S69B	9/9/2020	14:52	2.01	13.13
S69B	2/23/2021	16:33	1.95	13.19
S69C	9/9/2020	14:53	1.97	13.17
S69C	2/23/2021	16:28	2.01	13.13
S69D	9/9/2020	14:53	2.22	12.92
S69D	2/23/2021	16:33	1.92	13.22
S70B	9/9/2020	14:40	2.52	13.32
S70B	2/23/2021	16:54	2.53	13.31
S70C	9/9/2020	14:41	2.40	13.44
S70C	2/23/2021	17:01	2.42	13.42
S70D	9/9/2020	14:42	2.48	13.36
S70D	2/23/2021	17:06	2.53	13.31
S71B	9/9/2020	12:11	4.76	12.78
S71B	2/23/2021	17:26	4.38	13.16
S71C	9/9/2020	12:10	4.24	13.3

Table 1. Groundwater-Level Data at the STAR Center, September 2020 and February 2021 (continued)

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
S71C	2/23/2021	17:23	4.28	13.26
S71D	9/9/2020	12:12	3.88	13.66
S71D	2/23/2021	17:22	4.31	13.23
S73B	9/9/2020	14:06	4.85	11.29
S73B	2/23/2021	16:22	3.18	12.96
S73C	9/9/2020	14:07	3.40	12.74
S73C	2/23/2021	16:25	3.30	12.84
S73D	9/9/2020	14:09	4.11	12.03

Abbreviation:

ft bls = feet below land surface

Table 2. Surface-Water Level Data, September 2020 and February 2021

Location	Measurement		Surface-Water Elevation (ft amsl)
	Date	Time	
PIN01	Pond 5		
P501	9/9/2020	14:51	12.98
P501	2/23/2021	10:44	13.86
PIN02	West Pond		
W005	9/9/2020	15:09	13.32
W005	2/23/2021	10:28	13.33
PIN12	Belcher Road Pond		
BR01	9/9/2020	15:40	12.40
PIN23	Southwest Pond		
SW01	9/9/2020	15:17	12.96
SW01	2/23/2021	12:52	12.94
PIN37	South Pond		
S001	9/9/2020	15:15	12.93
S001	2/23/2021	12:50	12.58

Abbreviation:

NM = not measured

Table 3. Field Measurements of Samples Collected at the Building 100 Area

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
September 2020							
0541	10-20	30.03	986	5.69	6.67	-63.9	0.94
0542	20-30	29.91	992	5.53	6.69	-69.5	0.75
0554A	3-13	30.48	717	2.44	6.63	-37.7	0.39
0554B	13-23	29.20	628	14.6	6.43	-53.1	0.33
0554C	23-33	28.73	761	13.2	6.63	-57.5	0.44
0574-1	9-18	32.02	1277	14.9	6.60	-65.0	0.89
0574-2	20-29	32.29	1443	6.24	6.50	-43.4	0.79
0574-3	31-40	31.59	1612	7.65	6.60	-31.1	0.70
0575-1	9-18	31.73	1291	9.72	6.70	-63.7	1.00
0575-2	20-29	31.62	1485	10.1	6.71	-46.1	1.33
0576-2	15-24			10.2			
0580-1	9-18	30.47	942	3.71	6.73	-70.2	1.01
0581-1	9-18	33.72	933	2.14	6.60	-52.0	0.51
0581-2	20-29	33.39	1310	4.27	6.56	-76.2	0.46
0581-3	31-40	33.40	1449	8.17	6.68	-30.3	0.35
0582-3	31-40	31.29	873	22.4	6.50	-17.8	0.91
0583-2	20-29	31.54	1847	10.3	6.48	-81.4	1.13
0584-2	20-29	29.90		11.1	6.65	-92.4	2.15
0585-1	9-18	30.53	708	12.0	6.57	-67.7	2.44
0585-2	20-29			21.2			
0586-2	19-28	28.76	972	14.1	6.28	-34.3	1.27
0587-2	20-29	28.20	1132	13.0	5.11	66.9	1.84
S70C	20-30	29.56	1184	14.9	6.60	-49.5	0.82
S71D	30-40	29.16	1528	94.5	6.49	-53.6	0.82
S73C	20-30	29.78	1516	34.9	6.61	-36.0	0.88
February/March 2021							
0541	10-20	27.86	975	4.21	6.78	-54.8	0.29
0542	20-30	28.27	940	5.87	6.88	-61.9	0.20
0551-2	20-29	26.77	1491	1.82	6.65	-64.3	1.00
0554A	3-13	25.49	726	1.94	6.80	-16.9	0.28
0554B	13-23	26.47	627	15.1	6.69	-43.8	0.23
0554C	23-33	26.16	765	14.1	6.93	-48.5	0.23
0555A	2.5-12.5	23.71	394	1.95	6.75	-96.9	0.24
0565-1	9-18	26.19	1094	1.81		-16.2	0.10
0565-3	31-40	23.99	771	0.37		-23.3	0.21
0569-1	9-18	23.97	2210	1.08		-89.1	0.09
0569-2	20-29	24.97	1497	2.27		-74.2	0.13
0569-3	31-40	26.12	1594	5.82		-74.1	0.13
0570-1	9-18	25.10	2562	0.43		5.8	0.19
0570-2	20-29	26.41	1976	0.45		-39.2	0.12
0570-3	31-40	26.30	1385	3.05		-29.8	0.15
0572-1	9-18	24.52	991	2.24		-32.3	0.22
0572-2	20-29	25.10	1472	1.96		-7.8	0.24

Table 3. Field Measurements of Samples Collected at the Building 100 Area (continued)

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0573-2	20-29	27.49	1676	2.11		-64.8	0.16
0573-3	31-40	27.84	1512	4.73		0.2	0.20
0574-1	9-18	25.44	1297	3.41		-12.6	0.26
0574-2	20-29	26.60	1434	6.57		-40.1	0.22
0574-3	31-40	27.60	1694	2.65		-64.1	0.33
0575-1	9-18	27.07	1460	0.54		-11.6	0.25
0575-2	20-29	27.50	1665	1.37		-34.9	0.19
0576-1	4-13	24.17	1350	2.63	6.35	-219.2	1.28
0576-2	15-24	25.57	1069	2.16	6.41	-240.2	0.64
0576-3	26-35			875			
0577-2	15-24	26.34	944	1.58	6.60	-89.0	0.73
0577-3	26-35	27.01	1343	0.95	6.66	-71.4	1.07
0578-3	26-35	27.74	1123	0.33	6.53	-55.6	0.67
0579-2	15-24	24.74	1019	0.41	6.62	-91.7	0.86
0580-1	9-18	26.75	767	1.00	6.78	-39.4	0.48
0580-2	20-29	27.26	1173	7.02	6.72	-108.8	0.26
0580-3	31-40	27.26	1573	4.50	6.82	-63.3	0.26
0581-1	9-18	27.98	1062	29.3	6.69	-65.0	0.13
0581-2	20-29	28.48	1316	10.7	6.81	-161.0	0.13
0581-3	31-40			184			
0582-1	9-18			884			
0582-2	20-29	27.83	1796	14.0	6.64	-186.1	0.44
0582-3	31-40	28.32	1680	42.2	6.56	-72.3	0.21
0583-1	9-18	28.06	948	16.7	6.59	-92.0	0.17
0583-2	20-29	29.23	1810	9.99	6.64	-163.2	0.11
0584-1	9-18	27.48	972	3.92	6.45	-66.3	0.20
0584-2	20-29	27.21	935	12.5	6.65	-95.8	0.13
0584-3	31-40	27.46	1500	11.2	6.21	-87.2	0.13
0585-1	9-18	24.89	724	98	6.61	-70.3	0.23
0585-2	20-29			107			
0586-1	8-17			19.8			
0586-2	19-28			12.3			
0586-3	30-39			49.8			
0587-1	9-18			9.18			
0587-2	20-29			29.6			
0588-1	9-18			77.1			
0588-2	20-29			37.0			
0588-3	31-40			231			
S68B	10-20	24.08	843	2.69	6.86	-73.0	0.29
S68C	18-28	24.93	1103	14.3	6.67	-49.6	0.20
S69C	20-30	27.41	684	4.08	6.99	-52.5	0.27
S69D	30-40	27.58	1574	5.78	6.90	-22.9	0.20
S70B	10-20	28.01	1419	7.79	6.91	-32.3	0.37
S70C	20-30	29.01	1226	12.5	6.76	-39.5	0.43

Table 3. Field Measurements of Samples Collected at the Building 100 Area (continued)

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
S70D	30-40	29.16	1384	26.7	6.87	-42.5	0.15
S71B	10-20	26.69	1224	23.6	6.81	-67.9	0.28
S71C	20-30	27.12	1254	8.3	6.83	-44.9	0.22
S71D	30-40			409			
S73B	10-20	27.50	801	22.7	6.54	-115.5	0.21
S73C	20-30	28.38	1479	14.7	6.70	-41.8	0.21

Notes:

Field measurements could not be taken at some locations due to oil impacts.

^a Temperature corrected to 25 °C.

Abbreviations:

ft bls = feet below land surface;
 µmho/cm = micromhos per centimeter
 mV = millivolts
 NTU = nephelometric turbidity units

Table 4. Relative Percent Difference for Field Duplicate Samples, February–March 2021
 (Results in µg/L)

Sample ID	Duplicate ID	Analyte	Result	Dup Result	RPD
PIN12-0572-2	PIN12-2199	1,4-Dioxane	1.9	1.7	11.1
PIN12-0574-2	PIN12-2200	1,4-Dioxane	1.6	1.5	6.5
		Toluene	6.3	6.4	1.6
PIN12-0584-2	PIN12-2201	1,4-Dioxane	0.80 J	0.94 J	≤PQL
		<i>cis</i> -1,2-Dichloroethene	0.44 J	0.40 J	≤PQL
		Toluene	0.17 J	0.21 J	≤PQL
PIN12-S68C	PIN12-2202	1,4-Dioxane	2.9	3.0	3.4
		Toluene	0.25 J	0.28 J	≤PQL

Abbreviations:

Dup = duplicate

J = estimated value

≤PQL = The RPD is not used to evaluate results that are less than 5 times the practical quantitation limit (PQL); the range between these results is less than or equal to the PQL, which meets the acceptance criteria.

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b}

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0524	27–37	3/4/2017	<0.32	250	1.9J	5.3J	230	1.2	488.4
		9/9/2017	<0.32	630	4.5	16	360	1.6	1012.1
		3/3/2018	<0.16	260	1.7	5	150	2.1	418.8
		9/8/2018	<0.16	98	1.1	2.9	100	2.0J	204
0525	12–22	3/4/2017	<0.16	27	0.16J	0.78J	5.8	3.4J	37.14
		9/9/2017	<0.16	2	<0.15	<0.23	0.41J	4.6	7.01
		3/3/2018	1.9	5.6	0.17J	<0.23	1.9	5.1	14.67
		9/8/2018	<0.16	1.6	<0.15	<0.23	0.43J	4.0J	6.03
0539	9.5–19.5	3/3/2017	<0.16	<0.15	0.18J	<0.23	0.25J	0.46J	0.89
		9/14/2017	<0.16	<0.15	1.2	<0.23	6.2	11J	18.4
		3/2/2018	<0.16	<0.15	0.20J	<0.23	1.8	1.1J	3.1
		9/11/2018	<0.16	<0.15	<0.15	<0.23	3.2	0.68J	3.88
0540	20–30	3/2/2017	<0.16	1.3	5.4	<0.23	47	45	98.7
		9/14/2017	<0.16	<0.15	8.1	<0.23	66	47	121.1
		3/2/2018	<0.16	<0.15	4.1	<0.23	17	45	66.1
		9/11/2018	<0.16	<0.15	2.6	<0.23	4.7	41J	48.3
0541	10–20	3/2/2017	<0.16	0.25J	<0.15	<0.23	<0.10	0.81J	1.06
		9/14/2017	<0.16	0.97J	<0.15	0.24J	0.29J	1.7	3.2
		3/6/2018	<0.16	1.1	<0.15	0.29J	0.42J	1.3J	3.11
		9/6/2018	<0.16	1.7	<0.15	0.39J	1.6	2.5*J	6.19
		3/7/2019	<0.16	3.3	0.60JN	1	3.4	2.7	11
		3/9/2020	<0.16	4.1	0.94J	0.81J	15	14	34.85
		9/14/2020	<0.16	4.2	1.1	0.65J	16	19	40.95
0542	20–30	3/1/2021	<0.16	4.2	1.4	0.75J	18	19	43.35
		3/2/2017	<0.16	0.69J	<0.15	<0.23	<0.10	1.3	1.99
		9/14/2017	<0.16	0.91J	<0.15	<0.23	<0.10	3.1	4.01
		3/6/2018	<0.16	1.2	<0.15	0.32J	0.29J	1.6J	3.41
		9/6/2018	<0.16	2.1	0.19J	0.47J	1.4	1.4*J	5.56
		3/7/2019	<0.16	4.9	0.70JN	1.4	2.9	4.2J	14.1
		3/10/2020	<0.16	4.2	0.69J	1	9.5	12	27.39
0549	30–40	9/14/2020	<0.16	5.4	1.3	1.1	12	22	41.8
		3/1/2021	<0.16	6.1	1.2	1.5	16	22	46.8
		3/2/2017	<0.16	0.41J	<0.15	<0.23	<0.10	2.9	3.31
		9/14/2017	<0.16	0.39J	<0.15	<0.23	<0.10	4.2	4.59
0551-1	9–18	3/6/2018	<0.16	0.47J	<0.15	<0.23	<0.10	3.6	4.07
		9/6/2018	<0.16	0.54J	<0.15	<0.23	<0.10	4.2*J	4.74
		3/11/2019	<0.16	<0.15	<0.15	<0.23	0.64J	1.6	2.24
		3/6/2017	<0.16	<0.15	<0.15	<0.23	2.2	2.6	4.8
0551-2	20–29	9/12/2017	<0.16	0.16J	<0.15	<0.23	14	12	26.16
		3/7/2018	<0.16	0.18J	<0.15	<0.23	6.6	8.5	15.28
		9/11/2018	<0.16	0.28J	0.20J	<0.23	4.8	9.9J	15.18
		3/11/2019	<0.16	<0.15	<0.17J	<0.23	1.5	6.1	7.6
		9/19/2019	<1.6	<1.5	<1.5	<2.3	<1.0	3.4J	3.4
		3/5/2020	<0.16	<0.15	<0.15	<0.23	0.69J	1.7	2.39
		3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.7	1.7
0554A	3–13	3/1/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22J	ND
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.76J	3.1*J	3.86
		3/10/2020	<0.16	0.36J	0.22J	<0.23	8.6	33	42.18
		9/10/2020	<0.16	<0.15	0.64J	<0.23	3.6	38	42.24
		2/25/2021	<0.16	<0.15	0.35J	<0.23	2.1	32B	34.45
0554B	13–23	3/1/2017	<0.16	0.35J	<0.15	<0.23	1.5	4	5.85
		9/12/2017	<0.16	<0.15	<0.15	<0.23	0.63J	2.4	3.03
		3/6/2018	<0.16	0.16J	<0.15	<0.23	1.3	8.5	9.96
		9/6/2018	<0.16	0.60J	0.54J	<0.23	7.9	76J	85.04
		3/6/2019	<0.16	1.1	0.91JN	<0.23	13	32J	47.01
		3/10/2020	<0.16	1.6	1.3	<0.23	18	47	67.9
		9/10/2020	<0.16	1.2	1.5	<0.23	8.5	45	56.2
0554C	23–33	2/25/2021	<0.16	2.3	2.1	<0.23	15	35B	54.4
		3/2/2017	<0.16	0.33J	2.4	<0.23	14	80	96.73
		9/12/2017	<0.16	<0.15	1.4	<0.23	5.1	130	136.5
		3/5/2018	<0.16	1.9	2.4	<0.23	51	120	175.3
		9/6/2018	<0.16	10	3.6	0.51J	84	290J	388.11
		3/6/2019	<0.16	14	4.7N	0.95J	90	24	133.65
		9/19/2019	<0.80	1.4J	<0.75	<1.2	4.0J	140	145.4
0555A	2.5–12.5	3/10/2020	<0.16	12	4.8	0.69J	100	110	227.49
		9/10/2020	<0.16	12	3.8	0.71J	70	98	184.51
		2/25/2021	<0.16	16	4.9	0.65J	73	91B	185.55
		3/1/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.46J	0.46
0555B	13–23	3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.38J	0.38
		3/10/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		2/25/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		3/1/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
0555B	13–23	9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/10/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0555C	23-33	3/1/2017	<0.16	0.84J	0.26J	<0.23	<0.10	<0.22	1.1
		9/12/2017	<0.16	1	0.34J	<0.23	<0.10	0.43J	1.77
		3/5/2018	<0.16	1	0.28J	<0.23	<0.10	0.62J	1.9
		9/5/2018	<0.16	1	0.32J	<0.23	<0.10	0.50J*	1.82
		3/6/2019	<0.16	1.3	0.55JN	0.66J	<0.10	<0.66	2.51
		3/10/2020	<0.16	1.8	0.58J	0.51J	<0.10	1.1J	3.99
0561-1	9-18	3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/8/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.42J	0.42
		3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0561-2	20-29	3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/8/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.29J	0.29
3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND		
0561-3	31-40	3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.24J	0.24
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.54J	0.54
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.46J	0.46
		9/8/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.86J	0.86
3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.56J	0.56		
0565-1	9-18	3/7/2017	<0.16	0.59J	0.16J	<0.23	0.25J	<0.22	1
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.31J	0.31
		3/1/2018	<0.16	0.20J	<0.15	<0.23	0.18J	<0.22	0.38
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.11J	0.37J	0.48
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.60J	0.6
		2/25/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.92J	ND
0565-2	20-29	3/7/2017	<0.16	0.21J	<0.15	<0.23	<0.10	<0.22	0.21
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.64J	0.64
		3/1/2018	<0.16	0.58J	0.16J	<0.23	0.33J	0.28J	1.35
		9/6/2018	<0.16	0.43J	<0.15	<0.23	0.33J	0.32J*	1.08
		3/7/2019	<0.16	0.67J	<0.15N	<0.23	<0.10	<0.66	0.67
		3/5/2020	<0.16	0.39J	<0.15	<0.23	<0.10	0.49J	0.88
0565-3	31-40	3/7/2017	<0.16	0.23J	<0.15	<0.23	<0.10	<0.22	0.23
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/1/2018	<0.16	<0.15	<0.15	<0.23	0.10J	<0.22	0.1
		9/6/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/7/2019	<0.16	<0.15	<0.15N	<0.23	<0.10	<0.66	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		2/26/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0568-1	9-18	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/9/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/11/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.70J	0.7
0568-2	20-29	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/9/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.35J	0.35
		9/11/2018	<0.16	<0.15	<0.15	<0.23	<0.10	12J	12
0568-3	31-40	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/9/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/11/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<4.4	ND
0569-1	9-18	3/7/2017	<0.16	0.42J	<0.15	<0.23	0.65J	0.28J	1.35
		9/9/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/3/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/8/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.56J	0.56
		3/9/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.88J	0.88
2/26/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND		
0569-2	20-29	3/7/2017	<0.16	2.3	<0.15	<0.23	3.1	1.8	7.2
		9/9/2017	<0.16	1.4	<0.15	<0.23	2.6	1.9	5.9
		3/3/2018	<0.16	0.66J	<0.15	<0.23	2.1	2.8	5.56
		9/8/2018	<0.16	<0.15	<0.15	<0.23	1.2	1.7J	2.9
		3/9/2019	<0.16	<0.15	<0.15	<0.23	1.8	1.0J	2.8
		3/5/2020	<0.16	<0.17J	<0.15	<0.23	1.3	1.9	3.2
		2/26/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.85J	0.85
0569-3	31-40	3/7/2017	<0.16	<0.15	<0.15	<0.23	3.3	0.76J	4.06
		9/9/2017	<0.16	<0.15	<0.15	<0.23	2.4	1.7	4.1
		3/3/2018	<0.16	<0.15	<0.15	<0.23	1.1	0.92J	2.02
		9/8/2018	<0.16	<0.15	<0.15	<0.23	0.89J	1.3J	2.19
		3/9/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/6/2020	<0.16	<0.15	<0.15	<0.23	1	1.2J	2.2
		2/26/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.93J	0.93
0570-1	9-18	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/2/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.24J	0.24
		9/11/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<4.4	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.49J	0.49
		2/26/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0570-2	20-29	3/7/2017	<0.16	<0.15	<0.15	<0.23	0.89J	1.2	2.09
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.62J	0.62
		3/2/2018	<0.16	<0.15	<0.15	<0.23	1.2	1.6J	2.8
		9/11/2018	<0.16	<0.15	<0.15	<0.23	0.61J	<4.4	0.61
		3/7/2019	<0.16	<0.15	<0.15N	<0.23	<0.10	<0.66	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	1.5	1.7	3.2
2/26/2021	<0.16	<0.16	0.30J	<0.15	<0.23	<0.10	<1.5	0.3	

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0570-3	31-40	3/7/2017	<0.16	<0.15	<0.15	<0.23	1.9	0.89J	2.79
		9/13/2017	<0.16	<0.15	<0.15	<0.23	1.6	1.0J	2.6
		3/2/2018	<0.16	<0.15	<0.15	<0.23	1.9	0.85J	2.75
		9/11/2018	<0.16	<0.15	<0.15	<0.23	2	<4.4	2
		3/7/2019	<0.16	<0.15	<0.15N	<0.23	2.9	<0.66	2.9
		3/5/2020	<0.16	<0.15	<0.15	<0.23	3.4	1.2J	4.6
		2/26/2021	<0.16	<0.15	<0.15	<0.23	3.3	<1.4	3.3
0572-1	9-18	3/7/2017	<0.16	<0.15	<0.15	<0.23	0.94J	1.9	2.84
		9/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		2/28/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.11J	<0.22	0.11
		3/7/2019	<0.16	<0.15	<0.15N	<0.23	<0.10	<0.66	ND
		3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		2/25/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.47J	ND
0572-2	20-29	3/7/2017	<0.16	<0.15	<0.15	<0.23	1	2	3
		9/7/2017	<0.16	<0.15	<0.15	<0.23	8.3	1.7J	10
		2/28/2018	<0.16	<0.15	<0.15	<0.23	0.41J	1.5J	1.91
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.30J	1.4J	1.7
		3/7/2019	<0.16	<0.15	<0.15N	<0.23	<0.10	0.88J	0.88
		3/6/2020	<0.16	<0.15	<0.15	<0.23	3.3J	1.5	4.8
		2/25/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<1.9	ND
0573-1	9-18	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/8/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/1/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/6/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0573-2	20-29	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.47J	0.47
		9/8/2017	<0.16	<0.15	<0.15	<0.23	0.52J	0.43J	0.95
		3/1/2018	<0.16	<0.15	<0.15	<0.23	0.71J	0.74J	1.45
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.30J	0.41J	0.71
		3/6/2019	<0.16	<0.15	<0.15N	<0.23	<0.10	<0.66	ND
		3/6/2020	<0.16	<0.15	<0.15	<0.23	0.92J	0.89J	1.81
		2/25/2021	<0.16	<0.15	<0.15	<0.23	1	<1.1J	1
0573-3	31-40	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/8/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/1/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.62J	0.62
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.23J	0.45J	0.68
		3/6/2020	<0.16	<0.15	<0.15	<0.23	0.88J	0.77J	1.65
		2/25/2021	<0.16	<0.15	<0.15	<0.23	0.92J	<0.95J	0.92
0574-1	9-18	3/7/2017	<0.16	110	0.91J	5.4	38	1.4	155.71
		9/13/2017	<0.16	110	0.83J	4.1	38	1.4	154.33
		3/1/2018	<0.16	86	0.95J	3.4	46	2.1J	138.45
		9/7/2018	<0.16	110	1.6	6	56	1.8J	175.4
		3/7/2019	<0.16	100	1.3N	5.1	49	0.75J	156.15
		9/19/2019	<0.64	72	0.74J	2.8J	39	2.4J	116.94
		3/5/2020	<0.16	45	0.43J	2	49	1.7	98.13
		9/11/2020	<0.16	16	0.35J	0.43J	36	<1.5	52.78
		2/25/2021	<0.16	<0.15	<0.15	<0.23	27	<1.5	27
0574-2	20-29	3/7/2017	<0.16	300	2.9	14	62	1.9	380.8
		9/13/2017	<0.16	230	2.5	12	71	2.2	317.7
		3/1/2018	<0.16	0.91J	0.50J	<0.23	46	2.5J	49.91
		9/7/2018	<0.16	0.22J	0.49J	<0.23	5.4J	2.4J	8.51
		3/7/2019	<0.16	<0.15	0.63JN	<0.23	3.2	0.98J	4.81
		9/19/2019	<0.64	<0.60	<0.60	<0.92	<0.40	<0.27	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	0.92J	1.9	2.82
		9/11/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<1.4	ND
		2/25/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<1.6	ND
0574-3	31-40	3/7/2017	<0.16	1.8	<0.15	<0.23	5.5	<0.22	7.3
		9/13/2017	<0.16	0.26J	<0.15	<0.23	3.7	<0.22	3.96
		3/1/2018	<0.16	0.22J	<0.15	<0.23	6.6	0.60J	7.42
		9/7/2018	<0.16	<0.15	<0.15	<0.23	4.1	0.57J	4.67
		3/7/2019	<0.16	<0.15	<0.15N	<0.23	1.7	<0.66	1.7
		9/19/2019	<0.64	<0.60	<0.60	<0.92	<0.40	<0.27	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	0.69J	0.48J	1.17
		9/11/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		2/25/2021	<0.16	<0.15	<0.15	<0.23	<0.10	<0.50J	ND
0575-1	9-18	3/7/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.90J	0.9
		9/8/2017	<0.16	<0.15	<0.15	<0.23	0.44J	1.1J	1.54
		2/28/2018	<0.16	<0.15	<0.15	<0.23	0.53J	1.2J	1.73
		9/6/2018	<0.16	<0.15	<0.15	<0.23	0.62J	2.0*J	2.62
		3/6/2019	<0.16	<0.15	<0.15N	<0.23	<0.10	<0.66	ND
		9/19/2019	<0.64	<0.60	<0.60	<0.92	<0.40	1.4J	1.4
		3/5/2020	<0.16	<0.15	<0.15	<0.23	1.5	1.4	2.9
		9/11/2020	<0.16	<0.15	<0.15	<0.23	1.9	<1.4	1.9
		2/24/2021	<0.16	<0.15	<0.15	<0.23	2.1	<1.7	2.1
0575-2	20-29	3/7/2017	<0.16	0.19J	<0.15	<0.23	2.3	0.97J	3.46
		9/8/2017	<0.16	0.19J	<0.15	<0.23	2.3	0.60J	3.09
		2/28/2018	<0.16	0.25J	<0.15	<0.23	2.7	0.95J	3.9
		9/6/2018	<0.16	0.26J	<0.15	<0.23	3	1.6J	4.86
		3/6/2019	<0.16	0.48J	<0.15N	<0.23	3.2	<0.66	3.68
		9/19/2019	<0.64	<0.60	<0.60	<0.92	4.1	0.82J	4.92
		3/5/2020	<0.16	0.30J	<0.15	<0.23	5.4	0.75J	6.45
		9/11/2020	<0.16	0.30J	<0.15	<0.23	5.8	<0.79J	6.1
		2/24/2021	<0.16	<0.15	<0.15	<0.23	4.6	<1.1J	4.6

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0576-1	4-13	3/6/2017	<0.16	0.45J	<0.15	<0.23	3.6	51	55.05
		9/12/2017	<0.16	<0.15	<0.15	<0.23	1.1	33	34.1
		3/7/2018	<0.16	1.4	0.38J	<0.23	7.7	31	40.48
		9/7/2018	<0.16	2.7	1.2	0.38J	19	99J	122.28
		3/11/2019	<0.16	2.7	1.6	<0.23	30	100	134.3
		3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	1.5	1.5
		3/1/2021	<0.16	0.32J	0.61J	<0.23	<0.10	48	48.93
0576-2	15-24	3/6/2017	<0.16	7.6	0.66J	1	16J	38J	63.26
		9/12/2017	<0.16	0.72J	0.19J	<0.23	6.1J	38	45.01
		3/7/2018	<0.16	2.6	0.66J	0.35J	14	28	45.61
		9/7/2018	<0.16	3.5	1.7	0.54J	33	59J	97.74
		3/11/2019	<0.32	4.5	2.2	<0.46	48	110	164.7
		3/6/2020	<0.16	4.7	1.3	0.27J	37	80	123.27
		9/11/2020	<0.16	2	1.1	0.23J	24	62	89.33
0576-3	26-35	3/1/2021	<0.16	0.35J	0.72J	<0.23	<0.10	59	60.07
		3/7/2018	<0.16	0.21J	<0.15	<0.23	<0.10	3.3	3.51
		9/7/2018	<0.16	0.29J	<0.15	<0.23	0.36J	7.9J	8.55
		3/11/2019	<0.16	0.25J	<0.15	<0.23	0.62J	5.9	6.77
		3/6/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0577-1	4-13	3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	7.9	7.9
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.30J	0.3
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
0577-2	15-24	3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.44J	0.44
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.24J	0.24
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<4.4	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.51J	0.51
0577-3	26-35	3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.76J	0.76
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	21J	21
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0578-1	4-13	3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.5	1.5
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/6/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/7/2018	<0.16	<0.15	<0.15	<0.23	<0.10	1.1J	1.1
0578-2	15-24	3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		3/6/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.24J	0.24
		3/6/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/7/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.44	ND
		3/11/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
0578-3	26-35	3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		3/6/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/6/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/7/2018	<0.16	<0.15	<0.15	<0.23	<0.10	1.8J	1.8
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.40J	0.4
0579-1	4-13	3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.6	1.6
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
0579-2	15-24	3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<4.4	ND
		3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
0579-3	26-35	3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.40J	0.4
		3/4/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.76J	0.76
		3/11/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
0580-1	9-18	3/5/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
		3/3/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.29J	0.29
		3/7/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/11/2018	<0.16	0.48J	0.19J	<0.23	6.1	35J	41.77
		3/9/2020	<0.16	0.18J	1.6	<0.23	2.4	92	96.18
		9/14/2020	<0.16	<0.15	1.7	<0.23	2.3	91	95
0580-2	20-29	2/24/2021	<0.16	<0.15	0.51J	<0.23	1	29B	30.51
		3/3/2017	<0.16	1.9	3.9	<0.23	22	82	109.8
		9/12/2017	<0.16	2.7	7.5	<0.23	150	150	310.2
		3/7/2018	<0.16	1.9	5.9	<0.23	89	150	246.8
		9/11/2018	<0.16	2.3	5	<0.23	160	130J	297.3
		3/7/2019	<0.16	3.2	6.5N	<0.23	110	160	279.7
		3/9/2020	<0.16	1.1	4.7	<0.23	100	170	275.8
2/24/2021	<0.16	0.72J	4.7	<0.23	52	160	217.42		

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0580-3	31–40	3/3/2017	<0.16	16	3.2	<0.23	39	25	83.2
		9/12/2017	<0.16	19	3.7	0.27J	52	50	124.97
		3/7/2018	<0.16	16	3.4	<0.23	40	38	97.4
		9/11/2018	<0.16	13	2.9	0.23J	47	34J	97.13
		3/7/2019	<0.16	19	4.6N	0.67J	53	33	110.27
		9/19/2019	<0.64	15	3.5J	<0.92	40	40J	98.5
		3/9/2020	<0.16	12	3.4	<0.23	45	37	97.4
		2/24/2021	<0.16	9.1	4	<0.23	35	35B	83.1
0581-1	9–18	3/3/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/13/2017	<0.16	<0.15	<0.15	<0.23	1.4	1.6	3
		3/5/2018	<0.16	<0.15	<0.15	<0.23	0.28J	0.37J	0.65
		9/11/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<4.4	ND
		3/8/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/9/2020	<0.16	<0.15	0.34J	<0.23	4.3	15	19.64
		9/10/2020	<0.16	<0.15	0.20J	<0.23	0.18J	<2.5	0.38
		3/1/2021	<0.16	<0.15	0.44J	<0.23	3.9	8.4	12.74
0581-2	20–29	3/3/2017	<0.16	1.5	1	<0.23	26	64	92.5
		9/13/2017	<0.16	4.7	3.7	<0.23	86	160	254.4
		3/5/2018	<0.16	6.3	4.5	<0.23	76	270	356.8
		9/11/2018	<0.16	2.8	2.1	<0.23	48	75J	127.9
		3/8/2019	<0.16	2.5	2.8	<0.23	54	84	143.3
		9/20/2019	<0.64	6	5	<0.92	150	180	341
		3/9/2020	<0.16	1.9	5.4	<0.23	120	150	277.3
		9/10/2020	<0.16	0.45J	4.4	<0.23	49	140	193.85
3/1/2021	<0.16	1	5.8	<0.23	54	130	190.8		
0581-3	31–40	3/3/2017	<0.16	0.39J	<0.15	<0.23	1.1	2.5	3.99
		9/13/2017	<0.16	0.28J	<0.15	<0.23	2.1	2.3	4.68
		3/5/2018	<0.16	0.74J	<0.15	<0.23	2.5	3.6	6.84
		9/11/2018	<0.16	1.3	0.21J	<0.23	4.7	7.3J	13.51
		3/8/2019	<0.16	0.61J	<0.15	<0.23	2.5	4.3	7.41
		9/20/2019	<0.16	0.72J	<0.15	<0.23	2.2	6.1J	9.02
		3/9/2020	<0.16	0.27J	<0.15	<0.23	3.8	5.5	9.57
		9/10/2020	<0.16	0.41J	<0.15	<0.23	2.1	7.3	9.81
3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	7.2	7.2		
0582-1	9–18	3/3/2017	<0.16	<0.15	<0.15	<0.23	1.1	0.30J	1.4
		9/14/2017	<0.16	5.8	1.2	<0.23	42	21	70
		3/5/2018	<0.16	0.26J	0.15J	<0.23	1.8	1.1J	3.31
		9/11/2018	<0.16	<0.15	<0.15	<0.23	1.5	0.51J	2.01
		3/7/2019	<0.16	<0.15	0.63JN	<0.23	4.3	3.6	8.53
		9/20/2019	<0.16	<0.15	<0.15	<0.23	0.24J	<0.27	0.24
		3/9/2020	<0.16	<0.15	2.2	<0.23	15	19	36.2
		3/1/2021	<0.16	<0.15	2	<0.23	<0.10	11	13
0582-2	20–29	3/3/2017	<0.16	6.4	7	<0.23	170	140J	323.4
		9/14/2017	<0.16	9	9.8	<0.23	120J	98J	236.8
		3/5/2018	<0.16	0.41J	7.7	<0.23	47	47J	102.11
		9/11/2018	<0.16	0.32J	6.7	<0.23	39	35J	81.02
		3/7/2019	<0.16	0.37J	12	<0.23	70	56	138.37
		3/9/2020	<0.16	<0.15	3.4	<0.23	34	36	73.4
		3/2/2021	<0.16	1.3	4.3	<0.23	39	42	86.6
		3/3/2017	<0.16	1.4	0.66J	<0.23	15	13	30.06
0582-3	31–40	9/14/2017	<0.16	0.40J	0.32J	<0.23	6.2J	6.9	13.82
		3/5/2018	<0.16	0.41J	0.40J	<0.23	2.5	18	21.31
		9/11/2018	<0.16	<0.15	0.26J	<0.23	1.1	20J	21.36
		3/7/2019	<0.16	<0.15	0.35J	<0.23	1.1	25	26.45
		9/20/2019	<0.16	<0.15	<0.15	<0.23	0.56J	1.9J	2.46
		3/9/2020	<0.16	<0.15	<0.15	<0.23	<0.10	15	15
		9/14/2020	<0.16	<0.15	<0.15	<0.23	0.85J	6.1	6.95
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	16	16
0583-1	9–18	3/2/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/8/2017	<0.16	<0.15	<0.15	<0.23	0.81J	<0.22	0.81
		3/2/2018	<0.16	<0.15	<0.15	<0.23	1.8	0.34J	2.14
		9/7/2018	<0.16	<0.15	<0.15	<0.23	0.47J	0.59J	1.06
		3/7/2019	<0.16	<0.15	<0.15	<0.23	0.23J	<0.66	0.23
		3/9/2020	<0.16	1.8	0.56J	<0.23	2.7	1.0J	6.06
		3/2/2021	<0.16	0.85J	<0.15	<0.23	<0.10	0.47J	1.32
		3/2/2017	<0.16	0.24J	0.39J	<0.23	9.9	2.6	13.13
0583-2	20–29	9/8/2017	<0.16	1.9	1.7	<0.23	11	4.1	18.7
		3/2/2018	<0.16	2.7	1.9	<0.23	7.5	3.8	15.9
		9/10/2018	<0.16	4.8	2.7	<0.23	15	9.5J	32
		3/7/2019	<0.16	3.9	1.9	<0.23	12	3	20.8
		3/9/2020	<0.16	4.6	1.5	<0.23	10	5.9	22
		9/14/2020	<0.16	5.3	1.7	<0.23	11	5.9	23.9
		3/2/2021	<0.16	6.8	2.4	<0.23	<0.10	5.7	14.9
		3/2/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.41J	0.41
0583-3	31–40	9/8/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/2/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.35J	0.35
		9/10/2018	<0.16	0.35J	<0.15	<0.23	0.88J	0.88J	2.11
		3/7/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/4/2017	<0.16	2.8	<0.15	<0.23	10	3.3	16.1
		9/9/2017	<0.16	<0.15	<0.15	<0.23	1.3	1.8	3.1
		3/3/2018	<0.16	<0.15	<0.15	<0.23	1.5	2.1	3.6
		9/8/2018	<0.16	0.65J	<0.15	<0.23	2.2	22J	24.85
0584-1	9–18	3/9/2019	<0.16	0.89J	<0.17J	0.23J	2.6	<0.66	3.72
		9/20/2019	<0.16	<0.15	<0.15	<0.23	1.3	1.2J	2.5
		3/6/2020	<0.16	<0.15	<0.15	<0.23	0.78J	1.3J	2.08
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.1J	1.1

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0584-2	20–29	3/4/2017	<0.32	560	5.7	14	390	1.2J	970.9
		9/9/2017	<0.32	540	8.1	16	410	1.7	975.8
		3/3/2018	<0.80	2000	15	70J	590	3.3J	2678.3
		9/8/2018	<3.2	3600	20	130	860	3.3J	4613.3
		3/9/2019	<16	4700	26J	160J	1000	5.1	5891.1
		9/20/2019	<3.2	1500	11J	62	660	2.9J	2235.9
		3/10/2020	<0.16	22J	5.4	1.1	130J	1.7	160.2
		9/15/2020	<0.16	0.29J	0.36J	<0.23	1.7	<0.85J	2.35
		3/2/2021	<0.16	0.44J	<0.15	<0.23	<0.10	0.80J	1.24
0584-3	31–40	3/3/2018	<0.16	0.25J	<0.15	<0.23	<0.10	2.6	2.85
		9/8/2018	<0.16	0.84J	<0.15	<0.23	0.66J	4.0J	5.5
		3/9/2019	<0.16	1.1	<0.15	<0.23	<0.10	1.6J	2.7
		3/10/2020	<0.16	<0.15	<0.15	<0.23	<0.10	2.3	2.3
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	2.6	2.6
0585-1	9–18	3/4/2017	0.64J	1.7	4.9	<0.23	21	6.6	34.84
		9/9/2017	2	46	1.1	2.4	25	5.8	82.3
		3/3/2018	<0.16	<0.15	0.26J	<0.23	1.1	6.6	7.96
		9/8/2018	<0.16	0.22J	0.32J	<0.23	3.7	6.5J	10.74
		3/9/2019	0.56J	5.7	<0.21J	0.38J	6.7	4	17.34
		9/20/2019	<0.16	<0.15	<0.15	<0.23	3.6	3.3J	6.9
		3/10/2020	<0.16	7.2	3.6	0.89J	180	2.9	194.59
		9/15/2020	<0.16	<0.15	1.8	<0.23	25	<2.5	26.8
		3/3/2021	<0.16	<0.15	1.4	<0.23	11	1.5	13.9
0585-2	20–29	3/4/2017	440J	4500J	60	190	3200J	<4.4	8390
		9/9/2017	430	5200J	63	290	1900	2.0J	7885
		3/3/2018	1600	9000	73	530	2300	9.5J	13512.5
		9/8/2018	2200	7800	61	460	1500	8.5J	12029.5
		3/9/2019	1400	8000	150	460	2100	<0.66	12110
		9/20/2019	1700	6800	54J	430	2100	9.1J	11093.1
		3/10/2020	<6.4	4200	46	130	3200	10	7586
		9/15/2020	0.60J	160	28	3.2	380	14	585.8
		3/3/2021	<0.16	36	9	<0.23	110	5	160
0585-3	31–40	3/4/2017	3.1	3.7	1.3	<0.23	2.9	<0.22	11
		9/9/2017	<0.16	0.75J	0.89J	<0.23	0.81J	<4.4	2.45
		3/3/2018	0.94J	1	1.1	<0.23	0.84J	3.7	7.58
		9/8/2018	2.7	2.1	1.2	0.25J	1.2	4.1J	11.55
		3/9/2019	2	7.4	1.2	<0.23	1.3	3.2	15.1
0586-1	8–17	3/6/2017	<0.16	0.24J	<0.15	<0.23	<0.10	0.24J	0.48
		3/7/2018	<0.16	0.21J	<0.15	<0.23	0.67J	<0.22	0.88
		9/10/2018	<0.16	0.27J	<0.15	<0.23	1.2	0.41J	1.88
		3/8/2019	<0.16	<0.15	<0.15	<0.23	0.64J	<0.66S	0.64
		3/11/2020	<0.16	0.53J	0.29J	<0.23	2.8	0.63J	4.25
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.91J	0.91
0586-2	19–28	3/6/2017	<0.16	3.2	<0.15	<0.23	4.1	0.27J	7.57
		9/14/2017	<0.16	0.99J	<0.15	<0.23	6.1	1.2J	8.29
		3/7/2018	<0.16	0.73J	<0.15	<0.23	8.6	0.61J	9.94
		9/10/2018	<0.16	1.8	0.25J	<0.23	11	<0.22	13.05
		3/8/2019	<0.16	<0.15	<0.36J	<0.23	<0.10	<0.66	ND
		3/11/2020	<0.16	57	2.1	2.1	82	2.3	145.5
		9/15/2020	<0.16	6.5	0.44J	<0.23	27	<3.0	33.94
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	3.7	3.7
0586-3	30–39	3/9/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.5	1.5
0587-1	9–18	3/6/2017	<0.16	<0.15	<0.15	<0.23	0.22J	<0.22	0.22
		9/14/2017	<0.16	<0.15	0.17J	<0.23	<0.10	0.29J	0.46
		3/7/2018	<0.16	<0.15	0.23J	<0.23	0.17J	0.47J	0.87
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	1.3J	1.3
		3/8/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/11/2020	<0.16	<0.15	<0.15	<0.23	<0.44J	1.0J	1
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.1J	1.1
0587-2	20–29	9/14/2017	0.47J	14	2	<0.23	16	7.3	39.77
		3/7/2018	<0.64	70	8.1	1.1J	540	3.7	622.9
		9/10/2018	<0.16	26	1.2	0.28J	70	13J	110.48
		3/8/2019	<1.6	130	5.4J	2.3J	300	3.9	441.6
		3/11/2020	0.27J	16	1.1	0.50J	24	3.4	45.27
		9/15/2020	<0.16	3.4	0.41J	<0.23	<0.10	<3.3	3.81
3/2/2021	<0.16	3	0.26J	<0.23	<0.10	3.2	6.46		
0587-3	31–40	3/6/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/8/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
0588-1	9–18	3/6/2017	<0.16	0.41J	<0.15	<0.23	0.43J	<0.22	0.84
		9/13/2017	<0.16	0.25J	<0.15	<0.23	0.68J	<0.22	0.93
		3/7/2018	<0.16	<0.15	<0.15	<0.23	0.69J	<0.22	0.69
		9/10/2018	<0.16	<0.15	<0.15	<0.23	0.42J	0.27J	0.69
		3/8/2019	<0.16	<0.15	<0.15	<0.23	0.51J	<0.66	0.51
		3/11/2020	<0.16	0.30J	<0.15	<0.23	1.3	<0.27	1.6
3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	1.9	1.9		
0588-2	20–29	3/6/2017	<0.16	16	0.18J	<0.23	16	2.3	34.48
		9/13/2017	<0.16	1.1	0.67J	<0.23	4.8	3.1	9.67
		3/7/2018	<0.16	<0.15	<0.15	<0.23	2.2	4.8	7
		9/10/2018	<0.16	0.52J	<0.15	<0.23	0.69J	18J	19.21
		3/8/2019	<0.16	0.58J	<0.15	<0.23	0.88J	2.1	3.56
		9/20/2019	<0.16	0.34J	<0.15	<0.23	1.3	2.5J	4.14
		3/11/2020	<0.16	2.4	0.16J	<0.23	12	3	17.56
3/2/2021	<0.16	0.92J	<0.15	<0.23	<0.10	3.6	4.52		

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
0588-3	31-40	3/6/2017	<0.16	0.27J	<0.15	<0.23	0.70J	<0.22	0.97
		9/13/2017	<0.16	0.15J	<0.15	<0.23	1.1	0.43J	1.68
		3/7/2018	<0.16	<0.15	<0.15	<0.23	0.66J	0.44J	1.1
		9/10/2018	<0.16	<0.15	<0.15	<0.23	0.48J	0.31J	0.79
		3/8/2019	<0.16	<0.15	<0.15	<0.23	0.46J	<0.66	0.46
		3/11/2020	<0.16	0.15J	<0.15	<0.23	0.82J	0.52J	1.49
		3/2/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.79J	0.79
S30B	5-15	9/19/2017	8.8	67	8.9	0.66J	77	<2.2	162.36
		3/2/2018	9.8	41	7.1	0.51J	37	<0.22	95.41
		9/7/2018	5	44	5.9	0.54J	77	<0.22	132.44
		3/8/2019	4.2	44	7.2	0.58J	81	<0.66	136.98
		3/6/2020	2.3	16	3	<0.23	45	<0.27	66.3
S33C	11-21	9/19/2017	20	200	15	6	59	<0.22	300
		3/2/2018	130	730	62	30	100	<0.22	1052
		9/7/2018	65	370	27	13	78	0.86J	553.86
		3/8/2019	230	1200	90	30	110	<0.66	1660
		3/6/2020	100	880	71	27	180	0.27J	1258.27
S35B	5-5	9/19/2017	95000	68000	5900	830	18000	<220	187730
		3/2/2018	16000	17000	1800	290	4600	<22	39690
		9/7/2018	54000	46000	4500	840	7800	<22	113140
		3/8/2019	31000	28000	2700	350	5200	<0.66	67250
		3/6/2020	25000	31000	2600	450	14000	<5.3	73050
S67B	10-19.83	9/19/2017	<0.16	10	3.4	<0.23	320	74	407.4
		3/2/2018	<0.16	8.2	3.3	<0.23	150	71	232.5
		9/7/2018	<0.16	8.1	3	<0.23	170	75J	256.1
		3/8/2019	<0.64	8.4	3.4J	<0.92	150	55	216.8
		3/6/2020	1.5	9	3	<0.23	230	60	303.5
S67C	20-29.83	9/19/2017	<0.16	0.20J	2.5	<0.23	42	30	74.7
		3/2/2018	<0.16	0.29J	7.5	<0.23	29	1.9J	38.69
		9/7/2018	<0.16	7	9.4	<0.23	140	63J	219.4
		3/8/2019	<0.64	16	11	<0.92	130	56	213
		3/6/2020	0.45J	0.63J	0.97J	<0.23	110	52	164.05
S67D	30-39.83	9/19/2017	<0.16	0.93J	1.5	<0.23	8.6	2.1	13.13
		3/2/2018	<0.16	1.6	2	<0.23	8.8	3.1	15.5
		9/7/2018	<0.16	1.6	2	<0.23	8.2	6.7J	18.5
		3/8/2019	<0.16	0.40J	<0.76J	<0.23	2.6	1.6	4.6
S68B	10-20	3/3/2017	<0.16	<0.15	<0.15	<0.23	0.22J	<0.22	0.22
		9/13/2017	<0.16	0.23J	<0.15	<0.23	0.62J	<0.22	0.85
		3/2/2018	<0.16	0.36J	<0.15	<0.23	0.52J	<0.22	0.88
		9/11/2018	<0.16	<0.15	<0.15	<0.23	0.32J	0.62J	0.94
		3/8/2019	<0.16	<0.15	<0.15	<0.23	0.32J	<0.66	0.32
		3/11/2020	<0.16	0.26J	<0.15	<0.23	0.33J	<0.27	0.59
		3/3/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.37J	0.37
S68C	18-28	3/3/2017	<0.16	13	0.18J	<0.23	9.5	2.8	25.48
		9/13/2017	<0.16	18	0.23J	<0.23	16	2.6	36.83
		3/2/2018	<0.16	15	0.34J	<0.23	13	3.4	31.74
		9/11/2018	<0.16	9.8J	<0.15	<0.23	11J	3.1J	23.9
		3/8/2019	<0.16	5.7	<0.20J	<0.23	7.5J	0.85J	14.05
		9/20/2019	<0.16	0.88J	0.17J	<0.23	2.8	5.6J	9.45
		3/11/2020	<0.16	0.70J	<0.15	<0.23	2	3.3	6
S68D	30-40	3/3/2017	<0.16	31	0.47J	<0.23	32	1.3	64.77
		9/11/2018	<0.16	6.9	<0.15	<0.23	3.5	1.2J	11.6
S69B	10-20	3/3/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/13/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/5/2018	<0.16	<0.15	<0.15	<0.23	<0.10	0.28J	0.28
		9/10/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/10/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND
S69C	20-30	3/3/2017	<0.16	0.64J	0.19J	<0.23	0.29J	1.7	2.82
		9/13/2017	<0.16	0.38J	<0.15	<0.23	<0.10	0.51J	0.89
		3/5/2018	<0.16	0.67J	0.18J	<0.23	0.44J	1.8J	3.09
		9/10/2018	<0.16	0.24J	<0.15	<0.23	0.17J	1.4J	1.81
		3/7/2019	<0.16	0.30J	<0.15	<0.23	0.12J	<0.66	0.42
		3/10/2020	<0.16	0.89J	0.22J	<0.23	0.89J	2.8	4.8
		2/25/2021	<0.16	0.16J	<0.15	<0.23	0.54J	1.4	2.1
S69D	30-40	3/6/2017	<0.16	0.33J	<0.15	<0.23	0.33J	<0.22	0.66
		9/13/2017	<0.16	0.51J	<0.15	<0.23	0.62J	<0.22	1.13
		3/5/2018	<0.16	0.41J	<0.15	<0.23	0.43J	0.28J	1.12
		9/10/2018	<0.16	0.27J	<0.15	<0.23	0.47J	13J	13.74
		3/7/2019	<0.16	0.68J	<0.15	<0.23	0.68J	<0.66	1.36
		3/10/2020	<0.16	0.31J	<0.15	<0.23	<0.10	0.43J	0.74
		2/25/2021	<0.16	<0.15	<0.15	<0.23	0.62J	0.47J	1.09
S70B	10-20	3/6/2017	<0.16	12	0.46J	<0.23	4.1	0.22J	16.78
		9/12/2017	<0.16	13	0.51J	<0.23	4.2	0.55J	18.26
		3/5/2018	<0.16	11	0.36J	<0.23	3	0.43J	14.79
		9/10/2018	<0.16	7.4	0.29J	<0.23	2.5	0.92J	11.11
		3/7/2019	<0.16	11	0.44J	<0.23	3.2	<0.66	14.64
		3/9/2020	<0.16	2.4	0.25J	<0.23	6	15	23.65
		2/26/2021	<0.16	0.86J	<0.15	<0.23	5.4	19B	25.26

Table 5. COPCs Concentrations at the Building 100 Area Since 2017 (µg/L)^{a,b} (continued)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^c
Cleanup Target Level ^d			30	700	1000	70	10	32	
S70C	20–30	3/6/2017	<0.16	5.2	1.5	<0.23	5.4	23	35.1
		9/12/2017	<0.16	3.2	0.91J	<0.23	5	<0.22	9.11
		3/5/2018	<0.16	1.9	0.60J	<0.23	4.9	17	24.4
		9/10/2018	<0.16	0.67J	0.24J	<0.23	4.3	48J	53.21
		3/7/2019	<0.16	1	0.45J	<0.23	3.8	19	24.25
		3/9/2020	<0.16	<0.15	<0.15	<0.23	1.8	25	26.8
		9/14/2020	<0.16	<0.15	<0.15	<0.23	<0.10	25	25
		2/26/2021	<0.16	<0.15	<0.15	<0.23	1.8	24B	25.8
S70D	30–40	3/6/2017	<0.16	13	5.1	0.35J	12	20	50.45
		9/12/2017	<0.16	12	4.5	0.28J	10	28	54.78
		3/5/2018	<0.16	11	4.1	0.26J	8.9	18	42.26
		9/10/2018	<0.16	8	2.8	0.23J	8.2	19J	38.23
		3/7/2019	<0.16	8	2.9	<0.23	5.8	19	35.7
		9/19/2019	<0.64	9.3	3.4J	<0.92	8	25J	45.7
		3/9/2020	<0.16	9	3.5	<0.23	12	23	47.5
		2/26/2021	<0.16	9	3.1	<0.23	12	24B	48.1
S71B	10–20	3/3/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/12/2017	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		3/6/2018	<0.16	<0.15	<0.15	<0.23	<0.10	<0.22	ND
		9/11/2018	<0.16	0.21J	<0.15	<0.23	0.35J	0.86J	1.42
		3/7/2019	<0.16	<0.15	<0.15	<0.23	<0.10	<0.66	ND
		3/9/2020	<0.16	0.80J	0.32J	<0.23	2	2.9	6.02
		2/25/2021	<0.16	0.27J	<0.15	<0.23	2.6	6.7	9.57
S71C	20–30	3/3/2017	<0.16	7.8	6.3	<0.23	29	27	70.1
		9/12/2017	<0.16	2.9	2.8	<0.23	25	22	52.7
		3/6/2018	<0.16	1.3	1.7	<0.23	15	16	34
		9/11/2018	<0.16	3.1	4.4	<0.23	30	22J	59.5
		3/7/2019	<0.16	0.85J	1.6	<0.23	17	26	45.45
		3/9/2020	<0.16	<0.15	0.41J	<0.23	6.6	34	41.01
		2/25/2021	<0.16	<0.15	<0.15	<0.23	4.2	36B	40.2
S71D	30–40	3/3/2017	<0.16	6.7	3.4	<0.23	25	9.6	44.7
		9/12/2017	<0.16	4.1	3.5	<0.23	36	14	57.6
		3/7/2018	<0.16	2.2	1.8	<0.23	22	10	36
		9/11/2018	<0.16	0.88J	1.5	<0.23	25	16J	43.38
		3/7/2019	<0.16	<0.15	0.37J	<0.23	13	7.7	21.07
		9/19/2019	<0.64	<0.60	<0.60	<0.92	12	9.8J	21.8
		3/9/2020	<0.16	<0.15	<0.15	<0.23	6.8	5.8	12.6
		9/14/2020	<0.16	<0.15	<0.15	<0.23	6.4	7.0J	13.4
2/24/2021	<0.16	<0.15	<0.15	<0.23	6.3	6.4	12.7		
S73B	10–20	3/1/2017	<0.16	<0.15	<0.15	<0.23	0.42J	<0.22	0.42
		9/14/2017	<0.16	<0.15	<0.15	<0.23	0.26J	2	2.26
		3/2/2018	<0.16	<0.15	<0.15	<0.23	0.59J	<0.22	0.59
		9/7/2018	<0.16	<0.15	<0.15	<0.23	0.55J	0.78J	1.33
		3/9/2019	0.26J	2.1	<0.15	<0.23	0.75J	<0.66	3.11
		3/10/2020	<0.16	<0.15	<0.15	<0.23	1.7	<0.27	1.7
		3/1/2021	<0.16	<0.15	<0.15	<0.23	<0.10	0.44J	0.44
S73C	20–30	3/2/2017	<0.16	0.38J	7.7	<0.23	50	35	93.08
		9/14/2017	<0.16	0.20J	3.3	<0.23	17	16J	36.5
		3/5/2018	<0.16	<0.15	2.1	<0.23	11	5.7	18.8
		9/7/2018	<0.16	<0.15	0.58J	<0.23	6.4	7.1J	14.08
		3/9/2019	<0.16	<0.15	<0.36J	<0.23	4.4	5.4	9.8
		9/19/2019	<0.64	<0.60	<0.60	<0.92	2.4J	5.0J	7.4
		3/10/2020	<0.16	<0.15	0.35J	<0.23	5.1	5.7	11.15
		9/14/2020	<0.16	<0.15	0.27J	<0.23	6.7	6.1	13.07
3/1/2021	<0.16	<0.15	0.59J	<0.23	<0.10	6.5	7.09		
S73D	30–40	3/2/2017	<0.16	<0.15	<0.15	<0.23	<0.10	0.87J	0.87
		9/14/2017	<0.16	<0.15	<0.15	<0.23	0.14J	0.91J	1.05
		3/2/2018	<0.16	<0.15	0.18J	<0.23	0.43J	1.2J	1.81
		9/7/2018	<0.16	<0.15	0.15J	<0.23	0.65J	8.7J	9.5
TANK1-		7/7/2020	<0.16	<0.15	<0.15	<0.23	<0.10	0.64J	0.64
TANK2-		7/7/2020	<0.16	<0.15	<0.15	<0.23	<0.10	<0.27	ND

Notes:

Values preceded by "<" are below the method detection limit.

^a Micrograms per liter

^b Not all wells were sampled during every sampling event.

^c Some TCOPCs values are rounded.

^d The offsite cleanup target level is a factor of 10 lower than the listed onsite (poor water quality) cleanup target level.

Abbreviations:

* = replicate analysis not within control limits

- = not measured

B = Inorganic: Result is between the instrument detection limit (IDL) and the contract-required detection limit (CRDL). Organic & Radiochemistry: Analyte also found in method blank.

ft = feet

J = estimated value

N = Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).

ND = not detected

S = result determined by method of standard addition (MSA)

Table 6. Building 100 Optimized Groundwater Monitoring Program, September 2020–March 2022

Monitoring Well ID (PIN12-)	Sampling Sept 2020	Sampling March 2021	Sampling Sept 2021	Sampling March 2022
Layer 1 – (Generally screened from 10–20 feet below land surface)				
0541	X	X	X	X
0554A	X	X	X	X
0555A		X		X
0561-1				X
0565-1		X		X
0569-1		X		X
0570-1		X		X
0572-1		X		X
0573-1				X
0574-1	X	X	X	X
0575-1	X	X	X	X
0576-1		X		X
0577-1				X
0578-1				X
0579-1				X
0580-1	X	X	X	X
0581-1	X	X	X	X
0582-1		X		X
0583-1		X		X
0584-1		X		X
0585-1	X	X	X	X
0586-1		X		X
0587-1		X		X
0588-1		X		X
S30B		X	X	X
S35B		X	X	X
S67B		X		X
S68B		X		X
S69B				X
S70B		X		X
S71B		X		X
S73B		X		X
Layer 2 – (Generally screened from 20–30 feet below land surface)				
0542	X	X	X	X
0551-2		X		X
0554B	X	X	X	X
0555B				X
0561-2				X
0565-2				X
0569-2		X		X
0570-2		X		X
0572-2		X		X
0573-2		X		X
0574-2	X	X	X	X

Table 6. Building 100 Optimized Groundwater Monitoring Program, September 2020–March 2022 (continued)

Monitoring Well ID (PIN12-)	Sampling Sept 2020	Sampling March 2021	Sampling Sept 2021	Sampling March 2022
Layer 2 – (Generally screened from 20–30 feet below land surface) (continued)				
0575-2	X	X	X	X
0576-2	X	X	X	X
0577-2		X		X
0578-2				X
0579-2		X		X
0580-2		X		X
0581-2	X	X	X	X
0582-2		X		X
0583-2	X	X	X	X
0584-2	X	X	X	X
0585-2	X	X	X	X
0586-2	X	X	X	X
0587-2	X	X	X	X
0588-2		X		X
Layer 3 – (Generally screened from 30–40 feet below land surface)				
0554C	X	X	X	X
0555C				X
0561-3				X
0565-3		X		X
0569-3		X		X
0570-3		X		X
0573-3		X		X
0574-3	X	X	X	X
0576-3		X		X
0577-3		X		X
0578-3		X		X
0579-3				X
0580-3		X		X
0581-3	X	X	X	X
0582-3	X	X	X	X
0583-3		X		X
0584-3		X		X
0585-3		X		X
0586-3	X	X	X	X
0587-3		X		X
0588-3		X		X
S33C		X	X	X
S67C		X	X	X
S67D		X		X
S68C		X		X
S68D		X		X
S69C		X		X
S69D		X		X

Table 6. Building 100 Optimized Groundwater Monitoring Program, September 2020–March 2022 (continued)

Monitoring Well ID (PIN12-)	Sampling Sept 2020	Sampling March 2021	Sampling Sept 2021	Sampling March 2022
Layer 3 – (Generally screened from 30–40 feet below land surface) (continued)				
S70C	X	X	X	X
S70D		X		X
S71C		X		X
S71D	X	X	X	X
S73C	X	X	X	X

Notes:

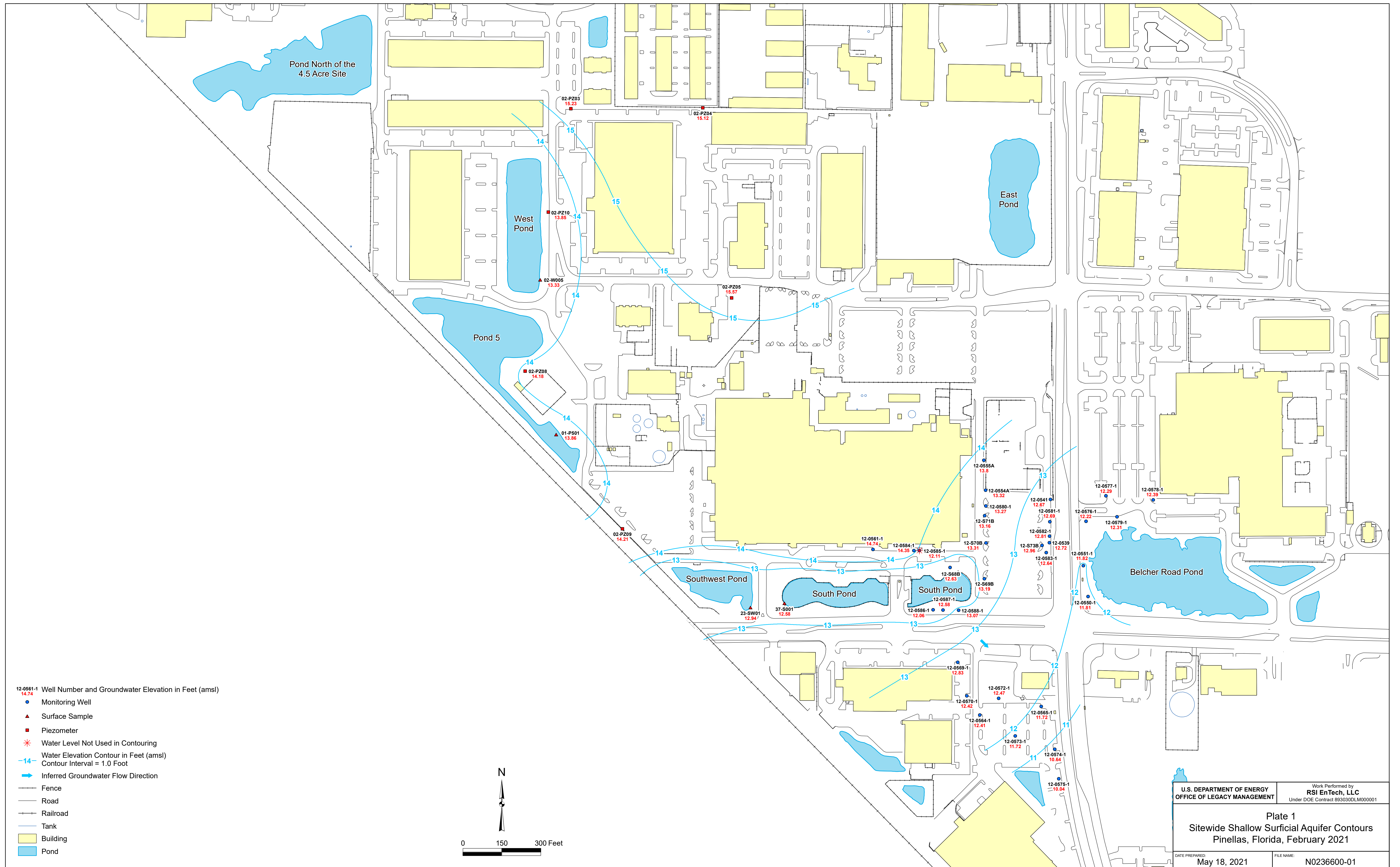
There is no permit-required due date for the annual report, but DOE will submit the annual report to FDEP in August every year.

Sampling will be performed in accordance with FAC 62-160 except at monitoring wells impacted by recent bioinjection activities that prevent the measurement of some field parameters during purging. At these wells, samples will be collected when water level, turbidity, and purge volume criteria are met.

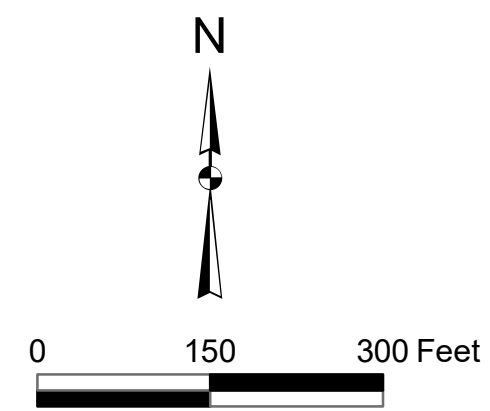
Number of wells sampled each event:

- 26 in September 2020
- 77 in March 2021
- 30 in September 2021
- 90 in March 2022

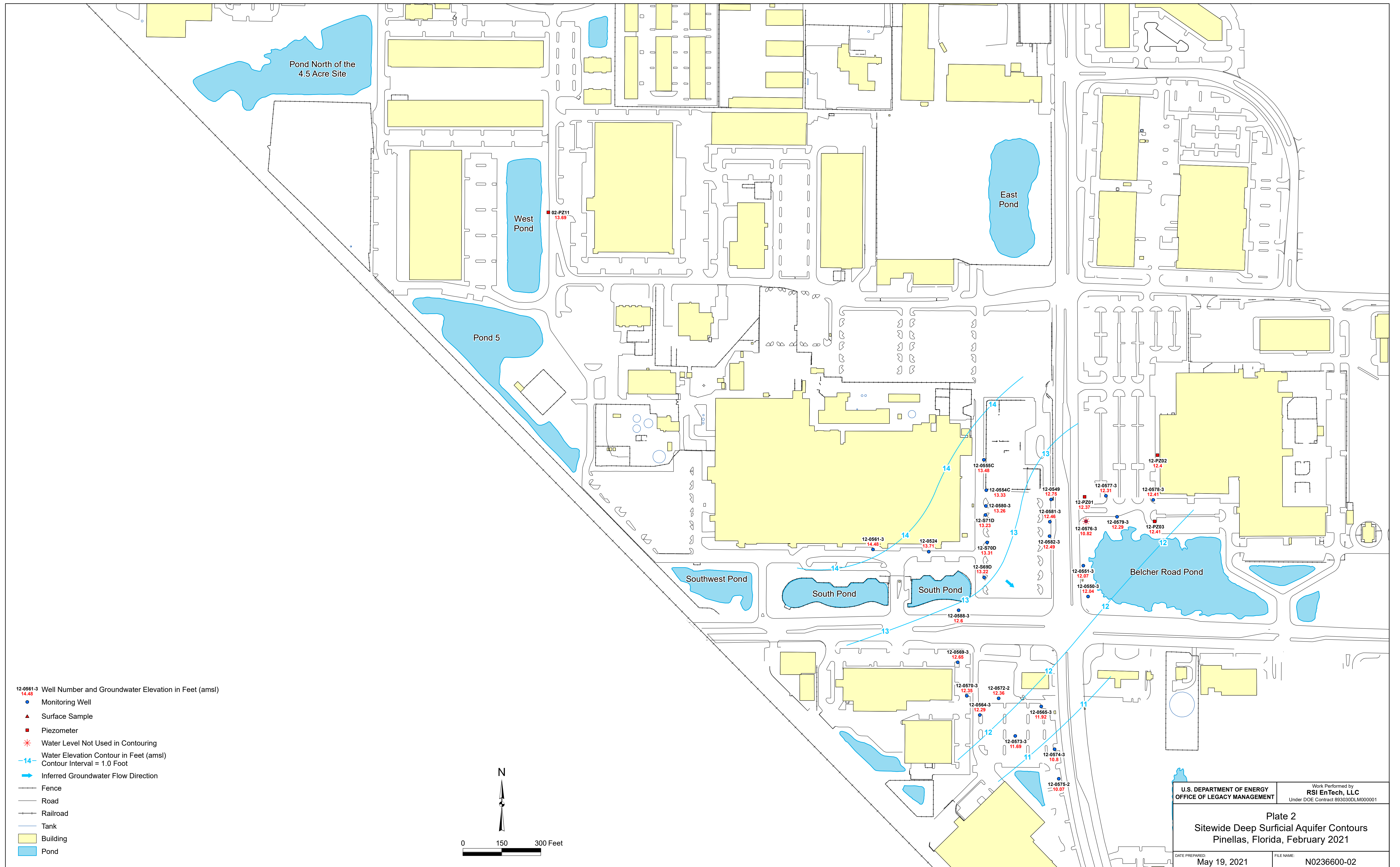
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- 12-0561-1 Well Number and Groundwater Elevation in Feet (amsl)
14.74
- Monitoring Well
- ▲ Surface Sample
- Piezometer
- * Water Level Not Used in Contouring
- 14- Water Elevation Contour in Feet (amsl)
Contour Interval = 1.0 Foot
- ➔ Inferred Groundwater Flow Direction
- Fence
- Road
- Railroad
- Tank
- Building
- Pond



U.S. DEPARTMENT OF ENERGY OFFICE OF LEGACY MANAGEMENT	Work Performed by RSI EnTech, LLC <small>Under DOE Contract 893030DLM000001</small>
Plate 1 Sitewide Shallow Surficial Aquifer Contours Pinellas, Florida, February 2021	
<small>DATE PREPARED:</small> May 18, 2021	<small>FILE NAME:</small> N0236600-01



Appendix A

Laboratory Reports, February–March 2021 Semiannual Monitoring

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ANALYTICAL REPORT

Job Number: 280-145897-1

SDG Number: PIN12-01.2102006

Job Description: Pinellas Bldg 100 Monitoring

For:

Navarro Research and Engineering, Inc
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Donna R Rydberg
Senior Project Manager
3/10/2021 6:26 AM

Donna R Rydberg, Senior Project Manager
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0192
Donna.Rydberg@Eurofinset.com
03/10/2021

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Denver

4955 Yarrow Street, Arvada, CO 80002

Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Definitions/Glossary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Navarro Research and Engineering, Inc

Project: Pinellas Bldg 100 Monitoring

Report Number: 280-145897-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/2/2021 at 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1° C and 1.6° C.

The sample collection time was not listed on container labels for samples PIN12-01.2102006-052 (280-145897-7) and PIN12-01.2102006-055 (280-145897-10). The sample times were logged per the COC.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): PIN12-01.2102006-058 (280-145897-13). The container labels list a collection time of 16:31, while the COC lists 16:32. The sample was logged per the COC.

Insufficient sample volume was provided to perform an MS/MSD for the 8260B and 8260B SIM analysis.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples PIN12-01.2102006-004 (280-145897-1), PIN12-01.2102006-005 (280-145897-2), PIN12-01.2102006-023 (280-145897-3), PIN12-01.2102006-024 (280-145897-4), PIN12-01.2102006-077 (280-145897-5), PIN12-01.2102006-084 (280-145897-6), PIN12-01.2102006-052 (280-145897-7), PIN12-01.2102006-053 (280-145897-8), PIN12-01.2102006-054 (280-145897-9), PIN12-01.2102006-055 (280-145897-10), PIN12-01.2102006-056 (280-145897-11), PIN12-01.2102006-057 (280-145897-12), PIN12-01.2102006-058 (280-145897-13), PIN12-01.2102006-059 (280-145897-14), PIN12-01.2102006-068 (280-145897-15) and PIN12-01.2102006-076 (280-145897-16) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/03/2021 and 03/04/2021.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-527954.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GC-MS SIM)

Samples PIN12-01.2102006-004 (280-145897-1), PIN12-01.2102006-005 (280-145897-2), PIN12-01.2102006-023 (280-145897-3), PIN12-01.2102006-024 (280-145897-4), PIN12-01.2102006-077 (280-145897-5), PIN12-01.2102006-084 (280-145897-6), PIN12-01.2102006-052 (280-145897-7), PIN12-01.2102006-053 (280-145897-8), PIN12-01.2102006-054 (280-145897-9), PIN12-01.2102006-055 (280-145897-10), PIN12-01.2102006-056 (280-145897-11), PIN12-01.2102006-057 (280-145897-12), PIN12-01.2102006-058 (280-145897-13), PIN12-01.2102006-059 (280-145897-14), PIN12-01.2102006-068 (280-145897-15) and PIN12-01.2102006-076 (280-145897-16) were analyzed for volatile organic compounds (GC-MS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 03/05/2021 and 03/09/2021.

The method blank for analytical batch 280-528177 contained 1,4-Dioxane above the method detection limit (MDL) but less than the reporting limit (RL). The value should be considered an estimate, and has been flagged "J". Associated samples were not re-analyzed because results were greater than 10X the value found in the method blank. The following samples are affected: PIN12-01.2102006-004 (280-145897-1), PIN12-01.2102006-005 (280-145897-2), PIN12-01.2102006-024 (280-145897-4), PIN12-01.2102006-084 (280-145897-6), PIN12-01.2102006-054 (280-145897-9), PIN12-01.2102006-055 (280-145897-10), PIN12-01.2102006-056 (280-145897-11), PIN12-01.2102006-058 (280-145897-13) and PIN12-01.2102006-076 (280-145897-16)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-528177.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch

280-528500.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-004

Lab Sample ID: 280-145897-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	35	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Chloroethane	0.93	J	1.0	0.41	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	17		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.3		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.1		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	15		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-005

Lab Sample ID: 280-145897-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	91	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	63		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.9		1.0	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.65	J	1.0	0.23	ug/L	1		8260B	Total/NA
Vinyl chloride	73		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-023

Lab Sample ID: 280-145897-3

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	160		1.4	2.7	ug/L	10		8260B SIM	Total/NA
1,1-Dichloroethane	5.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.72	J	1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.7		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	52		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-024

Lab Sample ID: 280-145897-4

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	35	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	3.4		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	9.1		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.0		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	35		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-077

Lab Sample ID: 280-145897-5

No Detections.

Client Sample ID: PIN12-01.2102006-084

Lab Sample ID: 280-145897-6

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	29	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	0.45	J	1.0	0.22	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.51	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	1.0		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-052

Lab Sample ID: 280-145897-7

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.4		1.4	0.27	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	0.16	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	0.54	J	1.0	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-053

Lab Sample ID: 280-145897-8

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.47	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	0.62	J	1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-054

Lab Sample ID: 280-145897-9

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	19	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	0.44	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.86	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	5.4		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-055

Lab Sample ID: 280-145897-10

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	24	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	1.8		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-056

Lab Sample ID: 280-145897-11

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	24	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	3.2		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	9.0		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.1		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	12		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-057

Lab Sample ID: 280-145897-12

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.7		1.4	0.27	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	0.27	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	2.6		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-058

Lab Sample ID: 280-145897-13

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	36	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	0.50	J	1.0	0.22	ug/L	1		8260B	Total/NA
Vinyl chloride	4.2		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-059

Lab Sample ID: 280-145897-14

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.4		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	0.43	J	1.0	0.22	ug/L	1		8260B	Total/NA
Vinyl chloride	6.3		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-068

Lab Sample ID: 280-145897-15

No Detections.

Client Sample ID: PIN12-01.2102006-076

Lab Sample ID: 280-145897-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	32	B	1.4	0.27	ug/L	1		8260B SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-076 (Continued)

Lab Sample ID: 280-145897-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	0.72	J	1.0	0.41	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.22	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.35	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	2.1		1.0	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-004
Date Collected: 02/25/21 10:37
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	35	B	1.4	0.27	ug/L			03/05/21 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127					03/05/21 17:53	1

Client Sample ID: PIN12-01.2102006-005
Date Collected: 02/25/21 09:34
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	91	B	1.4	0.27	ug/L			03/05/21 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/05/21 18:15	1

Client Sample ID: PIN12-01.2102006-023
Date Collected: 02/24/21 14:20
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	160		14	2.7	ug/L			03/09/21 01:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/09/21 01:23	10

Client Sample ID: PIN12-01.2102006-024
Date Collected: 02/24/21 14:56
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	35	B	1.4	0.27	ug/L			03/05/21 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/05/21 19:22	1

Client Sample ID: PIN12-01.2102006-077
Date Collected: 02/24/21 11:45
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-5
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.27	U	1.4	0.27	ug/L			03/09/21 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/09/21 01:45	1

Client Sample ID: PIN12-01.2102006-084
Date Collected: 02/24/21 13:31
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-6
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	29	B	1.4	0.27	ug/L			03/05/21 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/05/21 19:44	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-052

Date Collected: 02/25/21 14:03

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.4		1.4	0.27	ug/L			03/09/21 02:07	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	105		70 - 127						
Prepared	Analyzed	Dil Fac							
	03/09/21 02:07	1							

Client Sample ID: PIN12-01.2102006-053

Date Collected: 02/25/21 14:38

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.47	J	1.4	0.27	ug/L			03/09/21 02:29	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	103		70 - 127						
Prepared	Analyzed	Dil Fac							
	03/09/21 02:29	1							

Client Sample ID: PIN12-01.2102006-054

Date Collected: 02/26/21 13:41

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	19	B	1.4	0.27	ug/L			03/05/21 20:50	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	103		70 - 127						
Prepared	Analyzed	Dil Fac							
	03/05/21 20:50	1							

Client Sample ID: PIN12-01.2102006-055

Date Collected: 02/26/21 14:19

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-10

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	24	B	1.4	0.27	ug/L			03/05/21 21:12	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	103		70 - 127						
Prepared	Analyzed	Dil Fac							
	03/05/21 21:12	1							

Client Sample ID: PIN12-01.2102006-056

Date Collected: 02/26/21 15:05

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-11

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	24	B	1.4	0.27	ug/L			03/05/21 21:34	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	103		70 - 127						
Prepared	Analyzed	Dil Fac							
	03/05/21 21:34	1							

Client Sample ID: PIN12-01.2102006-057

Date Collected: 02/24/21 15:50

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.7		1.4	0.27	ug/L			03/09/21 02:51	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	104		70 - 127						
Prepared	Analyzed	Dil Fac							
	03/09/21 02:51	1							

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-058
Date Collected: 02/24/21 16:32
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-13
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	36	B	1.4	0.27	ug/L			03/05/21 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/05/21 22:18	1

Client Sample ID: PIN12-01.2102006-059
Date Collected: 02/24/21 16:03
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-14
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.4		1.4	0.27	ug/L			03/09/21 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/09/21 03:13	1

Client Sample ID: PIN12-01.2102006-068
Date Collected: 02/24/21 09:45
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-15
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.27	U	1.4	0.27	ug/L			03/09/21 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/09/21 03:35	1

Client Sample ID: PIN12-01.2102006-076
Date Collected: 02/25/21 11:06
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-16
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	32	B	1.4	0.27	ug/L			03/05/21 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/05/21 23:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-004
Date Collected: 02/25/21 10:37
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 21:22	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 21:22	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 21:22	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 21:22	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 21:22	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 21:22	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 21:22	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-004

Lab Sample ID: 280-145897-1

Date Collected: 02/25/21 10:37

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
Chloroethane	0.93	J	1.0	0.41	ug/L			03/03/21 21:22	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 21:22	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 21:22	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 21:22	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 21:22	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 21:22	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 21:22	1
1,1-Dichloroethane	17		1.0	0.22	ug/L			03/03/21 21:22	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 21:22	1
cis-1,2-Dichloroethene	2.3		1.0	0.15	ug/L			03/03/21 21:22	1
trans-1,2-Dichloroethene	2.1		1.0	0.15	ug/L			03/03/21 21:22	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 21:22	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 21:22	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 21:22	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 21:22	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 21:22	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 21:22	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 21:22	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 21:22	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 21:22	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 21:22	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 21:22	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 21:22	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 21:22	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 21:22	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 21:22	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 21:22	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 21:22	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 21:22	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 21:22	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 21:22	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 21:22	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 21:22	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 21:22	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 21:22	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:22	1
Vinyl chloride	15		1.0	0.10	ug/L			03/03/21 21:22	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 21:22	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 21:22	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 127		03/03/21 21:22	1
Toluene-d8 (Surr)	101		80 - 125		03/03/21 21:22	1
4-Bromofluorobenzene (Surr)	102		78 - 120		03/03/21 21:22	1
Dibromofluoromethane (Surr)	97		77 - 120		03/03/21 21:22	1

Client Sample ID: PIN12-01.2102006-005

Lab Sample ID: 280-145897-2

Date Collected: 02/25/21 09:34

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 21:46	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 21:46	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 21:46	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 21:46	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 21:46	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 21:46	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 21:46	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 21:46	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 21:46	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 21:46	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 21:46	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 21:46	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 21:46	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 21:46	1
1,1-Dichloroethane	63		1.0	0.22	ug/L			03/03/21 21:46	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 21:46	1
cis-1,2-Dichloroethene	16		1.0	0.15	ug/L			03/03/21 21:46	1
trans-1,2-Dichloroethene	4.9		1.0	0.15	ug/L			03/03/21 21:46	1
1,1-Dichloroethene	0.65	J	1.0	0.23	ug/L			03/03/21 21:46	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 21:46	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 21:46	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 21:46	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 21:46	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 21:46	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 21:46	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 21:46	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 21:46	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 21:46	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 21:46	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-005
Date Collected: 02/25/21 09:34
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 21:46	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 21:46	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 21:46	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 21:46	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 21:46	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 21:46	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 21:46	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 21:46	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 21:46	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 21:46	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 21:46	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 21:46	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 21:46	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 21:46	1
Vinyl chloride	73		1.0	0.10	ug/L			03/03/21 21:46	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 21:46	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 127		03/03/21 21:46	1
Toluene-d8 (Surr)	101		80 - 125		03/03/21 21:46	1
4-Bromofluorobenzene (Surr)	100		78 - 120		03/03/21 21:46	1
Dibromofluoromethane (Surr)	98		77 - 120		03/03/21 21:46	1

Client Sample ID: PIN12-01.2102006-023
Date Collected: 02/24/21 14:20
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 22:09	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 22:09	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 22:09	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:09	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 22:09	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 22:09	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 22:09	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 22:09	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 22:09	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-023

Lab Sample ID: 280-145897-3

Date Collected: 02/24/21 14:20

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 22:09	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 22:09	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 22:09	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 22:09	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 22:09	1
1,1-Dichloroethane	5.1		1.0	0.22	ug/L			03/03/21 22:09	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 22:09	1
cis-1,2-Dichloroethene	0.72	J	1.0	0.15	ug/L			03/03/21 22:09	1
trans-1,2-Dichloroethene	4.7		1.0	0.15	ug/L			03/03/21 22:09	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 22:09	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 22:09	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 22:09	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 22:09	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 22:09	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 22:09	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 22:09	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 22:09	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 22:09	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 22:09	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 22:09	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 22:09	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 22:09	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 22:09	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:09	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:09	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 22:09	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 22:09	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 22:09	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 22:09	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 22:09	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 22:09	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 22:09	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 22:09	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:09	1
Vinyl chloride	52		1.0	0.10	ug/L			03/03/21 22:09	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 22:09	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		70 - 127		03/03/21 22:09	1
<i>Toluene-d8 (Surr)</i>	101		80 - 125		03/03/21 22:09	1
<i>4-Bromofluorobenzene (Surr)</i>	98		78 - 120		03/03/21 22:09	1
<i>Dibromofluoromethane (Surr)</i>	95		77 - 120		03/03/21 22:09	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-024

Date Collected: 02/24/21 14:56

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-4

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 22:32	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 22:32	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 22:32	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:32	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 22:32	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 22:32	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 22:32	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 22:32	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 22:32	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 22:32	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 22:32	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 22:32	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 22:32	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 22:32	1
1,1-Dichloroethane	3.4		1.0	0.22	ug/L			03/03/21 22:32	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 22:32	1
cis-1,2-Dichloroethene	9.1		1.0	0.15	ug/L			03/03/21 22:32	1
trans-1,2-Dichloroethene	4.0		1.0	0.15	ug/L			03/03/21 22:32	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 22:32	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 22:32	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 22:32	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 22:32	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 22:32	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 22:32	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 22:32	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 22:32	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 22:32	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 22:32	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 22:32	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 22:32	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 22:32	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 22:32	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:32	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:32	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-024
Date Collected: 02/24/21 14:56
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 22:32	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 22:32	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 22:32	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 22:32	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 22:32	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 22:32	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 22:32	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 22:32	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:32	1
Vinyl chloride	35		1.0	0.10	ug/L			03/03/21 22:32	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 22:32	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 127		03/03/21 22:32	1
Toluene-d8 (Surr)	102		80 - 125		03/03/21 22:32	1
4-Bromofluorobenzene (Surr)	101		78 - 120		03/03/21 22:32	1
Dibromofluoromethane (Surr)	97		77 - 120		03/03/21 22:32	1

Client Sample ID: PIN12-01.2102006-077
Date Collected: 02/24/21 11:45
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-5
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 22:55	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 22:55	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 22:55	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:55	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 22:55	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 22:55	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 22:55	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 22:55	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 22:55	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 22:55	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 22:55	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 22:55	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 22:55	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-077

Date Collected: 02/24/21 11:45

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-5

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 22:55	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/03/21 22:55	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 22:55	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 22:55	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 22:55	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 22:55	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 22:55	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 22:55	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 22:55	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 22:55	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 22:55	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 22:55	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 22:55	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 22:55	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 22:55	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 22:55	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 22:55	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 22:55	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 22:55	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:55	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 22:55	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 22:55	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 22:55	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 22:55	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 22:55	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 22:55	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 22:55	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 22:55	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 22:55	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 22:55	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/03/21 22:55	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 22:55	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 127		03/03/21 22:55	1
Toluene-d8 (Surr)	101		80 - 125		03/03/21 22:55	1
4-Bromofluorobenzene (Surr)	98		78 - 120		03/03/21 22:55	1
Dibromofluoromethane (Surr)	97		77 - 120		03/03/21 22:55	1

Client Sample ID: PIN12-01.2102006-084

Date Collected: 02/24/21 13:31

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 23:18	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-084

Date Collected: 02/24/21 13:31

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 23:18	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 23:18	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:18	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 23:18	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 23:18	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 23:18	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 23:18	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 23:18	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 23:18	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 23:18	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:18	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 23:18	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 23:18	1
1,1-Dichloroethane	0.45	J	1.0	0.22	ug/L			03/03/21 23:18	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 23:18	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 23:18	1
trans-1,2-Dichloroethene	0.51	J	1.0	0.15	ug/L			03/03/21 23:18	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 23:18	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 23:18	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 23:18	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 23:18	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:18	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:18	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 23:18	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 23:18	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 23:18	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 23:18	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 23:18	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 23:18	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 23:18	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 23:18	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:18	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:18	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 23:18	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-084

Date Collected: 02/24/21 13:31

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:18	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:18	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:18	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 23:18	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 23:18	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 23:18	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:18	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:18	1
Vinyl chloride	1.0		1.0	0.10	ug/L			03/03/21 23:18	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 23:18	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 23:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 127		03/03/21 23:18	1
Toluene-d8 (Surr)	101		80 - 125		03/03/21 23:18	1
4-Bromofluorobenzene (Surr)	100		78 - 120		03/03/21 23:18	1
Dibromofluoromethane (Surr)	97		77 - 120		03/03/21 23:18	1

Client Sample ID: PIN12-01.2102006-052

Date Collected: 02/25/21 14:03

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 23:41	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 23:41	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 23:41	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:41	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 23:41	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 23:41	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 23:41	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 23:41	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 23:41	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 23:41	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 23:41	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:41	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 23:41	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 23:41	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-052

Date Collected: 02/25/21 14:03

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/03/21 23:41	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 23:41	1
cis-1,2-Dichloroethene	0.16	J	1.0	0.15	ug/L			03/03/21 23:41	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 23:41	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 23:41	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 23:41	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 23:41	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 23:41	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:41	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:41	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 23:41	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 23:41	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 23:41	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 23:41	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 23:41	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 23:41	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 23:41	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 23:41	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:41	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:41	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 23:41	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:41	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:41	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:41	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 23:41	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 23:41	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 23:41	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:41	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:41	1
Vinyl chloride	0.54	J	1.0	0.10	ug/L			03/03/21 23:41	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 23:41	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		03/03/21 23:41	1
Toluene-d8 (Surr)	101		80 - 125		03/03/21 23:41	1
4-Bromofluorobenzene (Surr)	99		78 - 120		03/03/21 23:41	1
Dibromofluoromethane (Surr)	96		77 - 120		03/03/21 23:41	1

Client Sample ID: PIN12-01.2102006-053

Date Collected: 02/25/21 14:38

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 00:04	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-053
Date Collected: 02/25/21 14:38
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-8
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 00:04	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 00:04	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:04	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 00:04	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 00:04	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 00:04	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 00:04	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 00:04	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 00:04	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 00:04	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:04	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 00:04	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 00:04	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 00:04	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 00:04	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:04	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:04	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 00:04	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 00:04	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 00:04	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 00:04	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:04	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:04	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 00:04	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 00:04	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 00:04	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 00:04	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 00:04	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 00:04	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 00:04	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 00:04	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:04	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:04	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 00:04	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:04	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-053
Date Collected: 02/25/21 14:38
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-8
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:04	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:04	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 00:04	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 00:04	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 00:04	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:04	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:04	1
Vinyl chloride	0.62	J	1.0	0.10	ug/L			03/04/21 00:04	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 00:04	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 127					03/04/21 00:04	1
Toluene-d8 (Surr)	102		80 - 125					03/04/21 00:04	1
4-Bromofluorobenzene (Surr)	99		78 - 120					03/04/21 00:04	1
Dibromofluoromethane (Surr)	96		77 - 120					03/04/21 00:04	1

Client Sample ID: PIN12-01.2102006-054
Date Collected: 02/26/21 13:41
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-9
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 00:27	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 00:27	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 00:27	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:27	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 00:27	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 00:27	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 00:27	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 00:27	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 00:27	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 00:27	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 00:27	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:27	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 00:27	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 00:27	1
1,1-Dichloroethane	0.44	J	1.0	0.22	ug/L			03/04/21 00:27	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-054
Date Collected: 02/26/21 13:41
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-9
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 00:27	1
cis-1,2-Dichloroethene	0.86	J	1.0	0.15	ug/L			03/04/21 00:27	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:27	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 00:27	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 00:27	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 00:27	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 00:27	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:27	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:27	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 00:27	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 00:27	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 00:27	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 00:27	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 00:27	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 00:27	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 00:27	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 00:27	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:27	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:27	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 00:27	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:27	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:27	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:27	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 00:27	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 00:27	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 00:27	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:27	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:27	1
Vinyl chloride	5.4		1.0	0.10	ug/L			03/04/21 00:27	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 00:27	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		03/04/21 00:27	1
Toluene-d8 (Surr)	101		80 - 125		03/04/21 00:27	1
4-Bromofluorobenzene (Surr)	101		78 - 120		03/04/21 00:27	1
Dibromofluoromethane (Surr)	96		77 - 120		03/04/21 00:27	1

Client Sample ID: PIN12-01.2102006-055
Date Collected: 02/26/21 14:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-10
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 00:51	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-055

Lab Sample ID: 280-145897-10

Date Collected: 02/26/21 14:19

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 00:51	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 00:51	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 00:51	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 00:51	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 00:51	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 00:51	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 00:51	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 00:51	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 00:51	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 00:51	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 00:51	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 00:51	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 00:51	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 00:51	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 00:51	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 00:51	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 00:51	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 00:51	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 00:51	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 00:51	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 00:51	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 00:51	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 00:51	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-055
Date Collected: 02/26/21 14:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-10
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 00:51	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 00:51	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 00:51	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Vinyl chloride	1.8		1.0	0.10	ug/L			03/04/21 00:51	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 00:51	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 127					03/04/21 00:51	1
Toluene-d8 (Surr)	100		80 - 125					03/04/21 00:51	1
4-Bromofluorobenzene (Surr)	98		78 - 120					03/04/21 00:51	1
Dibromofluoromethane (Surr)	96		77 - 120					03/04/21 00:51	1

Client Sample ID: PIN12-01.2102006-056
Date Collected: 02/26/21 15:05
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-11
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 01:14	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 01:14	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 01:14	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:14	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 01:14	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 01:14	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 01:14	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 01:14	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 01:14	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 01:14	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 01:14	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:14	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 01:14	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 01:14	1
1,1-Dichloroethane	3.2		1.0	0.22	ug/L			03/04/21 01:14	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 01:14	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-056

Lab Sample ID: 280-145897-11

Date Collected: 02/26/21 15:05

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	9.0		1.0	0.15	ug/L			03/04/21 01:14	1
trans-1,2-Dichloroethene	3.1		1.0	0.15	ug/L			03/04/21 01:14	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 01:14	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 01:14	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 01:14	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 01:14	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:14	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:14	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 01:14	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 01:14	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 01:14	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 01:14	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 01:14	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 01:14	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 01:14	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 01:14	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:14	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:14	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 01:14	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:14	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:14	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:14	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 01:14	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 01:14	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 01:14	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:14	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:14	1
Vinyl chloride	12		1.0	0.10	ug/L			03/04/21 01:14	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 01:14	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 127		03/04/21 01:14	1
Toluene-d8 (Surr)	100		80 - 125		03/04/21 01:14	1
4-Bromofluorobenzene (Surr)	100		78 - 120		03/04/21 01:14	1
Dibromofluoromethane (Surr)	96		77 - 120		03/04/21 01:14	1

Client Sample ID: PIN12-01.2102006-057

Lab Sample ID: 280-145897-12

Date Collected: 02/24/21 15:50

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 01:37	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 01:37	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-057

Lab Sample ID: 280-145897-12

Date Collected: 02/24/21 15:50

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 01:37	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:37	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 01:37	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 01:37	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 01:37	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 01:37	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 01:37	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 01:37	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 01:37	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:37	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 01:37	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 01:37	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 01:37	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 01:37	1
cis-1,2-Dichloroethene	0.27	J	1.0	0.15	ug/L			03/04/21 01:37	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:37	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 01:37	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 01:37	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 01:37	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 01:37	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:37	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:37	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 01:37	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 01:37	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 01:37	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 01:37	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 01:37	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 01:37	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 01:37	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 01:37	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:37	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:37	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 01:37	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:37	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:37	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:37	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-057

Date Collected: 02/24/21 15:50

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 01:37	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 01:37	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 01:37	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:37	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:37	1
Vinyl chloride	2.6		1.0	0.10	ug/L			03/04/21 01:37	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 01:37	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 127		03/04/21 01:37	1
Toluene-d8 (Surr)	100		80 - 125		03/04/21 01:37	1
4-Bromofluorobenzene (Surr)	98		78 - 120		03/04/21 01:37	1
Dibromofluoromethane (Surr)	96		77 - 120		03/04/21 01:37	1

Client Sample ID: PIN12-01.2102006-058

Date Collected: 02/24/21 16:32

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-13

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 02:00	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 02:00	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 02:00	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:00	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 02:00	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 02:00	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 02:00	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 02:00	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 02:00	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 02:00	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 02:00	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:00	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 02:00	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 02:00	1
1,1-Dichloroethane	0.50	J	1.0	0.22	ug/L			03/04/21 02:00	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 02:00	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:00	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-058

Lab Sample ID: 280-145897-13

Date Collected: 02/24/21 16:32

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:00	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 02:00	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 02:00	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 02:00	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 02:00	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:00	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:00	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 02:00	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 02:00	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 02:00	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 02:00	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 02:00	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 02:00	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 02:00	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 02:00	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:00	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:00	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 02:00	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:00	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:00	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:00	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 02:00	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 02:00	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 02:00	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:00	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:00	1
Vinyl chloride	4.2		1.0	0.10	ug/L			03/04/21 02:00	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 02:00	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 127		03/04/21 02:00	1
Toluene-d8 (Surr)	101		80 - 125		03/04/21 02:00	1
4-Bromofluorobenzene (Surr)	100		78 - 120		03/04/21 02:00	1
Dibromofluoromethane (Surr)	96		77 - 120		03/04/21 02:00	1

Client Sample ID: PIN12-01.2102006-059

Lab Sample ID: 280-145897-14

Date Collected: 02/24/21 16:03

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 02:23	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 02:23	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-059

Lab Sample ID: 280-145897-14

Date Collected: 02/24/21 16:03

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 02:23	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:23	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 02:23	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 02:23	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 02:23	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 02:23	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 02:23	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 02:23	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 02:23	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:23	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 02:23	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 02:23	1
1,1-Dichloroethane	0.43	J	1.0	0.22	ug/L			03/04/21 02:23	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 02:23	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:23	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:23	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 02:23	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 02:23	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 02:23	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 02:23	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:23	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:23	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 02:23	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 02:23	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 02:23	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 02:23	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 02:23	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 02:23	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 02:23	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 02:23	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:23	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:23	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 02:23	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:23	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:23	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:23	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-059
Date Collected: 02/24/21 16:03
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-14
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 02:23	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 02:23	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 02:23	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:23	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:23	1
Vinyl chloride	6.3		1.0	0.10	ug/L			03/04/21 02:23	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 02:23	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		70 - 127					03/04/21 02:23	1
<i>Toluene-d8 (Surr)</i>	101		80 - 125					03/04/21 02:23	1
<i>4-Bromofluorobenzene (Surr)</i>	99		78 - 120					03/04/21 02:23	1
<i>Dibromofluoromethane (Surr)</i>	95		77 - 120					03/04/21 02:23	1

Client Sample ID: PIN12-01.2102006-068
Date Collected: 02/24/21 09:45
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-15
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 02:46	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 02:46	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 02:46	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:46	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 02:46	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 02:46	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 02:46	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 02:46	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 02:46	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 02:46	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 02:46	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:46	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 02:46	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 02:46	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 02:46	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 02:46	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:46	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:46	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-068

Date Collected: 02/24/21 09:45

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 02:46	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 02:46	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 02:46	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 02:46	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:46	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:46	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 02:46	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 02:46	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 02:46	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 02:46	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 02:46	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 02:46	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 02:46	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 02:46	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:46	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:46	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 02:46	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:46	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:46	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:46	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 02:46	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 02:46	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 02:46	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:46	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:46	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 02:46	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 02:46	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	97		70 - 127		03/04/21 02:46	1
<i>Toluene-d8 (Surr)</i>	101		80 - 125		03/04/21 02:46	1
<i>4-Bromofluorobenzene (Surr)</i>	100		78 - 120		03/04/21 02:46	1
<i>Dibromofluoromethane (Surr)</i>	97		77 - 120		03/04/21 02:46	1

Client Sample ID: PIN12-01.2102006-076

Date Collected: 02/25/21 11:06

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145897-16

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 03:09	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 03:09	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 03:09	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-076

Lab Sample ID: 280-145897-16

Date Collected: 02/25/21 11:06

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:09	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 03:09	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 03:09	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 03:09	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
Chloroethane	0.72	J	1.0	0.41	ug/L			03/04/21 03:09	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 03:09	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 03:09	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 03:09	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:09	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 03:09	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 03:09	1
1,1-Dichloroethane	11		1.0	0.22	ug/L			03/04/21 03:09	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 03:09	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:09	1
trans-1,2-Dichloroethene	0.35	J	1.0	0.15	ug/L			03/04/21 03:09	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 03:09	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 03:09	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 03:09	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 03:09	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:09	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:09	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 03:09	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 03:09	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 03:09	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 03:09	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 03:09	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 03:09	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 03:09	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 03:09	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:09	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:09	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 03:09	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:09	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:09	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:09	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 03:09	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-076

Lab Sample ID: 280-145897-16

Date Collected: 02/25/21 11:06

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 03:09	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 03:09	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:09	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:09	1
Vinyl chloride	2.1		1.0	0.10	ug/L			03/04/21 03:09	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 03:09	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 127					03/04/21 03:09	1
Toluene-d8 (Surr)	100		80 - 125					03/04/21 03:09	1
4-Bromofluorobenzene (Surr)	100		78 - 120					03/04/21 03:09	1
Dibromofluoromethane (Surr)	96		77 - 120					03/04/21 03:09	1

Method Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN
8260B SIM	Volatile Organic Compounds (GC/MS-SIM)	SW846	TAL DEN
5030B	Purge and Trap	SW846	TAL DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145897-1
SDG: PIN12-01.2102006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
280-145897-1	PIN12-01.2102006-004	Water	02/25/21 10:37	03/02/21 10:30	
280-145897-2	PIN12-01.2102006-005	Water	02/25/21 09:34	03/02/21 10:30	
280-145897-3	PIN12-01.2102006-023	Water	02/24/21 14:20	03/02/21 10:30	
280-145897-4	PIN12-01.2102006-024	Water	02/24/21 14:56	03/02/21 10:30	
280-145897-5	PIN12-01.2102006-077	Water	02/24/21 11:45	03/02/21 10:30	
280-145897-6	PIN12-01.2102006-084	Water	02/24/21 13:31	03/02/21 10:30	
280-145897-7	PIN12-01.2102006-052	Water	02/25/21 14:03	03/02/21 10:30	
280-145897-8	PIN12-01.2102006-053	Water	02/25/21 14:38	03/02/21 10:30	
280-145897-9	PIN12-01.2102006-054	Water	02/26/21 13:41	03/02/21 10:30	
280-145897-10	PIN12-01.2102006-055	Water	02/26/21 14:19	03/02/21 10:30	
280-145897-11	PIN12-01.2102006-056	Water	02/26/21 15:05	03/02/21 10:30	
280-145897-12	PIN12-01.2102006-057	Water	02/24/21 15:50	03/02/21 10:30	
280-145897-13	PIN12-01.2102006-058	Water	02/24/21 16:32	03/02/21 10:30	
280-145897-14	PIN12-01.2102006-059	Water	02/24/21 16:03	03/02/21 10:30	
280-145897-15	PIN12-01.2102006-068	Water	02/24/21 09:45	03/02/21 10:30	
280-145897-16	PIN12-01.2102006-076	Water	02/25/21 11:06	03/02/21 10:30	

Shipping and Receiving Documents



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.1

TURNAROUND TIME: 28

PROJECT INFORMATION		LABORATORY		SAMPLING / SHIPPING	
Facility Name	Industrial Drain Leaks Bldg 100	Lab Name:	Eurofins TestAmerica Denver	Shipping Company:	
Project Number	1.101.1.06.509.2.01	Address:	4955 Yarrow Street	Tracking Number:	
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	State:	CO
		Postal Code:	80002	Cooler Count:	1
		Phone Number:	303-736-0100	Date Shipped:	
		PO Number:		Sampled by:	J. Caballero
				Sampler 2:	K. Piene

SAMPLE DETAILS							ANALYSIS REQUESTED			
Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	
PIN12-01.2102006-001	0541	GW			G		4	N	N	
PIN12-01.2102006-002	0542	GW	05		G		4	4 C, HCl	4 C, HCl	4 C, HCl
PIN12-01.2102006-003	0551-2	GW	3-21-21		G		4			
PIN12-01.2102006-004	0554B	GW	2/25/21	10:37	G		4	1,4-Dioxane	VOAs	VOAs (6)
PIN12-01.2102006-005	0554C	GW	2/25/21	9:34	G		4			
PIN12-01.2102006-006	0565-3	GW			G		4			
PIN12-01.2102006-007	0569-1	GW			G		4			
PIN12-01.2102006-008	0569-2	GW			G		4			
PIN12-01.2102006-009	0569-3	GW			G		4			
PIN12-01.2102006-010	0570-2	GW	05		G		4			
PIN12-01.2102006-011	0570-3	GW	3-21-21		G		4			
PIN12-01.2102006-012	0572-1	GW			G		4			
PIN12-01.2102006-013	0572-2	GW			G		4			
PIN12-01.2102006-014	0573-2	GW			G		4			



280-145897 Chain of Custody

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELEASED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	Julian Caballero / K. Piene	3-01-21 1235	ATK / KRP	3-1-21 1235
		3-1-21 @ 1700	90+	03/02/2021 1030

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006		COC ID: PIN12-01.2102006-COC.2		TURNAROUND TIME: 28	
Facility Name: Industrial Drain Leaks Bldg 100		Lab Name: Eurofins TestAmerica Denver		Shipping Company:	
Project Number: I.101.1.06.509.2.01		Address: 4955 Yarrow Street		Tracking Number:	
Project Name: Pinellas Bldg 100 Monitoring		City: Arvada State: CO		Cooler Count: 1	
		Postal Code: 80002		Date Shipped:	
		Phone Number: 303-736-0100		Sampled by: J. Caballero	
		PO Number:		Sampler 2: K. Pierce	

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
								1,4-Dioxane	VOAs	VOAs (6)
PIN12-01.2102006-015	0574-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-016	0574-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-017	0574-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-018	0575-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-019	0575-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-020	0576-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-021	0576-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-022	0576-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-023	0580-2	GW	2/24/21	14:20	G		4	1 N	3 N	
PIN12-01.2102006-024	0580-3	GW	2/24/21	14:56	G		4	1 N	3 N	
PIN12-01.2102006-025	0581-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-026	0581-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-027	0581-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-028	0582-1	GW			G		4	1 N	3 N	

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS			DATE/TIME	
Julian Caballero Samp. in <i>[Signature]</i>			3-21-21 1235	
<i>[Signature]</i>			3-1-21 @ 1700	
			<i>[Signature]</i> 03/02/2021 1030	

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.6

TURNAROUND TIME: 28

PROJECT INFORMATION			LABORATORY			SAMPLING / SHIPPING		
Facility Name	Industrial Drain Leaks Bldg 100	Lab Name	Eurofins TestAmerica Denver		Shipping Company:			
Project Number	I.101.1.06.509.2.01	Address:	4955 Yarrow Street		Tracking Number:			
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	State:	CO	Cooler Count:	1	
		Postal Code:	80002		Date Shipped:			
		Phone Number:	303-736-0100		Sampled by:	J. Caballer		
		PO Number:			Sampler 2:	K. Pierre		

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS PARAMETERS			Filtered: F: Fg			Lab: L: Lab; N: None		
								GLASS 40 ML	GLASS 40 ML							
PIN12-01.2102006-071	2207	WATER			G		4	1 N	3 N							
PIN12-01.2102006-072	2208	WATER			G		4	1 N	3 N							
PIN12-01.2102006-073	2209	WATER			G		4	1 N	3 N							
PIN12-01.2102006-074	2210	WATER			G		4	1 N	3 N							
PIN12-01.2102006-075	0579-2	GW		3-01-21	G		4	1 N	3 N							
PIN12-01.2102006-076	0554A	GW			G		4	1 N	3 N							
PIN12-01.2102006-077	0555A	GW	2/24/21	11:45	G		4	1 N	3 N							
PIN12-01.2102006-078	0565-1	GW			G		4	1 N	3 N							
PIN12-01.2102006-079	0570-1	GW			G		4	1 N	3 N							
PIN12-01.2102006-080	0573-3	GW			G		4	1 N	3 N							
PIN12-01.2102006-081	0577-2	GW			G		4	1 N	3 N							
PIN12-01.2102006-082	0577-3	GW		3-01-21	G		4	1 N	3 N							
PIN12-01.2102006-083	0578-3	GW			G		4	1 N	3 N							
PIN12-01.2102006-084	0580-1	GW	2/24/21	13:31	G		4	1 N	3 N							
					INITIALS			DATE/TIME			ACCEPTED BY			DATE/TIME		
					Julian Caballer / K. Pierre			3-01-21 1235			K. Pierre			3-1-25 1235		
					K. Pierre			3-1-21 e 1700			K. Pierre			03/02/2021 1030		

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006		COC ID: PIN12-01.2102006-COC.4			TURNAROUND TIME: 28					
Facility Name: Industrial Drain Leaks Bldg 100				Lab Name: Eurofins TestAmerica Denver			SAMPLING / SHIPPING			
Project Number: I.101.1.06.509.2.01				Address: 4955 Yarrow Street			Shipping Company:			
Project Name: Pinellas Bldg 100 Monitoring				City: Arvada		State: CO		Tracking Number:		
				Postal Code: 80002		Cooler Count: 1				
				Phone Number: 303-736-0100			Date Shipped:			
				PO Number:			Sampled by: J. Caballero			
							Sampler 2: K. Pierce			
SAMPLE DETAILS							ANALYSIS REQUESTED			
Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-043	0587-1	GW			G		4	N	N	
PIN12-01.2102006-044	0587-2	GW			G		4			
PIN12-01.2102006-045	0587-3	GW			G		4	4 C, HCl	4 C, HCl	4 C, HCl
PIN12-01.2102006-046	0588-1	GW			G		4			
PIN12-01.2102006-047	0588-2	GW			G		4			
PIN12-01.2102006-048	0588-3	GW			G		4			
PIN12-01.2102006-049	S68B	GW	3-01-21		G		4			
PIN12-01.2102006-050	S68C	GW			G		4			
PIN12-01.2102006-051	S68D	GW			G		4			
PIN12-01.2102006-052	S69C	GW	2/25/21	14:03	G		4	1,4-Dioxane	VOAS	VOAs (6)
PIN12-01.2102006-053	S69D	GW	2/25/21	14:38	G		4			
PIN12-01.2102006-054	S70B	GW	2/20/21	1341	G		4			
PIN12-01.2102006-055	S70C	GW	2/20/21	1419	G		4			
PIN12-01.2102006-056	S70D	GW	2/20/21	1505	G		4			
ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS								ACCEPTED BY		
Julian Caballero / J.P.L. 								3-01-21 1235		
								3-1-21 @ 1700		
								3-1-21 1235		
								03/03/2021 1030		

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006		COC ID: PIN12-01.2102006-COC.5		TURNAROUND TIME: 28	
PROJECT INFORMATION			LABORATORY		
Facility Name:	Industrial Drain Leaks Bldg 100	Lab Name:	Eurofins TestAmerica Denver		Shipping Company:
Project Number:	1.101.1.06.509.2.01	Address:	4955 Yarrow Street		Tracking Number:
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	State:	CO
		Postal Code:	80002		Cooler Count:
		Phone Number:	303-736-0100		Date Shipped:
		PO Number:			Sampled by:
					S. Cabellero
					Sampler 2:
					K. Pierce

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-057	S71B	GW	2/24/21	15:50	G		4	1 N	3 N	
PIN12-01.2102006-058	S71C	GW	2/24/21	16:32	G		4	1 N	3 N	
PIN12-01.2102006-059	S71D	GW	2/24/21	16:03	G		4	1 N	3 N	
PIN12-01.2102006-060	S73B	GW			G		4	1 N	3 N	
PIN12-01.2102006-061	S73C	GW			G		4	1 N	3 N	
PIN12-01.2102006-062	2198	GW			G		7	1 N		6 N
PIN12-01.2102006-063	2199	GW			G		7	1 N		6 N
PIN12-01.2102006-064	2200	GW			G		7	1 N		6 N
PIN12-01.2102006-065	2201	GW	3-01-21		G		7	1 N		6 N
PIN12-01.2102006-066	2202	GW			G		7	1 N		6 N
PIN12-01.2102006-067	2203	WATER	2/24/21	9:45 AM	G		4	1 N	3 N	
PIN12-01.2102006-068	2204	WATER	2/24/21	9:45	G		4	1 N	3 N	
PIN12-01.2102006-069	2205	WATER			G		4	1 N	3 N	
PIN12-01.2102006-070	2206	WATER	3-01-21		G		4	1 N	3 N	

ADDITIONAL COMMENTS/INSTRUCTIONS	DATE/TIME	DATE/TIME	DATE/TIME
Julian Cabellero / K. Pierce <i>[Signature]</i>	3-01-21 1235	3-1-21 1700	3-1-21 1235
			02/02/2021 1030

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006	COC ID: PIN12-01.2102006-COC.6	TURNAROUND TIME: 28
Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	Shipping Company:
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Tracking Number:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count: 1
	Postal Code: 80002	Date Shipped:
	Phone Number: 303-736-0100	Sampled by: J. Ceballos
	PO Number:	Sampler 2: K. Pierce

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-071	2207	WATER			G		4	N	N	
PIN12-01.2102006-072	2208	WATER			G		4	N	N	
PIN12-01.2102006-073	2209	WATER			G		4	N	N	
PIN12-01.2102006-074	2210	WATER			G		4	N	N	
PIN12-01.2102006-075	0579-2	GW			G		4	N	N	
PIN12-01.2102006-076	0554A	GW	2/25/21	1106	G		4	N	N	
PIN12-01.2102006-077	0555A	GW			G		4	N	N	
PIN12-01.2102006-078	0565-1	GW			G		4	N	N	
PIN12-01.2102006-079	0570-1	GW			G		4	N	N	
PIN12-01.2102006-080	0573-3	GW			G		4	N	N	
PIN12-01.2102006-081	0577-2	GW			G		4	N	N	
PIN12-01.2102006-082	0577-3	GW			G		4	N	N	
PIN12-01.2102006-083	0578-3	GW			G		4	N	N	
PIN12-01.2102006-084	0580-1	GW			G		4	N	N	

ADDITIONAL COMMENTS/SPECIFIC INSTRUCTIONS	DATE/TIME	DATE/TIME	DATE/TIME
	Julissa Ceballos / K.Pierce J. Ceballos	3-01-21 1235 3-1-21 @ 1700	[Signature] [Signature]

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Login Sample Receipt Checklist

Client: Navarro Research and Engineering, Inc

Job Number: 280-145897-1
SDG Number: PIN12-01.2102006

Login Number: 145897
List Number: 1
Creator: O'Hara, Jake F

List Source: Eurofins TestAmerica, Denver

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 280-145902-1

SDG Number: PIN12-01.2102006

Job Description: Pinellas Bldg 100 Monitoring

For:

Navarro Research and Engineering, Inc
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Donna R Rydberg
Senior Project Manager
3/10/2021 7:17 AM

Donna R Rydberg, Senior Project Manager
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0192
Donna.Rydberg@Eurofinset.com
03/10/2021

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Denver

4955 Yarrow Street, Arvada, CO 80002

Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Definitions/Glossary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Navarro Research and Engineering, Inc

Project: Pinellas Bldg 100 Monitoring

Report Number: 280-145902-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/2/2021 at 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1° C and 1.6° C.

Receipt Exceptions

Insufficient sample volume was provided to perform a MS/MSD for the 8260 SIM analysis.

Six vials were provided for samples PIN12-01.2102006-063 (280-145902-15) and PIN12-01.2102006-064 (280-145902-16) for 8260B VOA analysis. Both samples were logged for a MS/MSD for VOA analysis.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples PIN12-01.2102006-006 (280-145902-1), PIN12-01.2102006-007 (280-145902-2), PIN12-01.2102006-008 (280-145902-3), PIN12-01.2102006-009 (280-145902-4), PIN12-01.2102006-010 (280-145902-5), PIN12-01.2102006-011 (280-145902-6), PIN12-01.2102006-012 (280-145902-7), PIN12-01.2102006-013 (280-145902-8), PIN12-01.2102006-014 (280-145902-9), PIN12-01.2102006-015 (280-145902-10), PIN12-01.2102006-016 (280-145902-11), PIN12-01.2102006-017 (280-145902-12), PIN12-01.2102006-018 (280-145902-13), PIN12-01.2102006-019 (280-145902-14), PIN12-01.2102006-063 (280-145902-15), PIN12-01.2102006-064 (280-145902-16), PIN12-01.2102006-067 (280-145902-17), PIN12-01.2102006-078 (280-145902-18), PIN12-01.2102006-079 (280-145902-19) and PIN12-01.2102006-080 (280-145902-20) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/03/2021 and 03/04/2021.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GC-MS SIM)

Samples PIN12-01.2102006-006 (280-145902-1), PIN12-01.2102006-007 (280-145902-2), PIN12-01.2102006-008 (280-145902-3), PIN12-01.2102006-009 (280-145902-4), PIN12-01.2102006-010 (280-145902-5), PIN12-01.2102006-011 (280-145902-6), PIN12-01.2102006-012 (280-145902-7), PIN12-01.2102006-013 (280-145902-8), PIN12-01.2102006-014 (280-145902-9), PIN12-01.2102006-015 (280-145902-10), PIN12-01.2102006-016 (280-145902-11), PIN12-01.2102006-017 (280-145902-12), PIN12-01.2102006-018 (280-145902-13), PIN12-01.2102006-019 (280-145902-14), PIN12-01.2102006-063 (280-145902-15), PIN12-01.2102006-064 (280-145902-16), PIN12-01.2102006-067 (280-145902-17), PIN12-01.2102006-078 (280-145902-18), PIN12-01.2102006-079 (280-145902-19) and PIN12-01.2102006-080 (280-145902-20) were analyzed for volatile organic compounds (GC-MS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 03/06/2021 and 03/09/2021.

The analyte 1,4-Dioxane was detected in method blank MB 280-528192/32 at a level that was less than one half the LOQ; therefore, corrective action was deemed unnecessary. The value should be considered an estimate, and has been flagged "J" in accordance with the DoD QSM.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-528500.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-006

Lab Sample ID: 280-145902-1

No Detections.

Client Sample ID: PIN12-01.2102006-007

Lab Sample ID: 280-145902-2

No Detections.

Client Sample ID: PIN12-01.2102006-008

Lab Sample ID: 280-145902-3

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.85	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-009

Lab Sample ID: 280-145902-4

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.93	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	0.19	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-010

Lab Sample ID: 280-145902-5

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	0.30	J	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-011

Lab Sample ID: 280-145902-6

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.4		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	3.3		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-012

Lab Sample ID: 280-145902-7

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.47	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-013

Lab Sample ID: 280-145902-8

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.9		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	0.20	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-014

Lab Sample ID: 280-145902-9

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	1.0		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-015

Lab Sample ID: 280-145902-10

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	27		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-016

Lab Sample ID: 280-145902-11

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.6		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	6.3		1.0	0.17	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-017

Lab Sample ID: 280-145902-12

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.50	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Acetone	5.6	J	10	1.9	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-018

Lab Sample ID: 280-145902-13

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.7		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	2.1		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-019

Lab Sample ID: 280-145902-14

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	4.6		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-063

Lab Sample ID: 280-145902-15

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.7		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	0.20	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-064

Lab Sample ID: 280-145902-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	6.4		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-067

Lab Sample ID: 280-145902-17

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,2,3-Trichlorobenzene	0.28	J	1.0	0.21	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-078

Lab Sample ID: 280-145902-18

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.92	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-079

Lab Sample ID: 280-145902-19

No Detections.

Client Sample ID: PIN12-01.2102006-080

Lab Sample ID: 280-145902-20

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.95	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	0.92	J	1.0	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-006
Date Collected: 02/26/21 09:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.27	U	1.4	0.27	ug/L	-		03/09/21 03:57	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	105		70 - 127				Prepared	Analyzed	Dil Fac
								03/09/21 03:57	1

Client Sample ID: PIN12-01.2102006-007
Date Collected: 02/26/21 09:58
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.27	U	1.4	0.27	ug/L	-		03/09/21 04:19	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	104		70 - 127				Prepared	Analyzed	Dil Fac
								03/09/21 04:19	1

Client Sample ID: PIN12-01.2102006-008
Date Collected: 02/26/21 10:30
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.85	J	1.4	0.27	ug/L	-		03/09/21 04:41	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	106		70 - 127				Prepared	Analyzed	Dil Fac
								03/09/21 04:41	1

Client Sample ID: PIN12-01.2102006-009
Date Collected: 02/26/21 11:34
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.93	J	1.4	0.27	ug/L	-		03/09/21 05:03	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	104		70 - 127				Prepared	Analyzed	Dil Fac
								03/09/21 05:03	1

Client Sample ID: PIN12-01.2102006-010
Date Collected: 02/26/21 14:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-5
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.4	0.27	ug/L	-		03/06/21 03:26	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	104		70 - 127				Prepared	Analyzed	Dil Fac
								03/06/21 03:26	1

Client Sample ID: PIN12-01.2102006-011
Date Collected: 02/26/21 15:09
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-6
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.4		1.4	0.27	ug/L	-		03/06/21 03:48	1
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	104		70 - 127				Prepared	Analyzed	Dil Fac
								03/06/21 03:48	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-012

Date Collected: 02/25/21 14:57

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.47	J	1.4	0.27	ug/L			03/06/21 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/06/21 04:10	1

Client Sample ID: PIN12-01.2102006-013

Date Collected: 02/25/21 15:30

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.9		1.4	0.27	ug/L			03/06/21 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/06/21 04:32	1

Client Sample ID: PIN12-01.2102006-014

Date Collected: 02/25/21 11:35

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1	J	1.4	0.27	ug/L			03/06/21 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/06/21 04:54	1

Client Sample ID: PIN12-01.2102006-015

Date Collected: 02/25/21 09:31

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-10

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.4	0.27	ug/L			03/06/21 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/06/21 05:16	1

Client Sample ID: PIN12-01.2102006-016

Date Collected: 02/25/21 10:05

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-11

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.6		1.4	0.27	ug/L			03/06/21 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/06/21 05:38	1

Client Sample ID: PIN12-01.2102006-017

Date Collected: 02/25/21 10:54

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.50	J	1.4	0.27	ug/L			03/06/21 06:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127					03/06/21 06:00	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-018

Date Collected: 02/24/21 14:57

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-13

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.7		1.4	0.27	ug/L			03/06/21 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/06/21 06:22	1

Client Sample ID: PIN12-01.2102006-019

Date Collected: 02/24/21 15:36

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-14

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1	J	1.4	0.27	ug/L			03/06/21 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127					03/06/21 06:44	1

Client Sample ID: PIN12-01.2102006-063

Date Collected: 02/25/21 12:32

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.7		1.4	0.27	ug/L			03/06/21 07:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/06/21 07:06	1

Client Sample ID: PIN12-01.2102006-064

Date Collected: 02/25/21 13:00

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-16

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.4	0.27	ug/L			03/06/21 07:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127					03/06/21 07:28	1

Client Sample ID: PIN12-01.2102006-067

Date Collected: 02/24/21 11:06

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-17

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.27	U	1.4	0.27	ug/L			03/06/21 07:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/06/21 07:50	1

Client Sample ID: PIN12-01.2102006-078

Date Collected: 02/25/21 16:10

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-18

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.92	J	1.4	0.27	ug/L			03/06/21 08:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/06/21 08:12	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-079
Date Collected: 02/26/21 13:43
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-19
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.27	U	1.4	0.27	ug/L			03/06/21 08:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/06/21 08:34	1

Client Sample ID: PIN12-01.2102006-080
Date Collected: 02/25/21 14:17
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-20
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.95	J	1.4	0.27	ug/L			03/06/21 08:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/06/21 08:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-006
Date Collected: 02/26/21 09:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 23:21	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 23:21	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 23:21	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:21	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 23:21	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 23:21	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 23:21	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 23:21	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 23:21	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 23:21	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 23:21	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:21	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 23:21	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 23:21	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/03/21 23:21	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 23:21	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 23:21	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 23:21	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 23:21	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-006
Date Collected: 02/26/21 09:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 23:21	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 23:21	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 23:21	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:21	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:21	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 23:21	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 23:21	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 23:21	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 23:21	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 23:21	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 23:21	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 23:21	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 23:21	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:21	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:21	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 23:21	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:21	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:21	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:21	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 23:21	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 23:21	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 23:21	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:21	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:21	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/03/21 23:21	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 23:21	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		03/03/21 23:21	1
Toluene-d8 (Surr)	103		80 - 125		03/03/21 23:21	1
4-Bromofluorobenzene (Surr)	100		78 - 120		03/03/21 23:21	1
Dibromofluoromethane (Surr)	98		77 - 120		03/03/21 23:21	1

Client Sample ID: PIN12-01.2102006-007
Date Collected: 02/26/21 09:58
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/03/21 23:43	1
Benzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/03/21 23:43	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/03/21 23:43	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:43	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-007

Date Collected: 02/26/21 09:58

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-2

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/03/21 23:43	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/03/21 23:43	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/03/21 23:43	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/03/21 23:43	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/03/21 23:43	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/03/21 23:43	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/03/21 23:43	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:43	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/03/21 23:43	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/03/21 23:43	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/03/21 23:43	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/03/21 23:43	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 23:43	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/03/21 23:43	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/03/21 23:43	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/03/21 23:43	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/03/21 23:43	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/03/21 23:43	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:43	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/03/21 23:43	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/03/21 23:43	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/03/21 23:43	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/03/21 23:43	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/03/21 23:43	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/03/21 23:43	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/03/21 23:43	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/03/21 23:43	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Styrene	0.36	U	1.0	0.36	ug/L			03/03/21 23:43	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:43	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/03/21 23:43	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/03/21 23:43	1
Toluene	0.17	U	1.0	0.17	ug/L			03/03/21 23:43	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:43	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/03/21 23:43	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/03/21 23:43	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-007

Date Collected: 02/26/21 09:58

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-2

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/03/21 23:43	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/03/21 23:43	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/03/21 23:43	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/03/21 23:43	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/03/21 23:43	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/03/21 23:43	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/03/21 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/03/21 23:43	1
Toluene-d8 (Surr)	104		80 - 125		03/03/21 23:43	1
4-Bromofluorobenzene (Surr)	102		78 - 120		03/03/21 23:43	1
Dibromofluoromethane (Surr)	99		77 - 120		03/03/21 23:43	1

Client Sample ID: PIN12-01.2102006-008

Date Collected: 02/26/21 10:30

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-3

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 00:06	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 00:06	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 00:06	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:06	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 00:06	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 00:06	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 00:06	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 00:06	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 00:06	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 00:06	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 00:06	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:06	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 00:06	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 00:06	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 00:06	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 00:06	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:06	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:06	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 00:06	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 00:06	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-008
Date Collected: 02/26/21 10:30
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 00:06	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 00:06	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:06	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:06	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 00:06	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 00:06	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 00:06	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 00:06	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 00:06	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 00:06	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 00:06	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 00:06	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:06	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:06	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 00:06	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:06	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:06	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:06	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 00:06	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 00:06	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 00:06	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:06	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:06	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 00:06	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 00:06	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		03/04/21 00:06	1
Toluene-d8 (Surr)	104		80 - 125		03/04/21 00:06	1
4-Bromofluorobenzene (Surr)	101		78 - 120		03/04/21 00:06	1
Dibromofluoromethane (Surr)	97		77 - 120		03/04/21 00:06	1

Client Sample ID: PIN12-01.2102006-009
Date Collected: 02/26/21 11:34
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 00:29	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 00:29	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 00:29	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:29	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 00:29	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-009

Lab Sample ID: 280-145902-4

Date Collected: 02/26/21 11:34

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 00:29	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 00:29	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 00:29	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 00:29	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 00:29	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 00:29	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:29	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:29	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 00:29	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 00:29	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 00:29	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 00:29	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:29	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:29	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 00:29	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 00:29	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 00:29	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 00:29	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:29	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:29	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 00:29	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 00:29	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 00:29	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 00:29	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 00:29	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 00:29	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 00:29	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 00:29	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:29	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:29	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 00:29	1
Toluene	0.19	J	1.0	0.17	ug/L			03/04/21 00:29	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:29	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:29	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 00:29	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 00:29	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-009
Date Collected: 02/26/21 11:34
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 00:29	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:29	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:29	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 00:29	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 00:29	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		03/04/21 00:29	1
Toluene-d8 (Surr)	106		80 - 125		03/04/21 00:29	1
4-Bromofluorobenzene (Surr)	102		78 - 120		03/04/21 00:29	1
Dibromofluoromethane (Surr)	95		77 - 120		03/04/21 00:29	1

Client Sample ID: PIN12-01.2102006-010
Date Collected: 02/26/21 14:19
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-5
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 00:51	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 00:51	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 00:51	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 00:51	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 00:51	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 00:51	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 00:51	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 00:51	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 00:51	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 00:51	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 00:51	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 00:51	1
cis-1,2-Dichloroethene	0.30	J	1.0	0.15	ug/L			03/04/21 00:51	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 00:51	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 00:51	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 00:51	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-010

Date Collected: 02/26/21 14:19

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-5

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 00:51	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 00:51	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 00:51	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 00:51	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 00:51	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 00:51	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 00:51	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 00:51	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 00:51	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 00:51	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 00:51	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 00:51	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 00:51	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 00:51	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 00:51	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 00:51	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 00:51	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 00:51	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		03/04/21 00:51	1
Toluene-d8 (Surr)	103		80 - 125		03/04/21 00:51	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/04/21 00:51	1
Dibromofluoromethane (Surr)	99		77 - 120		03/04/21 00:51	1

Client Sample ID: PIN12-01.2102006-011

Date Collected: 02/26/21 15:09

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 01:13	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 01:13	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 01:13	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:13	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 01:13	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 01:13	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-011

Lab Sample ID: 280-145902-6

Date Collected: 02/26/21 15:09

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 01:13	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 01:13	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 01:13	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 01:13	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 01:13	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:13	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 01:13	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 01:13	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 01:13	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 01:13	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:13	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:13	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 01:13	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 01:13	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 01:13	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 01:13	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:13	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:13	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 01:13	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 01:13	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 01:13	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 01:13	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 01:13	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 01:13	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 01:13	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 01:13	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:13	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:13	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 01:13	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:13	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:13	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:13	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 01:13	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 01:13	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 01:13	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-011
Date Collected: 02/26/21 15:09
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-6
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:13	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:13	1
Vinyl chloride	3.3		1.0	0.10	ug/L			03/04/21 01:13	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 01:13	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/04/21 01:13	1
Toluene-d8 (Surr)	104		80 - 125		03/04/21 01:13	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/04/21 01:13	1
Dibromofluoromethane (Surr)	98		77 - 120		03/04/21 01:13	1

Client Sample ID: PIN12-01.2102006-012
Date Collected: 02/25/21 14:57
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-7
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 01:36	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 01:36	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 01:36	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:36	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 01:36	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 01:36	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 01:36	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 01:36	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 01:36	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 01:36	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 01:36	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:36	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 01:36	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 01:36	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 01:36	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 01:36	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:36	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:36	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 01:36	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 01:36	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 01:36	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 01:36	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-012
Date Collected: 02/25/21 14:57
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-7
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:36	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:36	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 01:36	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 01:36	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 01:36	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 01:36	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 01:36	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 01:36	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 01:36	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 01:36	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:36	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:36	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 01:36	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:36	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:36	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:36	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 01:36	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 01:36	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 01:36	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:36	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:36	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 01:36	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 01:36	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		03/04/21 01:36	1
Toluene-d8 (Surr)	104		80 - 125		03/04/21 01:36	1
4-Bromofluorobenzene (Surr)	101		78 - 120		03/04/21 01:36	1
Dibromofluoromethane (Surr)	97		77 - 120		03/04/21 01:36	1

Client Sample ID: PIN12-01.2102006-013
Date Collected: 02/25/21 15:30
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-8
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 01:58	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 01:58	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 01:58	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:58	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 01:58	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 01:58	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-013

Date Collected: 02/25/21 15:30

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 01:58	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 01:58	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 01:58	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 01:58	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 01:58	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 01:58	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:58	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 01:58	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 01:58	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 01:58	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 01:58	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:58	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 01:58	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 01:58	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 01:58	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 01:58	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 01:58	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:58	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 01:58	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 01:58	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 01:58	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 01:58	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 01:58	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 01:58	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 01:58	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 01:58	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 01:58	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:58	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 01:58	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 01:58	1
Toluene	0.20	J	1.0	0.17	ug/L			03/04/21 01:58	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:58	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 01:58	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 01:58	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 01:58	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 01:58	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 01:58	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-013

Date Collected: 02/25/21 15:30

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 01:58	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 01:58	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 01:58	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 01:58	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127					03/04/21 01:58	1
Toluene-d8 (Surr)	105		80 - 125					03/04/21 01:58	1
4-Bromofluorobenzene (Surr)	104		78 - 120					03/04/21 01:58	1
Dibromofluoromethane (Surr)	97		77 - 120					03/04/21 01:58	1

Client Sample ID: PIN12-01.2102006-014

Date Collected: 02/25/21 11:35

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 02:21	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 02:21	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 02:21	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:21	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 02:21	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 02:21	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 02:21	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 02:21	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 02:21	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 02:21	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 02:21	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:21	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 02:21	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 02:21	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 02:21	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 02:21	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:21	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:21	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 02:21	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 02:21	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 02:21	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 02:21	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-014

Date Collected: 02/25/21 11:35

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:21	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:21	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 02:21	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 02:21	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 02:21	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 02:21	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 02:21	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 02:21	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 02:21	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 02:21	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:21	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:21	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 02:21	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:21	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:21	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:21	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 02:21	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 02:21	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 02:21	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:21	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:21	1
Vinyl chloride	1.0		1.0	0.10	ug/L			03/04/21 02:21	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 02:21	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/04/21 02:21	1
Toluene-d8 (Surr)	103		80 - 125		03/04/21 02:21	1
4-Bromofluorobenzene (Surr)	102		78 - 120		03/04/21 02:21	1
Dibromofluoromethane (Surr)	97		77 - 120		03/04/21 02:21	1

Client Sample ID: PIN12-01.2102006-015

Date Collected: 02/25/21 09:31

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-10

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 02:43	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 02:43	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 02:43	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:43	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 02:43	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 02:43	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-015

Lab Sample ID: 280-145902-10

Date Collected: 02/25/21 09:31

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 02:43	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 02:43	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 02:43	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 02:43	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 02:43	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:43	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 02:43	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 02:43	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 02:43	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 02:43	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:43	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 02:43	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 02:43	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 02:43	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 02:43	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 02:43	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:43	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 02:43	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 02:43	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 02:43	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 02:43	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 02:43	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 02:43	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 02:43	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 02:43	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 02:43	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:43	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 02:43	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 02:43	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 02:43	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:43	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 02:43	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 02:43	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 02:43	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 02:43	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 02:43	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 02:43	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-015
Date Collected: 02/25/21 09:31
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-10
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	27		1.0	0.10	ug/L			03/04/21 02:43	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 02:43	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		03/04/21 02:43	1
Toluene-d8 (Surr)	104		80 - 125		03/04/21 02:43	1
4-Bromofluorobenzene (Surr)	101		78 - 120		03/04/21 02:43	1
Dibromofluoromethane (Surr)	95		77 - 120		03/04/21 02:43	1

Client Sample ID: PIN12-01.2102006-016
Date Collected: 02/25/21 10:05
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-11
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 03:06	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 03:06	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 03:06	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:06	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 03:06	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 03:06	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 03:06	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 03:06	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 03:06	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 03:06	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 03:06	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:06	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:06	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 03:06	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 03:06	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 03:06	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 03:06	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:06	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:06	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 03:06	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 03:06	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 03:06	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 03:06	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:06	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-016

Date Collected: 02/25/21 10:05

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-11

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:06	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 03:06	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 03:06	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 03:06	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 03:06	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 03:06	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 03:06	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 03:06	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 03:06	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:06	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:06	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 03:06	1
Toluene	6.3		1.0	0.17	ug/L			03/04/21 03:06	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:06	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:06	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 03:06	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 03:06	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 03:06	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:06	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:06	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 03:06	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 03:06	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	102		70 - 127		03/04/21 03:06	1
<i>Toluene-d8 (Surr)</i>	104		80 - 125		03/04/21 03:06	1
<i>4-Bromofluorobenzene (Surr)</i>	102		78 - 120		03/04/21 03:06	1
<i>Dibromofluoromethane (Surr)</i>	96		77 - 120		03/04/21 03:06	1

Client Sample ID: PIN12-01.2102006-017

Date Collected: 02/25/21 10:54

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.6	J	10	1.9	ug/L			03/04/21 03:28	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 03:28	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 03:28	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:28	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 03:28	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 03:28	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-017

Lab Sample ID: 280-145902-12

Date Collected: 02/25/21 10:54

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 03:28	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 03:28	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 03:28	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 03:28	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 03:28	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:28	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 03:28	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 03:28	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 03:28	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 03:28	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:28	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:28	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 03:28	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 03:28	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 03:28	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 03:28	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:28	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:28	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 03:28	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 03:28	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 03:28	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 03:28	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 03:28	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 03:28	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 03:28	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 03:28	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:28	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:28	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 03:28	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:28	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:28	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:28	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 03:28	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 03:28	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 03:28	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:28	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:28	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 03:28	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-017

Date Collected: 02/25/21 10:54

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 03:28	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	103		70 - 127					03/04/21 03:28	1
<i>Toluene-d8 (Surr)</i>	103		80 - 125					03/04/21 03:28	1
<i>4-Bromofluorobenzene (Surr)</i>	101		78 - 120					03/04/21 03:28	1
<i>Dibromofluoromethane (Surr)</i>	98		77 - 120					03/04/21 03:28	1

Client Sample ID: PIN12-01.2102006-018

Date Collected: 02/24/21 14:57

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-13

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 03:33	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 03:33	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 03:33	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:33	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 03:33	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 03:33	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 03:33	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 03:33	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 03:33	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 03:33	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 03:33	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:33	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 03:33	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 03:33	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 03:33	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 03:33	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:33	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:33	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 03:33	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 03:33	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 03:33	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 03:33	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:33	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:33	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-018
Date Collected: 02/24/21 14:57
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-13
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 03:33	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 03:33	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 03:33	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 03:33	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 03:33	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 03:33	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 03:33	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 03:33	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:33	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:33	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 03:33	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:33	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:33	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:33	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 03:33	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 03:33	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 03:33	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:33	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:33	1
Vinyl chloride	2.1		1.0	0.10	ug/L			03/04/21 03:33	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 03:33	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		70 - 127		03/04/21 03:33	1
<i>Toluene-d8 (Surr)</i>	101		80 - 125		03/04/21 03:33	1
<i>4-Bromofluorobenzene (Surr)</i>	100		78 - 120		03/04/21 03:33	1
<i>Dibromofluoromethane (Surr)</i>	96		77 - 120		03/04/21 03:33	1

Client Sample ID: PIN12-01.2102006-019
Date Collected: 02/24/21 15:36
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-14
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 03:56	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 03:56	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 03:56	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:56	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 03:56	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 03:56	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 03:56	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-019

Lab Sample ID: 280-145902-14

Date Collected: 02/24/21 15:36

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 03:56	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 03:56	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 03:56	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 03:56	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:56	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 03:56	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 03:56	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 03:56	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 03:56	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:56	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:56	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 03:56	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 03:56	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 03:56	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 03:56	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:56	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:56	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 03:56	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 03:56	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 03:56	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 03:56	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 03:56	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 03:56	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 03:56	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 03:56	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:56	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:56	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 03:56	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:56	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:56	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:56	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 03:56	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 03:56	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 03:56	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:56	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:56	1
Vinyl chloride	4.6		1.0	0.10	ug/L			03/04/21 03:56	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 03:56	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-019

Date Collected: 02/24/21 15:36

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-14

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 03:56	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 127					03/04/21 03:56	1
Toluene-d8 (Surr)	100		80 - 125					03/04/21 03:56	1
4-Bromofluorobenzene (Surr)	100		78 - 120					03/04/21 03:56	1
Dibromofluoromethane (Surr)	96		77 - 120					03/04/21 03:56	1

Client Sample ID: PIN12-01.2102006-063

Date Collected: 02/25/21 12:32

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 03:51	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 03:51	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 03:51	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:51	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 03:51	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 03:51	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 03:51	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 03:51	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 03:51	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 03:51	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 03:51	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 03:51	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:51	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 03:51	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 03:51	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 03:51	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 03:51	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:51	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 03:51	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 03:51	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 03:51	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 03:51	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 03:51	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:51	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 03:51	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-063
Date Collected: 02/25/21 12:32
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-15
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 03:51	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 03:51	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 03:51	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 03:51	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 03:51	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 03:51	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 03:51	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 03:51	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:51	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 03:51	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 03:51	1
Toluene	0.20	J	1.0	0.17	ug/L			03/04/21 03:51	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:51	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 03:51	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 03:51	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 03:51	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 03:51	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 03:51	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 03:51	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 03:51	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 03:51	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		03/04/21 03:51	1
Toluene-d8 (Surr)	103		80 - 125		03/04/21 03:51	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/04/21 03:51	1
Dibromofluoromethane (Surr)	97		77 - 120		03/04/21 03:51	1

Client Sample ID: PIN12-01.2102006-064
Date Collected: 02/25/21 13:00
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-16
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 04:59	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 04:59	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 04:59	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 04:59	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 04:59	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 04:59	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 04:59	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-064

Lab Sample ID: 280-145902-16

Date Collected: 02/25/21 13:00

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 04:59	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 04:59	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 04:59	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 04:59	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 04:59	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 04:59	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 04:59	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 04:59	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 04:59	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 04:59	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 04:59	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 04:59	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 04:59	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 04:59	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 04:59	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 04:59	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 04:59	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 04:59	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 04:59	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 04:59	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 04:59	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 04:59	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 04:59	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 04:59	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 04:59	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 04:59	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 04:59	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 04:59	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 04:59	1
Toluene	6.4		1.0	0.17	ug/L			03/04/21 04:59	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 04:59	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 04:59	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 04:59	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 04:59	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 04:59	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 04:59	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 04:59	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 04:59	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 04:59	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 04:59	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/04/21 04:59	1
Toluene-d8 (Surr)	104		80 - 125		03/04/21 04:59	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/04/21 04:59	1
Dibromofluoromethane (Surr)	98		77 - 120		03/04/21 04:59	1

Client Sample ID: PIN12-01.2102006-067

Lab Sample ID: 280-145902-17

Date Collected: 02/24/21 11:06

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 06:06	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 06:06	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 06:06	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:06	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 06:06	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 06:06	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 06:06	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 06:06	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 06:06	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 06:06	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 06:06	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 06:06	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 06:06	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 06:06	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 06:06	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 06:06	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 06:06	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 06:06	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 06:06	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 06:06	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 06:06	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 06:06	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 06:06	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 06:06	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 06:06	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 06:06	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 06:06	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 06:06	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 06:06	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-067

Date Collected: 02/24/21 11:06

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-17

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 06:06	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 06:06	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 06:06	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:06	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:06	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 06:06	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 06:06	1
1,2,3-Trichlorobenzene	0.28	J	1.0	0.21	ug/L			03/04/21 06:06	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 06:06	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 06:06	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 06:06	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 06:06	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 06:06	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:06	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 06:06	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 06:06	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 06:06	1
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Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 127					03/04/21 06:06	1
Toluene-d8 (Surr)	105		80 - 125					03/04/21 06:06	1
4-Bromofluorobenzene (Surr)	102		78 - 120					03/04/21 06:06	1
Dibromofluoromethane (Surr)	98		77 - 120					03/04/21 06:06	1

Client Sample ID: PIN12-01.2102006-078

Date Collected: 02/25/21 16:10

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-18

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 06:29	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 06:29	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 06:29	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:29	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 06:29	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 06:29	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 06:29	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 06:29	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 06:29	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-078

Date Collected: 02/25/21 16:10

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-18

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 06:29	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 06:29	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 06:29	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 06:29	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 06:29	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 06:29	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 06:29	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 06:29	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 06:29	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 06:29	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 06:29	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 06:29	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 06:29	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 06:29	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 06:29	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 06:29	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 06:29	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 06:29	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 06:29	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 06:29	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 06:29	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 06:29	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 06:29	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:29	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:29	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 06:29	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 06:29	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 06:29	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 06:29	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 06:29	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 06:29	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 06:29	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 06:29	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:29	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 06:29	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 06:29	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/04/21 06:29	1
Toluene-d8 (Surr)	105		80 - 125		03/04/21 06:29	1
4-Bromofluorobenzene (Surr)	102		78 - 120		03/04/21 06:29	1
Dibromofluoromethane (Surr)	97		77 - 120		03/04/21 06:29	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-079

Lab Sample ID: 280-145902-19

Date Collected: 02/26/21 13:43

Matrix: Water

Date Received: 03/02/21 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 06:51	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 06:51	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 06:51	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:51	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 06:51	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 06:51	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 06:51	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 06:51	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 06:51	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 06:51	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 06:51	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 06:51	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 06:51	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 06:51	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 06:51	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 06:51	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 06:51	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 06:51	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 06:51	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 06:51	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 06:51	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 06:51	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 06:51	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 06:51	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 06:51	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 06:51	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 06:51	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 06:51	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 06:51	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 06:51	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 06:51	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 06:51	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:51	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 06:51	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-079

Date Collected: 02/26/21 13:43

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-19

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 06:51	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 06:51	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 06:51	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 06:51	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 06:51	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 06:51	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 06:51	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 06:51	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 06:51	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/04/21 06:51	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 06:51	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/04/21 06:51	1
Toluene-d8 (Surr)	103		80 - 125		03/04/21 06:51	1
4-Bromofluorobenzene (Surr)	101		78 - 120		03/04/21 06:51	1
Dibromofluoromethane (Surr)	99		77 - 120		03/04/21 06:51	1

Client Sample ID: PIN12-01.2102006-080

Date Collected: 02/25/21 14:17

Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-20

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/04/21 07:14	1
Benzene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/04/21 07:14	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/04/21 07:14	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/04/21 07:14	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/04/21 07:14	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/04/21 07:14	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/04/21 07:14	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/04/21 07:14	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/04/21 07:14	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/04/21 07:14	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/04/21 07:14	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/04/21 07:14	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/04/21 07:14	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-080
Date Collected: 02/25/21 14:17
Date Received: 03/02/21 10:30

Lab Sample ID: 280-145902-20
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/04/21 07:14	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/04/21 07:14	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/04/21 07:14	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 07:14	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/04/21 07:14	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/04/21 07:14	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/04/21 07:14	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/04/21 07:14	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/04/21 07:14	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 07:14	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/04/21 07:14	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/04/21 07:14	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/04/21 07:14	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/04/21 07:14	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/04/21 07:14	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/04/21 07:14	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/04/21 07:14	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/04/21 07:14	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Styrene	0.36	U	1.0	0.36	ug/L			03/04/21 07:14	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 07:14	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/04/21 07:14	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/04/21 07:14	1
Toluene	0.17	U	1.0	0.17	ug/L			03/04/21 07:14	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 07:14	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/04/21 07:14	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/04/21 07:14	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/04/21 07:14	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/04/21 07:14	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/04/21 07:14	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/04/21 07:14	1
Vinyl chloride	0.92	J	1.0	0.10	ug/L			03/04/21 07:14	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/04/21 07:14	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/04/21 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		03/04/21 07:14	1
Toluene-d8 (Surr)	104		80 - 125		03/04/21 07:14	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/04/21 07:14	1
Dibromofluoromethane (Surr)	97		77 - 120		03/04/21 07:14	1

Method Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN
8260B SIM	Volatile Organic Compounds (GC/MS-SIM)	SW846	TAL DEN
5030B	Purge and Trap	SW846	TAL DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-145902-1
SDG: PIN12-01.2102006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
280-145902-1	PIN12-01.2102006-006	Water	02/26/21 09:19	03/02/21 10:30	
280-145902-2	PIN12-01.2102006-007	Water	02/26/21 09:58	03/02/21 10:30	
280-145902-3	PIN12-01.2102006-008	Water	02/26/21 10:30	03/02/21 10:30	
280-145902-4	PIN12-01.2102006-009	Water	02/26/21 11:34	03/02/21 10:30	
280-145902-5	PIN12-01.2102006-010	Water	02/26/21 14:19	03/02/21 10:30	
280-145902-6	PIN12-01.2102006-011	Water	02/26/21 15:09	03/02/21 10:30	
280-145902-7	PIN12-01.2102006-012	Water	02/25/21 14:57	03/02/21 10:30	
280-145902-8	PIN12-01.2102006-013	Water	02/25/21 15:30	03/02/21 10:30	
280-145902-9	PIN12-01.2102006-014	Water	02/25/21 11:35	03/02/21 10:30	
280-145902-10	PIN12-01.2102006-015	Water	02/25/21 09:31	03/02/21 10:30	
280-145902-11	PIN12-01.2102006-016	Water	02/25/21 10:05	03/02/21 10:30	
280-145902-12	PIN12-01.2102006-017	Water	02/25/21 10:54	03/02/21 10:30	
280-145902-13	PIN12-01.2102006-018	Water	02/24/21 14:57	03/02/21 10:30	
280-145902-14	PIN12-01.2102006-019	Water	02/24/21 15:36	03/02/21 10:30	
280-145902-15	PIN12-01.2102006-063	Water	02/25/21 12:32	03/02/21 10:30	
280-145902-16	PIN12-01.2102006-064	Water	02/25/21 13:00	03/02/21 10:30	
280-145902-17	PIN12-01.2102006-067	Water	02/24/21 11:06	03/02/21 10:30	
280-145902-18	PIN12-01.2102006-078	Water	02/25/21 16:10	03/02/21 10:30	
280-145902-19	PIN12-01.2102006-079	Water	02/26/21 13:43	03/02/21 10:30	
280-145902-20	PIN12-01.2102006-080	Water	02/25/21 14:17	03/02/21 10:30	

Shipping and Receiving Documents



Chain of Custody / Sample Submittal Form

Task Code: **PIN12-01.2102006**

COC ID: PIN12-01.2102006-COC.1

TURNAROUND TIME: 28

PROJECT INFORMATION

LABORATORY

SAMPLING / SHIPPING

Facility Name: Industrial Drain Leaks Bldg 100
 Project Number: I.101.1.06.509.2.01
 Project Name: Pinellas Bldg 100 Monitoring

Lab Name: Eurofins TestAmerica Denver
 Address: 4955 Yarrow Street
 City: Arvada State: CO
 Postal Code: 80002
 Phone Number: 303-736-0100
 PO Number:

Shipping Company:
 Tracking Number:
 Cooler Count: 1
 Date Shipped:
 Sampled by: **K. Turner**
 Sampler 2: **J. Bolich**

SAMPLE DETAILS

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont
N12-01.2102006-001	0541	GW			G		4
N12-01.2102006-002	0542	GW			G		4
N12-01.2102006-003	0551-2	GW			G		4
PIN12-01.2102006-004	0554B	GW			G		4
PIN12-01.2102006-005	0554C	GW			G		4
PIN12-01.2102006-006	0565-3	GW	2/26/21	0919	G		4
PIN12-01.2102006-007	0569-1	GW	2/26/21	0958	G		4
PIN12-01.2102006-008	0569-2	GW	2/26/21	1030	G		4
PIN12-01.2102006-009	0569-3	GW	2/26/21	1134	G		4
PIN12-01.2102006-010	0570-2	GW	2/26/21	1419	G		4
PIN12-01.2102006-011	0570-3	GW	2/26/21	1509	G		4
PIN12-01.2102006-012	0572-1	GW	2/25/21	1457	G		4
PIN12-01.2102006-013	0572-2	GW	2/25/21	1530	G		4
PIN12-01.2102006-014	0573-2	GW	2/25/21	1135	G		4

GLASS 40 ML	GLASS 40 ML						
N	N						
4 C. HCl	4 C. HCl	4 C. HCl					
1,4-Dioxane	VOAs	VOAs (6)					
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						
1N	3N						

KMT 3/1/2021



280-145902 Chain of Custody

ADDITIONAL COMMENTS OR INSTRUCTIONS	REFERENCE ISUES	ACCEPTED BY	DATE/TIME
K. Turner / J.M. ... Juliana Caballero / J.M.P. ... St. Relo	3-1-2021 0805 3-01-21 1235 3-1-21 @ 1700	Juliana Caballero / J.M.P. ... St. Relo	3-01-21 0805 3-1-21 1235

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.2

TURNAROUND TIME: 28

PROJECT INFORMATION		LABORATORY		SAMPLING / SHIPPING	
Facility Name	Industrial Drain Leaks Bldg 100	Lab Name:	Eurofins TestAmerica Denver	Shipping Company:	
Project Number	1.101.1.06.509.2.01	Address:	4955 Yarrow Street	Tracking Number:	
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	State:	CO
		Postal Code:	80002	Cooler Count:	1
		Phone Number:	303-736-0100	Date Shipped:	
		PO Number:		Sampled by:	K. Turner
				Sampler 2:	J. Bolich

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-015	0574-1	GW	2-25-21	0931	G		4	N	N	
PIN12-01.2102006-016	0574-2	GW	2-25-21	1005	G		4	4 C, HCl	4 C, HCl	4 C, HCl
PIN12-01.2102006-017	0574-3	GW	2-25-21	1054	G		4	1,4-Dioxane	VOAs	VOAs (6)
PIN12-01.2102006-018	0575-1	GW	2-24-21	1457	G		4			
PIN12-01.2102006-019	0575-2	GW	2-24-21	1536	G		4			
PIN12-01.2102006-020	0576-1	GW			G		4			
PIN12-01.2102006-021	0576-2	GW			G		4			
PIN12-01.2102006-022	0576-3	GW			G		4			
PIN12-01.2102006-023	0580-2	GW			G		4			
PIN12-01.2102006-024	0580-3	GW			G		4			
PIN12-01.2102006-025	0581-1	GW			G		4			
PIN12-01.2102006-026	0581-2	GW			G		4			
PIN12-01.2102006-027	0581-3	GW			G		4			
PIN12-01.2102006-028	0582-1	GW			G		4			

ADDITIONAL COMMENTS / SPECIAL INSTRUCTIONS	DATE/TIME	SIGNATURE	DATE/TIME
	3-1-2021 0805	K. Turner / JRM	Julien Caballero / JRM
	3-01-21 1235	AT Roll	3-01-21 0805
	3-1-21 e 1700		3-1-21 1235

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006	COC ID: PIN12-01.2102006-COC.5	TURNAROUND TIME: 28
PROJECT INFORMATION		LABORATORY
Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	SAMPLING / SHIPPING
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Shipping Company:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Tracking Number:
	Postal Code: 80002	Cooler Count: 1
	Phone Number: 303-736-0100	Date Shipped:
	PO Number:	Sampled by: <i>K. Turner</i>
		Sampler 2: <i>J. Bolich</i>

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML			1,4-Dioxane	VOAs	VOAs (6)	Lab, FI, Field & Lab, N: None
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML				
PIN12-01.2102006-057	S71B	GW			G		4	1 N	3 N	3 N				
PIN12-01.2102006-058	S71C	GW			G		4	1 N	3 N	3 N				
PIN12-01.2102006-059	S71D	GW			G		4	1 N	3 N	3 N				
PIN12-01.2102006-060	S73B	GW			G		4	1 N	3 N	3 N				
PIN12-01.2102006-061	S73C	GW			G		4	1 N	3 N	3 N				
PIN12-01.2102006-062	2198	GW			G		7	1 N		6 N				
PIN12-01.2102006-063	2199	GW	2/25/21	1232	G		7	1 N		6 N				
PIN12-01.2102006-064	2200	GW	2/25/21	1300	G		7	1 N		6 N				
PIN12-01.2102006-065	2201	GW			G		7	1 N		6 N				
PIN12-01.2102006-066	2202	GW			G		7	1 N		6 N				
PIN12-01.2102006-067	2203	WATER	2/24/21	1106	G		4	1 N	3 N	3 N				
PIN12-01.2102006-068	2204	WATER			G		4	1 N	3 N	3 N				
PIN12-01.2102006-069	2205	WATER			G		4	1 N	3 N	3 N				
PIN12-01.2102006-070	2206	WATER			G		4	1 N	3 N	3 N				

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELEASED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	<i>K. Turner</i>	3-1-2021 0805	<i>Juliana Caballero / Qui P. L.</i>	3-01-21 0805
	<i>Juliana Caballero / Qui P. L.</i>	3-01-21 1235	<i>At Rel</i>	3-1-21 1235
	<i>At Rel</i>	3-1-21 @ 1700		

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.6

TURNAROUND TIME: 28

PROJECT INFORMATION			LABORATORY			SAMPLING & SHIPPING	
Facility Name	Industrial Drain Leaks Bldg 100	Lab Name	Eurofins TestAmerica Denver		Shipping Company:		
Project Number	1.101.1.06.509.2.01	Address	4955 Yarrow Street		Tracking Number:		
Project Name	Pinellas Bldg 100 Monitoring	City	Arvada	State	CO	Cooler Count:	1
		Postal Code	80002		Date Shipped:		
		Phone Number	303-736-0100		Sampled by:	K. Turner	
		PO Number:			Sampler 2:	J. Bolich	

SAMPLE DETAILS							ANALYSIS REQUESTED			
Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-071	2207	WATER			G		4	N	N	
PIN12-01.2102006-072	2208	WATER			G		4	4 C, HCl	4 C, HCl	4 C, HCl
PIN12-01.2102006-073	2209	WATER			G		4			
PIN12-01.2102006-074	2210	WATER			G		4			
PIN12-01.2102006-075	0579-2	GW			G		4			
PIN12-01.2102006-076	0554A	GW			G		4			
PIN12-01.2102006-077	0555A	GW			G		4			
PIN12-01.2102006-078	0565-1	GW	2-25-21	1610	G		4	1,4-Dioxane	VOAs	VOAs (6)
PIN12-01.2102006-079	0570-1	GW	2-26-21	1343	G		4			
PIN12-01.2102006-080	0573-3	GW	2-25-21	1417	G		4			
PIN12-01.2102006-081	0577-2	GW			G		4			
PIN12-01.2102006-082	0577-3	GW			G		4			
PIN12-01.2102006-083	0578-3	GW			G		4			
PIN12-01.2102006-084	0580-1	GW			G		4			

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KMT 3/1/2021

KMT 3/1/2021

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	REFUSED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	K. Turner / [Signature]	3-1-2021 0805	Julian Gabellero / [Signature]	3-01-21 0805
	Julian Gabellero / [Signature]	3-21-21	[Signature]	3-1-21 1235
	[Signature]	3-1-21 @ 1700	[Signature]	

Login Sample Receipt Checklist

Client: Navarro Research and Engineering, Inc

Job Number: 280-145902-1
SDG Number: PIN12-01.2102006

Login Number: 145902
List Number: 1
Creator: O'Hara, Jake F

List Source: Eurofins TestAmerica, Denver

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 280-146016-1

SDG Number: PIN12-01.2102006

Job Description: Pinellas Bldg 100 Monitoring

For:

Navarro Research and Engineering, Inc
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Stephanie K Rothmeyer
Project Manager I
3/15/2021 2:33 PM

Designee for
Donna R Rydberg, Senior Project Manager
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0192
Donna.Rydberg@Eurofinset.com
03/15/2021

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Denver
4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Definitions/Glossary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
N	MS and/or MSD recovery exceeds control limits.
N	LCS, LCSD: Recovery exceeds upper or lower control limits.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Navarro Research and Engineering, Inc

Project: Pinellas Bldg 100 Monitoring

Report Number: 280-146016-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/4/2021 at 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2° C and 2.6° C.

Receipt Exceptions

Six VOA vials were provided for samples PIN12-01.2102006-065 (280-146016-22) and PIN12-01.2102006-066 (280-146016-23) for 8260B VOA analysis. Both samples were logged for a MS/MSD for 8260B VOA analysis or the extra volume received.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples PIN12-01.2102006-029 (280-146016-1), PIN12-01.2102006-030 (280-146016-2), PIN12-01.2102006-031 (280-146016-3), PIN12-01.2102006-032 (280-146016-4), PIN12-01.2102006-034 (280-146016-6), PIN12-01.2102006-035 (280-146016-7), PIN12-01.2102006-036 (280-146016-8), PIN12-01.2102006-037 (280-146016-9), PIN12-01.2102006-038 (280-146016-10), PIN12-01.2102006-001 (280-146016-12), PIN12-01.2102006-002 (280-146016-13), PIN12-01.2102006-025 (280-146016-14), PIN12-01.2102006-026 (280-146016-15), PIN12-01.2102006-027 (280-146016-16), PIN12-01.2102006-028 (280-146016-17), PIN12-01.2102006-049 (280-146016-18), PIN12-01.2102006-050 (280-146016-19), PIN12-01.2102006-060 (280-146016-20), PIN12-01.2102006-061 (280-146016-21), PIN12-01.2102006-065 (280-146016-22), PIN12-01.2102006-066 (280-146016-23) and PIN12-01.2102006-070 (280-146016-24) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/06/2021 and 03/10/2021.

The continuing calibration verification (CCV) associated with batch 280-528253 recovered above the upper control limit for Acetone & 1,2-Dichloroethane. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data have been reported.

The laboratory control sample and laboratory control sample duplicate for batch 280-528253 recovered outside control limits for 1,2-Dichloroethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-528253. An LCSD was analyzed to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GC-MS SIM)

Samples PIN12-01.2102006-029 (280-146016-1), PIN12-01.2102006-030 (280-146016-2), PIN12-01.2102006-031 (280-146016-3), PIN12-01.2102006-032 (280-146016-4), PIN12-01.2102006-034 (280-146016-6), PIN12-01.2102006-035 (280-146016-7), PIN12-01.2102006-036 (280-146016-8), PIN12-01.2102006-037 (280-146016-9), PIN12-01.2102006-038 (280-146016-10), PIN12-01.2102006-001 (280-146016-12), PIN12-01.2102006-002 (280-146016-13), PIN12-01.2102006-025 (280-146016-14), PIN12-01.2102006-026 (280-146016-15), PIN12-01.2102006-027 (280-146016-16), PIN12-01.2102006-028 (280-146016-17), PIN12-01.2102006-049 (280-146016-18), PIN12-01.2102006-050 (280-146016-19), PIN12-01.2102006-060 (280-146016-20), PIN12-01.2102006-061 (280-146016-21), PIN12-01.2102006-065 (280-146016-22), PIN12-01.2102006-066 (280-146016-23) and PIN12-01.2102006-070 (280-146016-24) were analyzed for volatile organic compounds (GC-MS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 03/10/2021.

1,4-Dioxane failed the recovery criteria high for the MS of sample 280-145922-2 in batch 280-528528. Refer to the QC report for details.

Sample PIN12-01.2102006-026 (280-146016-15)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-528694. An LCS/LCSD pair was analyzed to provide batch precision and accuracy.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-029

Lab Sample ID: 280-146016-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	42		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	3.6		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.3		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	39		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-030

Lab Sample ID: 280-146016-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	16		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	0.49	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-031

Lab Sample ID: 280-146016-3

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.47	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	0.85	J	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-032

Lab Sample ID: 280-146016-4

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.7		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	1.7		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.8		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.4		1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-034

Lab Sample ID: 280-146016-6

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-035

Lab Sample ID: 280-146016-7

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.80	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	0.44	J	1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	0.17	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-036

Lab Sample ID: 280-146016-8

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.6		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Acetone	48		10	1.9	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	25		5.0	2.0	ug/L	1		8260B	Total/NA
Toluene	0.65	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-037

Lab Sample ID: 280-146016-9

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA
trans-1,2-Dichloroethene	1.4		1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	0.39	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	11		1.0	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-038

Lab Sample ID: 280-146016-10

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.0		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Acetone	19		10	1.9	ug/L	1		8260B	Total/NA
Benzene	0.92	J	1.0	0.16	ug/L	1		8260B	Total/NA
Carbon disulfide	0.60	J	1.0	0.17	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	36		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	9.0		1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	2.6		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	110		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-001

Lab Sample ID: 280-146016-12

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	19		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	17		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.2		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.4		1.0	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.75	J	1.0	0.23	ug/L	1		8260B	Total/NA
Vinyl chloride	18		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-002

Lab Sample ID: 280-146016-13

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	22		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	19		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.1		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.5		1.0	0.23	ug/L	1		8260B	Total/NA
Vinyl chloride	16		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-025

Lab Sample ID: 280-146016-14

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	8.4		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	1.9		1.0	0.22	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.44	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	3.9		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-026

Lab Sample ID: 280-146016-15

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	130		1.4	2.7	ug/L	10		8260B SIM	Total/NA
1,1-Dichloroethane	31		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.8		1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	0.32	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	54		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-027

Lab Sample ID: 280-146016-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.2		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	2.3		1.0	0.22	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-028

Lab Sample ID: 280-146016-17

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	11		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	1.0		1.0	0.22	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.0		1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	0.27	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-049

Lab Sample ID: 280-146016-18

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.37	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-050

Lab Sample ID: 280-146016-19

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.9		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	0.25	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-060

Lab Sample ID: 280-146016-20

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.44	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-061

Lab Sample ID: 280-146016-21

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	1.4		1.0	0.22	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.59	J	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-065

Lab Sample ID: 280-146016-22

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.94	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	0.40	J	1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	0.21	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	9.4		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-066

Lab Sample ID: 280-146016-23

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.0		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Toluene	0.28	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-070

Lab Sample ID: 280-146016-24

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.45	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-029

Date Collected: 03/02/21 09:04

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-1

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	42		1.4	0.27	ug/L			03/10/21 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/10/21 01:58	1

Client Sample ID: PIN12-01.2102006-030

Date Collected: 03/02/21 09:59

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-2

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	16		1.4	0.27	ug/L			03/10/21 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 02:20	1

Client Sample ID: PIN12-01.2102006-031

Date Collected: 03/02/21 11:16

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-3

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.47	J	1.4	0.27	ug/L			03/10/21 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/10/21 02:42	1

Client Sample ID: PIN12-01.2102006-032

Date Collected: 03/02/21 13:33

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-4

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.7		1.4	0.27	ug/L			03/10/21 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 03:04	1

Client Sample ID: PIN12-01.2102006-034

Date Collected: 03/02/21 14:17

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1	J	1.4	0.27	ug/L			03/10/21 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/10/21 03:26	1

Client Sample ID: PIN12-01.2102006-035

Date Collected: 03/02/21 15:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.80	J	1.4	0.27	ug/L			03/10/21 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/10/21 03:48	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-036

Date Collected: 03/02/21 16:22

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.6		1.4	0.27	ug/L			03/10/21 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/10/21 04:10	1

Client Sample ID: PIN12-01.2102006-037

Date Collected: 03/03/21 09:18

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.4	0.27	ug/L			03/10/21 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/10/21 04:32	1

Client Sample ID: PIN12-01.2102006-038

Date Collected: 03/03/21 10:03

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-10

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.0		1.4	0.27	ug/L			03/10/21 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/10/21 04:54	1

Client Sample ID: PIN12-01.2102006-001

Date Collected: 03/01/21 09:58

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	19		1.4	0.27	ug/L			03/10/21 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 05:17	1

Client Sample ID: PIN12-01.2102006-002

Date Collected: 03/01/21 10:26

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-13

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	22		1.4	0.27	ug/L			03/10/21 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/10/21 05:39	1

Client Sample ID: PIN12-01.2102006-025

Date Collected: 03/01/21 14:21

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-14

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	8.4		1.4	0.27	ug/L			03/10/21 06:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 06:01	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-026
Date Collected: 03/01/21 15:02
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-15
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	130		14	2.7	ug/L			03/10/21 17:29	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127					03/10/21 17:29	10

Client Sample ID: PIN12-01.2102006-027
Date Collected: 03/01/21 15:37
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-16
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.2		1.4	0.27	ug/L			03/10/21 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/10/21 17:51	1

Client Sample ID: PIN12-01.2102006-028
Date Collected: 03/01/21 16:26
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-17
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		1.4	0.27	ug/L			03/10/21 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 18:13	1

Client Sample ID: PIN12-01.2102006-049
Date Collected: 03/03/21 11:16
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-18
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.37	J	1.4	0.27	ug/L			03/10/21 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127					03/10/21 18:35	1

Client Sample ID: PIN12-01.2102006-050
Date Collected: 03/03/21 11:57
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-19
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.9		1.4	0.27	ug/L			03/10/21 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 18:57	1

Client Sample ID: PIN12-01.2102006-060
Date Collected: 03/01/21 11:04
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-20
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.44	J	1.4	0.27	ug/L			03/10/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127					03/10/21 19:19	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-061

Date Collected: 03/01/21 11:35

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-21

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.5		1.4	0.27	ug/L			03/10/21 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 19:41	1

Client Sample ID: PIN12-01.2102006-065

Date Collected: 03/02/21 16:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-22

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.94	J	1.4	0.27	ug/L			03/10/21 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 20:03	1

Client Sample ID: PIN12-01.2102006-066

Date Collected: 03/03/21 12:01

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-23

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.0		1.4	0.27	ug/L			03/10/21 20:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 20:25	1

Client Sample ID: PIN12-01.2102006-070

Date Collected: 03/01/21 09:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-24

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.45	J	1.4	0.27	ug/L			03/10/21 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/10/21 17:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-029

Date Collected: 03/02/21 09:04

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-1

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 13:42	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 13:42	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 13:42	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 13:42	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 13:42	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 13:42	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 13:42	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-029

Lab Sample ID: 280-146016-1

Date Collected: 03/02/21 09:04

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 13:42	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 13:42	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 13:42	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 13:42	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 13:42	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 13:42	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 13:42	1
1,1-Dichloroethane	3.6		1.0	0.22	ug/L			03/06/21 13:42	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 13:42	1
cis-1,2-Dichloroethene	1.3		1.0	0.15	ug/L			03/06/21 13:42	1
trans-1,2-Dichloroethene	4.3		1.0	0.15	ug/L			03/06/21 13:42	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 13:42	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 13:42	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 13:42	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 13:42	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 13:42	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 13:42	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 13:42	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 13:42	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 13:42	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 13:42	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 13:42	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 13:42	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 13:42	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 13:42	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 13:42	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 13:42	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 13:42	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 13:42	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 13:42	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 13:42	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 13:42	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 13:42	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 13:42	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 13:42	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 13:42	1
Vinyl chloride	39		1.0	0.10	ug/L			03/06/21 13:42	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 13:42	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 13:42	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127		03/06/21 13:42	1
Toluene-d8 (Surr)	105		80 - 125		03/06/21 13:42	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/06/21 13:42	1
Dibromofluoromethane (Surr)	97		77 - 120		03/06/21 13:42	1

Client Sample ID: PIN12-01.2102006-030

Lab Sample ID: 280-146016-2

Date Collected: 03/02/21 09:59

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 14:04	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 14:04	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 14:04	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:04	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 14:04	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 14:04	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 14:04	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 14:04	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 14:04	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 14:04	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 14:04	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 14:04	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 14:04	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 14:04	1
1,1-Dichloroethane	0.49	J	1.0	0.22	ug/L			03/06/21 14:04	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 14:04	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 14:04	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 14:04	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 14:04	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 14:04	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 14:04	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 14:04	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 14:04	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 14:04	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 14:04	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 14:04	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 14:04	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 14:04	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 14:04	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-030

Date Collected: 03/02/21 09:59

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-2

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 14:04	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 14:04	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 14:04	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:04	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:04	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 14:04	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 14:04	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 14:04	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 14:04	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 14:04	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 14:04	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 14:04	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 14:04	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:04	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 14:04	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 14:04	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	102		70 - 127		03/06/21 14:04	1
<i>Toluene-d8 (Surr)</i>	105		80 - 125		03/06/21 14:04	1
<i>4-Bromofluorobenzene (Surr)</i>	106		78 - 120		03/06/21 14:04	1
<i>Dibromofluoromethane (Surr)</i>	94		77 - 120		03/06/21 14:04	1

Client Sample ID: PIN12-01.2102006-031

Date Collected: 03/02/21 11:16

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-3

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 14:27	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 14:27	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 14:27	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:27	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 14:27	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 14:27	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 14:27	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 14:27	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 14:27	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-031

Date Collected: 03/02/21 11:16

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-3

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 14:27	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 14:27	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 14:27	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 14:27	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 14:27	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 14:27	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 14:27	1
cis-1,2-Dichloroethene	0.85	J	1.0	0.15	ug/L			03/06/21 14:27	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 14:27	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 14:27	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 14:27	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 14:27	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 14:27	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 14:27	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 14:27	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 14:27	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 14:27	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 14:27	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 14:27	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 14:27	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 14:27	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 14:27	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 14:27	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:27	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:27	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 14:27	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 14:27	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 14:27	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 14:27	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 14:27	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 14:27	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 14:27	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 14:27	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:27	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 14:27	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 14:27	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		03/06/21 14:27	1
Toluene-d8 (Surr)	108		80 - 125		03/06/21 14:27	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/06/21 14:27	1
Dibromofluoromethane (Surr)	95		77 - 120		03/06/21 14:27	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-032

Date Collected: 03/02/21 13:33

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-4

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 14:50	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 14:50	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 14:50	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:50	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 14:50	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 14:50	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 14:50	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 14:50	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 14:50	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 14:50	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 14:50	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 14:50	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 14:50	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 14:50	1
1,1-Dichloroethane	1.7		1.0	0.22	ug/L			03/06/21 14:50	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 14:50	1
cis-1,2-Dichloroethene	6.8		1.0	0.15	ug/L			03/06/21 14:50	1
trans-1,2-Dichloroethene	2.4		1.0	0.15	ug/L			03/06/21 14:50	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 14:50	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 14:50	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 14:50	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 14:50	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 14:50	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 14:50	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 14:50	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 14:50	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 14:50	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 14:50	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 14:50	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 14:50	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 14:50	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 14:50	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:50	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 14:50	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-032
Date Collected: 03/02/21 13:33
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 14:50	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 14:50	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 14:50	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 14:50	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 14:50	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 14:50	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 14:50	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 14:50	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 14:50	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 14:50	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 14:50	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127		03/06/21 14:50	1
Toluene-d8 (Surr)	104		80 - 125		03/06/21 14:50	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/06/21 14:50	1
Dibromofluoromethane (Surr)	96		77 - 120		03/06/21 14:50	1

Client Sample ID: PIN12-01.2102006-034
Date Collected: 03/02/21 14:17
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-6
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 15:12	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 15:12	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 15:12	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:12	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 15:12	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 15:12	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 15:12	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 15:12	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 15:12	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 15:12	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 15:12	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 15:12	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 15:12	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-034
Date Collected: 03/02/21 14:17
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-6
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 15:12	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 15:12	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 15:12	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 15:12	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 15:12	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 15:12	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 15:12	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 15:12	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 15:12	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 15:12	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 15:12	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 15:12	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 15:12	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 15:12	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 15:12	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 15:12	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 15:12	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 15:12	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 15:12	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:12	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:12	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 15:12	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 15:12	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 15:12	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 15:12	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 15:12	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 15:12	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 15:12	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 15:12	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:12	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 15:12	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 15:12	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/06/21 15:12	1
Toluene-d8 (Surr)	106		80 - 125		03/06/21 15:12	1
4-Bromofluorobenzene (Surr)	106		78 - 120		03/06/21 15:12	1
Dibromofluoromethane (Surr)	94		77 - 120		03/06/21 15:12	1

Client Sample ID: PIN12-01.2102006-035
Date Collected: 03/02/21 15:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-7
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 15:35	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-035

Lab Sample ID: 280-146016-7

Date Collected: 03/02/21 15:00

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 15:35	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 15:35	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:35	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 15:35	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 15:35	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 15:35	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 15:35	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 15:35	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 15:35	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 15:35	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:35	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 15:35	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 15:35	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 15:35	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 15:35	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 15:35	1
cis-1,2-Dichloroethene	0.44	J	1.0	0.15	ug/L			03/06/21 15:35	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 15:35	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 15:35	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 15:35	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 15:35	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 15:35	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 15:35	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 15:35	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 15:35	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 15:35	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 15:35	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 15:35	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 15:35	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 15:35	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 15:35	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 15:35	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:35	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:35	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 15:35	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-035

Date Collected: 03/02/21 15:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.17	J	1.0	0.17	ug/L			03/06/21 15:35	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 15:35	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 15:35	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 15:35	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 15:35	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 15:35	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 15:35	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:35	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 15:35	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 15:35	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	105		70 - 127		03/06/21 15:35	1
<i>Toluene-d8 (Surr)</i>	104		80 - 125		03/06/21 15:35	1
<i>4-Bromofluorobenzene (Surr)</i>	106		78 - 120		03/06/21 15:35	1
<i>Dibromofluoromethane (Surr)</i>	95		77 - 120		03/06/21 15:35	1

Client Sample ID: PIN12-01.2102006-036

Date Collected: 03/02/21 16:22

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	48		10	1.9	ug/L			03/06/21 15:58	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 15:58	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 15:58	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:58	1
2-Butanone (MEK)	25		5.0	2.0	ug/L			03/06/21 15:58	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 15:58	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 15:58	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 15:58	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 15:58	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 15:58	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 15:58	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 15:58	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 15:58	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 15:58	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 15:58	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-036

Date Collected: 03/02/21 16:22

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 15:58	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 15:58	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 15:58	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 15:58	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 15:58	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 15:58	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 15:58	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 15:58	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 15:58	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 15:58	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 15:58	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 15:58	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 15:58	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 15:58	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 15:58	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 15:58	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 15:58	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 15:58	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:58	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 15:58	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 15:58	1
Toluene	0.65	J	1.0	0.17	ug/L			03/06/21 15:58	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 15:58	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 15:58	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 15:58	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 15:58	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 15:58	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 15:58	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 15:58	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 15:58	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 15:58	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/06/21 15:58	1
Toluene-d8 (Surr)	105		80 - 125		03/06/21 15:58	1
4-Bromofluorobenzene (Surr)	106		78 - 120		03/06/21 15:58	1
Dibromofluoromethane (Surr)	95		77 - 120		03/06/21 15:58	1

Client Sample ID: PIN12-01.2102006-037

Date Collected: 03/03/21 09:18

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 16:20	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-037

Lab Sample ID: 280-146016-9

Date Collected: 03/03/21 09:18

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 16:20	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 16:20	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 16:20	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 16:20	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 16:20	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 16:20	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 16:20	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 16:20	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 16:20	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 16:20	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 16:20	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 16:20	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 16:20	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 16:20	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 16:20	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 16:20	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 16:20	1
trans-1,2-Dichloroethene	1.4		1.0	0.15	ug/L			03/06/21 16:20	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 16:20	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 16:20	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 16:20	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 16:20	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 16:20	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 16:20	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 16:20	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 16:20	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 16:20	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 16:20	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 16:20	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 16:20	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 16:20	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 16:20	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 16:20	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 16:20	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 16:20	1
Toluene	0.39	J	1.0	0.17	ug/L			03/06/21 16:20	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-037
Date Collected: 03/03/21 09:18
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-9
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 16:20	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 16:20	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 16:20	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 16:20	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 16:20	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 16:20	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:20	1
Vinyl chloride	11		1.0	0.10	ug/L			03/06/21 16:20	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 16:20	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/06/21 16:20	1
Toluene-d8 (Surr)	104		80 - 125					03/06/21 16:20	1
4-Bromofluorobenzene (Surr)	105		78 - 120					03/06/21 16:20	1
Dibromofluoromethane (Surr)	97		77 - 120					03/06/21 16:20	1

Client Sample ID: PIN12-01.2102006-038
Date Collected: 03/03/21 10:03
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-10
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	19		10	1.9	ug/L			03/06/21 16:43	1
Benzene	0.92	J	1.0	0.16	ug/L			03/06/21 16:43	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 16:43	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 16:43	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 16:43	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 16:43	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 16:43	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Carbon disulfide	0.60	J	1.0	0.17	ug/L			03/06/21 16:43	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 16:43	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 16:43	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 16:43	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 16:43	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 16:43	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 16:43	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 16:43	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 16:43	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 16:43	1
1,1-Dichloroethane	1.1		1.0	0.22	ug/L			03/06/21 16:43	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-038

Lab Sample ID: 280-146016-10

Date Collected: 03/03/21 10:03

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 16:43	1
cis-1,2-Dichloroethene	36		1.0	0.15	ug/L			03/06/21 16:43	1
trans-1,2-Dichloroethene	9.0		1.0	0.15	ug/L			03/06/21 16:43	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 16:43	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 16:43	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 16:43	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 16:43	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 16:43	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 16:43	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 16:43	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 16:43	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 16:43	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 16:43	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 16:43	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 16:43	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 16:43	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 16:43	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 16:43	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 16:43	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 16:43	1
Toluene	2.6		1.0	0.17	ug/L			03/06/21 16:43	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 16:43	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 16:43	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 16:43	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 16:43	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 16:43	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 16:43	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 16:43	1
Vinyl chloride	110		1.0	0.10	ug/L			03/06/21 16:43	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 16:43	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/06/21 16:43	1
Toluene-d8 (Surr)	106		80 - 125		03/06/21 16:43	1
4-Bromofluorobenzene (Surr)	107		78 - 120		03/06/21 16:43	1
Dibromofluoromethane (Surr)	96		77 - 120		03/06/21 16:43	1

Client Sample ID: PIN12-01.2102006-001

Lab Sample ID: 280-146016-12

Date Collected: 03/01/21 09:58

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 17:05	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-001

Lab Sample ID: 280-146016-12

Date Collected: 03/01/21 09:58

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 17:05	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 17:05	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:05	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 17:05	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 17:05	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 17:05	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 17:05	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 17:05	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 17:05	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 17:05	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 17:05	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 17:05	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 17:05	1
1,1-Dichloroethane	17		1.0	0.22	ug/L			03/06/21 17:05	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 17:05	1
cis-1,2-Dichloroethene	4.2		1.0	0.15	ug/L			03/06/21 17:05	1
trans-1,2-Dichloroethene	1.4		1.0	0.15	ug/L			03/06/21 17:05	1
1,1-Dichloroethene	0.75	J	1.0	0.23	ug/L			03/06/21 17:05	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 17:05	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 17:05	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 17:05	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 17:05	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 17:05	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 17:05	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 17:05	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 17:05	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 17:05	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 17:05	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 17:05	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 17:05	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 17:05	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:05	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:05	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 17:05	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 17:05	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 17:05	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-001
Date Collected: 03/01/21 09:58
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-12
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 17:05	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 17:05	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 17:05	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 17:05	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 17:05	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:05	1
Vinyl chloride	18		1.0	0.10	ug/L			03/06/21 17:05	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 17:05	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127					03/06/21 17:05	1
Toluene-d8 (Surr)	103		80 - 125					03/06/21 17:05	1
4-Bromofluorobenzene (Surr)	108		78 - 120					03/06/21 17:05	1
Dibromofluoromethane (Surr)	96		77 - 120					03/06/21 17:05	1

Client Sample ID: PIN12-01.2102006-002
Date Collected: 03/01/21 10:26
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-13
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 17:28	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 17:28	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 17:28	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:28	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 17:28	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 17:28	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 17:28	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 17:28	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 17:28	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 17:28	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 17:28	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 17:28	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 17:28	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 17:28	1
1,1-Dichloroethane	19		1.0	0.22	ug/L			03/06/21 17:28	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 17:28	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-002
Date Collected: 03/01/21 10:26
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-13
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	6.1		1.0	0.15	ug/L			03/06/21 17:28	1
trans-1,2-Dichloroethene	1.2		1.0	0.15	ug/L			03/06/21 17:28	1
1,1-Dichloroethene	1.5		1.0	0.23	ug/L			03/06/21 17:28	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 17:28	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 17:28	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 17:28	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 17:28	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 17:28	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 17:28	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 17:28	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 17:28	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 17:28	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 17:28	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 17:28	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 17:28	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 17:28	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:28	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:28	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 17:28	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 17:28	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 17:28	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 17:28	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 17:28	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 17:28	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 17:28	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 17:28	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:28	1
Vinyl chloride	16		1.0	0.10	ug/L			03/06/21 17:28	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 17:28	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	107		70 - 127		03/06/21 17:28	1
<i>Toluene-d8 (Surr)</i>	105		80 - 125		03/06/21 17:28	1
<i>4-Bromofluorobenzene (Surr)</i>	105		78 - 120		03/06/21 17:28	1
<i>Dibromofluoromethane (Surr)</i>	95		77 - 120		03/06/21 17:28	1

Client Sample ID: PIN12-01.2102006-025
Date Collected: 03/01/21 14:21
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-14
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 17:51	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 17:51	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-025

Lab Sample ID: 280-146016-14

Date Collected: 03/01/21 14:21

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 17:51	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:51	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 17:51	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 17:51	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 17:51	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 17:51	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 17:51	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 17:51	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 17:51	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 17:51	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 17:51	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 17:51	1
1,1-Dichloroethane	1.9		1.0	0.22	ug/L			03/06/21 17:51	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 17:51	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 17:51	1
trans-1,2-Dichloroethene	0.44	J	1.0	0.15	ug/L			03/06/21 17:51	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 17:51	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 17:51	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 17:51	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 17:51	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 17:51	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 17:51	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 17:51	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 17:51	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 17:51	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 17:51	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 17:51	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 17:51	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 17:51	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 17:51	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:51	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 17:51	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 17:51	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 17:51	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 17:51	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 17:51	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-025

Date Collected: 03/01/21 14:21

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-14

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 17:51	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 17:51	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 17:51	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 17:51	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 17:51	1
Vinyl chloride	3.9		1.0	0.10	ug/L			03/06/21 17:51	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 17:51	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127		03/06/21 17:51	1
Toluene-d8 (Surr)	107		80 - 125		03/06/21 17:51	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/06/21 17:51	1
Dibromofluoromethane (Surr)	96		77 - 120		03/06/21 17:51	1

Client Sample ID: PIN12-01.2102006-026

Date Collected: 03/01/21 15:02

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 18:13	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 18:13	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 18:13	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:13	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 18:13	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 18:13	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 18:13	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 18:13	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 18:13	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 18:13	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 18:13	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:13	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 18:13	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 18:13	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 18:13	1
1,1-Dichloroethane	31		1.0	0.22	ug/L			03/06/21 18:13	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 18:13	1
cis-1,2-Dichloroethane	1.0		1.0	0.15	ug/L			03/06/21 18:13	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-026

Date Collected: 03/01/21 15:02

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	5.8		1.0	0.15	ug/L			03/06/21 18:13	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 18:13	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 18:13	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 18:13	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 18:13	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 18:13	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 18:13	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 18:13	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 18:13	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 18:13	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 18:13	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 18:13	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 18:13	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 18:13	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 18:13	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:13	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:13	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 18:13	1
Toluene	0.32	J	1.0	0.17	ug/L			03/06/21 18:13	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 18:13	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 18:13	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 18:13	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 18:13	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 18:13	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 18:13	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:13	1
Vinyl chloride	54		1.0	0.10	ug/L			03/06/21 18:13	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 18:13	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	102		70 - 127					03/06/21 18:13	1
<i>Toluene-d8 (Surr)</i>	105		80 - 125					03/06/21 18:13	1
<i>4-Bromofluorobenzene (Surr)</i>	105		78 - 120					03/06/21 18:13	1
<i>Dibromofluoromethane (Surr)</i>	95		77 - 120					03/06/21 18:13	1

Client Sample ID: PIN12-01.2102006-027

Date Collected: 03/01/21 15:37

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-16

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 18:36	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 18:36	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-027

Lab Sample ID: 280-146016-16

Date Collected: 03/01/21 15:37

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 18:36	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:36	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 18:36	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 18:36	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 18:36	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 18:36	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 18:36	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 18:36	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 18:36	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 18:36	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 18:36	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 18:36	1
1,1-Dichloroethane	2.3		1.0	0.22	ug/L			03/06/21 18:36	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 18:36	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 18:36	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 18:36	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 18:36	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 18:36	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 18:36	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 18:36	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 18:36	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 18:36	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 18:36	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 18:36	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 18:36	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 18:36	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 18:36	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 18:36	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 18:36	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 18:36	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:36	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:36	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 18:36	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 18:36	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 18:36	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 18:36	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-027
Date Collected: 03/01/21 15:37
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-16
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 18:36	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 18:36	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 18:36	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 18:36	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:36	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 18:36	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 18:36	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 18:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/06/21 18:36	1
Toluene-d8 (Surr)	103		80 - 125					03/06/21 18:36	1
4-Bromofluorobenzene (Surr)	105		78 - 120					03/06/21 18:36	1
Dibromofluoromethane (Surr)	96		77 - 120					03/06/21 18:36	1

Client Sample ID: PIN12-01.2102006-028
Date Collected: 03/01/21 16:26
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-17
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 18:59	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 18:59	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 18:59	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:59	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 18:59	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 18:59	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 18:59	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 18:59	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 18:59	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 18:59	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 18:59	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 18:59	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 18:59	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 18:59	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 18:59	1
1,1-Dichloroethane	1.0		1.0	0.22	ug/L			03/06/21 18:59	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 18:59	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 18:59	1
trans-1,2-Dichloroethene	2.0		1.0	0.15	ug/L			03/06/21 18:59	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-028

Date Collected: 03/01/21 16:26

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-17

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 18:59	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 18:59	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 18:59	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 18:59	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 18:59	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 18:59	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 18:59	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 18:59	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 18:59	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 18:59	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 18:59	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 18:59	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 18:59	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 18:59	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:59	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 18:59	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 18:59	1
Toluene	0.27	J	1.0	0.17	ug/L			03/06/21 18:59	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 18:59	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 18:59	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 18:59	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 18:59	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 18:59	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 18:59	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 18:59	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 18:59	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 18:59	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127		03/06/21 18:59	1
Toluene-d8 (Surr)	105		80 - 125		03/06/21 18:59	1
4-Bromofluorobenzene (Surr)	106		78 - 120		03/06/21 18:59	1
Dibromofluoromethane (Surr)	96		77 - 120		03/06/21 18:59	1

Client Sample ID: PIN12-01.2102006-049

Date Collected: 03/03/21 11:16

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-18

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 19:21	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 19:21	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 19:21	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-049

Lab Sample ID: 280-146016-18

Date Collected: 03/03/21 11:16

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 19:21	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 19:21	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 19:21	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 19:21	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 19:21	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 19:21	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 19:21	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 19:21	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 19:21	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 19:21	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 19:21	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 19:21	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 19:21	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 19:21	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 19:21	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 19:21	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 19:21	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 19:21	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 19:21	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 19:21	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 19:21	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 19:21	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 19:21	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 19:21	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 19:21	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 19:21	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 19:21	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 19:21	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 19:21	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 19:21	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 19:21	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 19:21	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 19:21	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 19:21	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 19:21	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 19:21	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-049
Date Collected: 03/03/21 11:16
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-18
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 19:21	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 19:21	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 19:21	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:21	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 19:21	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 19:21	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127		03/06/21 19:21	1
Toluene-d8 (Surr)	105		80 - 125		03/06/21 19:21	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/06/21 19:21	1
Dibromofluoromethane (Surr)	99		77 - 120		03/06/21 19:21	1

Client Sample ID: PIN12-01.2102006-050
Date Collected: 03/03/21 11:57
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-19
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 19:44	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 19:44	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 19:44	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 19:44	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 19:44	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 19:44	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 19:44	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 19:44	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 19:44	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 19:44	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 19:44	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 19:44	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 19:44	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 19:44	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 19:44	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 19:44	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 19:44	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 19:44	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 19:44	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 19:44	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-050

Date Collected: 03/03/21 11:57

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-19

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 19:44	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 19:44	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 19:44	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 19:44	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 19:44	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 19:44	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 19:44	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 19:44	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 19:44	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 19:44	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 19:44	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 19:44	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 19:44	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 19:44	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 19:44	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 19:44	1
Toluene	0.25	J	1.0	0.17	ug/L			03/06/21 19:44	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 19:44	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 19:44	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 19:44	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 19:44	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 19:44	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 19:44	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 19:44	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 19:44	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 19:44	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/06/21 19:44	1
Toluene-d8 (Surr)	105		80 - 125		03/06/21 19:44	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/06/21 19:44	1
Dibromofluoromethane (Surr)	95		77 - 120		03/06/21 19:44	1

Client Sample ID: PIN12-01.2102006-060

Date Collected: 03/01/21 11:04

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-20

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 20:06	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 20:06	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 20:06	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 20:06	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-060

Lab Sample ID: 280-146016-20

Date Collected: 03/01/21 11:04

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 20:06	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 20:06	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 20:06	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 20:06	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 20:06	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 20:06	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 20:06	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 20:06	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 20:06	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 20:06	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/06/21 20:06	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 20:06	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 20:06	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 20:06	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 20:06	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 20:06	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 20:06	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 20:06	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 20:06	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 20:06	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 20:06	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 20:06	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 20:06	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 20:06	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 20:06	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 20:06	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 20:06	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 20:06	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 20:06	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 20:06	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 20:06	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 20:06	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 20:06	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 20:06	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 20:06	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-060
Date Collected: 03/01/21 11:04
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-20
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 20:06	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 20:06	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 20:06	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:06	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 20:06	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 20:06	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127		03/06/21 20:06	1
Toluene-d8 (Surr)	104		80 - 125		03/06/21 20:06	1
4-Bromofluorobenzene (Surr)	102		78 - 120		03/06/21 20:06	1
Dibromofluoromethane (Surr)	98		77 - 120		03/06/21 20:06	1

Client Sample ID: PIN12-01.2102006-061
Date Collected: 03/01/21 11:35
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-21
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/06/21 20:29	1
Benzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/06/21 20:29	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/06/21 20:29	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/06/21 20:29	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/06/21 20:29	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/06/21 20:29	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/06/21 20:29	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/06/21 20:29	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/06/21 20:29	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/06/21 20:29	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/06/21 20:29	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/06/21 20:29	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/06/21 20:29	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/21 20:29	1
1,1-Dichloroethane	1.4		1.0	0.22	ug/L			03/06/21 20:29	1
1,2-Dichloroethane	0.13	U N	1.0	0.13	ug/L			03/06/21 20:29	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/06/21 20:29	1
trans-1,2-Dichloroethene	0.59	J	1.0	0.15	ug/L			03/06/21 20:29	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/06/21 20:29	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/06/21 20:29	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-061
Date Collected: 03/01/21 11:35
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-21
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/06/21 20:29	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/06/21 20:29	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 20:29	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/06/21 20:29	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/06/21 20:29	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/06/21 20:29	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/06/21 20:29	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/06/21 20:29	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/06/21 20:29	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/06/21 20:29	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/06/21 20:29	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Styrene	0.36	U	1.0	0.36	ug/L			03/06/21 20:29	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 20:29	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/06/21 20:29	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/06/21 20:29	1
Toluene	0.17	U	1.0	0.17	ug/L			03/06/21 20:29	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 20:29	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/21 20:29	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/06/21 20:29	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/06/21 20:29	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/06/21 20:29	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/06/21 20:29	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/06/21 20:29	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/06/21 20:29	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/06/21 20:29	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/06/21 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/06/21 20:29	1
Toluene-d8 (Surr)	106		80 - 125		03/06/21 20:29	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/06/21 20:29	1
Dibromofluoromethane (Surr)	96		77 - 120		03/06/21 20:29	1

Client Sample ID: PIN12-01.2102006-065
Date Collected: 03/02/21 16:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-22
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/10/21 13:03	1
Benzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/10/21 13:03	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/10/21 13:03	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:03	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/10/21 13:03	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-065

Lab Sample ID: 280-146016-22

Date Collected: 03/02/21 16:00

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/10/21 13:03	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/10/21 13:03	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/10/21 13:03	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/10/21 13:03	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/10/21 13:03	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/10/21 13:03	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:03	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/10/21 13:03	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/10/21 13:03	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/21 13:03	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/10/21 13:03	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/10/21 13:03	1
cis-1,2-Dichloroethene	0.40	J	1.0	0.15	ug/L			03/10/21 13:03	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/10/21 13:03	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/10/21 13:03	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/10/21 13:03	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/10/21 13:03	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/10/21 13:03	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/10/21 13:03	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/10/21 13:03	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/10/21 13:03	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/10/21 13:03	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/10/21 13:03	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/10/21 13:03	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/10/21 13:03	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/10/21 13:03	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/10/21 13:03	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Styrene	0.36	U	1.0	0.36	ug/L			03/10/21 13:03	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:03	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:03	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/10/21 13:03	1
Toluene	0.21	J	1.0	0.17	ug/L			03/10/21 13:03	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/21 13:03	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/21 13:03	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/10/21 13:03	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/10/21 13:03	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-065

Date Collected: 03/02/21 16:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-22

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/10/21 13:03	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/10/21 13:03	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:03	1
Vinyl chloride	9.4		1.0	0.10	ug/L			03/10/21 13:03	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/10/21 13:03	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/10/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 127		03/10/21 13:03	1
Toluene-d8 (Surr)	97		80 - 125		03/10/21 13:03	1
4-Bromofluorobenzene (Surr)	98		78 - 120		03/10/21 13:03	1
Dibromofluoromethane (Surr)	101		77 - 120		03/10/21 13:03	1

Client Sample ID: PIN12-01.2102006-066

Date Collected: 03/03/21 12:01

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-23

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/10/21 13:26	1
Benzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/10/21 13:26	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/10/21 13:26	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:26	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/10/21 13:26	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/10/21 13:26	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/10/21 13:26	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/10/21 13:26	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/10/21 13:26	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/10/21 13:26	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/10/21 13:26	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:26	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/10/21 13:26	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/10/21 13:26	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/21 13:26	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/10/21 13:26	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/10/21 13:26	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/10/21 13:26	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/10/21 13:26	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/10/21 13:26	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/10/21 13:26	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/10/21 13:26	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-066
Date Collected: 03/03/21 12:01
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-23
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/10/21 13:26	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/10/21 13:26	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/10/21 13:26	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/10/21 13:26	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/10/21 13:26	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/10/21 13:26	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/10/21 13:26	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/10/21 13:26	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/10/21 13:26	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/10/21 13:26	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Styrene	0.36	U	1.0	0.36	ug/L			03/10/21 13:26	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:26	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:26	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/10/21 13:26	1
Toluene	0.28	J	1.0	0.17	ug/L			03/10/21 13:26	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/21 13:26	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/21 13:26	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/10/21 13:26	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/10/21 13:26	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/10/21 13:26	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/10/21 13:26	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:26	1
Vinyl chloride	1.1		1.0	0.10	ug/L			03/10/21 13:26	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/10/21 13:26	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/10/21 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	98		70 - 127		03/10/21 13:26	1
<i>Toluene-d8 (Surr)</i>	98		80 - 125		03/10/21 13:26	1
<i>4-Bromofluorobenzene (Surr)</i>	97		78 - 120		03/10/21 13:26	1
<i>Dibromofluoromethane (Surr)</i>	102		77 - 120		03/10/21 13:26	1

Client Sample ID: PIN12-01.2102006-070
Date Collected: 03/01/21 09:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146016-24
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/10/21 13:49	1
Benzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/10/21 13:49	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/10/21 13:49	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:49	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/10/21 13:49	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/10/21 13:49	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-070

Lab Sample ID: 280-146016-24

Date Collected: 03/01/21 09:00

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/10/21 13:49	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/10/21 13:49	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/10/21 13:49	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/10/21 13:49	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/10/21 13:49	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/10/21 13:49	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/10/21 13:49	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/21 13:49	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/10/21 13:49	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/10/21 13:49	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/10/21 13:49	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/10/21 13:49	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/10/21 13:49	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/10/21 13:49	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/10/21 13:49	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/10/21 13:49	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/10/21 13:49	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/10/21 13:49	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/10/21 13:49	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/10/21 13:49	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/10/21 13:49	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/10/21 13:49	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/10/21 13:49	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/10/21 13:49	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/10/21 13:49	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Styrene	0.36	U	1.0	0.36	ug/L			03/10/21 13:49	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:49	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/10/21 13:49	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/10/21 13:49	1
Toluene	0.17	U	1.0	0.17	ug/L			03/10/21 13:49	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/21 13:49	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/21 13:49	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/10/21 13:49	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/10/21 13:49	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/10/21 13:49	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-070

Lab Sample ID: 280-146016-24

Date Collected: 03/01/21 09:00

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/10/21 13:49	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/10/21 13:49	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/10/21 13:49	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/10/21 13:49	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/10/21 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		03/10/21 13:49	1
Toluene-d8 (Surr)	97		80 - 125		03/10/21 13:49	1
4-Bromofluorobenzene (Surr)	95		78 - 120		03/10/21 13:49	1
Dibromofluoromethane (Surr)	101		77 - 120		03/10/21 13:49	1

Method Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN
8260B SIM	Volatile Organic Compounds (GC/MS-SIM)	SW846	TAL DEN
5030B	Purge and Trap	SW846	TAL DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146016-1
SDG: PIN12-01.2102006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
280-146016-1	PIN12-01.2102006-029	Water	03/02/21 09:04	03/04/21 10:00	
280-146016-2	PIN12-01.2102006-030	Water	03/02/21 09:59	03/04/21 10:00	
280-146016-3	PIN12-01.2102006-031	Water	03/02/21 11:16	03/04/21 10:00	
280-146016-4	PIN12-01.2102006-032	Water	03/02/21 13:33	03/04/21 10:00	
280-146016-6	PIN12-01.2102006-034	Water	03/02/21 14:17	03/04/21 10:00	
280-146016-7	PIN12-01.2102006-035	Water	03/02/21 15:00	03/04/21 10:00	
280-146016-8	PIN12-01.2102006-036	Water	03/02/21 16:22	03/04/21 10:00	
280-146016-9	PIN12-01.2102006-037	Water	03/03/21 09:18	03/04/21 10:00	
280-146016-10	PIN12-01.2102006-038	Water	03/03/21 10:03	03/04/21 10:00	
280-146016-12	PIN12-01.2102006-001	Water	03/01/21 09:58	03/04/21 10:00	
280-146016-13	PIN12-01.2102006-002	Water	03/01/21 10:26	03/04/21 10:00	
280-146016-14	PIN12-01.2102006-025	Water	03/01/21 14:21	03/04/21 10:00	
280-146016-15	PIN12-01.2102006-026	Water	03/01/21 15:02	03/04/21 10:00	
280-146016-16	PIN12-01.2102006-027	Water	03/01/21 15:37	03/04/21 10:00	
280-146016-17	PIN12-01.2102006-028	Water	03/01/21 16:26	03/04/21 10:00	
280-146016-18	PIN12-01.2102006-049	Water	03/03/21 11:16	03/04/21 10:00	
280-146016-19	PIN12-01.2102006-050	Water	03/03/21 11:57	03/04/21 10:00	
280-146016-20	PIN12-01.2102006-060	Water	03/01/21 11:04	03/04/21 10:00	
280-146016-21	PIN12-01.2102006-061	Water	03/01/21 11:35	03/04/21 10:00	
280-146016-22	PIN12-01.2102006-065	Water	03/02/21 16:00	03/04/21 10:00	
280-146016-23	PIN12-01.2102006-066	Water	03/03/21 12:01	03/04/21 10:00	
280-146016-24	PIN12-01.2102006-070	Water	03/01/21 09:00	03/04/21 10:00	

Shipping and Receiving Documents



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.3

TURNAROUND TIME: 28

PROJECT INFORMATION			LABORATORY			SAMPLING / SHIPPING						
Facility Name:	Industrial Drain Leaks Bldg 100	Lab Name:	Eurofins TestAmerica Denver	Shipping Company:								
Project Number:	1.101.1.06.509.2.01	Address:	4955 Yarrow Street	Tracking Number:								
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	State:	CO	Cooler Count:						
			Postal Code:	80002			Date Shipped:					
			Phone Number:	303-736-0100			Sampled by:					
			PO Number:				Sampler 2:			Kassi Pierre		

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED				
								Filtered	Container	GLASS 40 ML	GLASS 40 ML	4 C. HCl
PIN12-01.2102006-029	0582-2	GW	3-2-2021	904	G		4	1 N	3 N			
PIN12-01.2102006-030	0582-3	GW	3-2-2021	959	G		4	1 N	3 N			
PIN12-01.2102006-031	0583-1	GW	3-2-2021	1110	G		4	1 N	3 N			
PIN12-01.2102006-032	0583-2	GW	3-2-2021	1333	G		4	1 N	3 N			
PIN12-01.2102006-033	0583-3	GW	3-2-2021	NS	G		4	1 N	3 N			
PIN12-01.2102006-034	0584-1	GW	3-2-2021	1417	G		4	1 N	3 N			
PIN12-01.2102006-035	0584-2	GW	3-2-2021	1500	G		4	1 N	3 N			
PIN12-01.2102006-036	0584-3	GW	3-2-2021	1622	G		4	1 N	3 N			
PIN12-01.2102006-037	0585-1	GW	3-3-2021	918	G		4	1 N	3 N			
PIN12-01.2102006-038	0585-2	GW	3-3-2021	1003	G		4	1 N	3 N			
PIN12-01.2102006-039	0585-3	GW	3-3-2021	NS	G		4	1 N	3 N			
PIN12-01.2102006-040	0586-1	GW			G		4	1 N	3 N			
PIN12-01.2102006-041	0586-2	GW			G		4	1 N	3 N	KPP		
PIN12-01.2102006-042	0586-3	GW			G		4	1 N	3 N	3/3/2021		



280-146016 Chain of Custody

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	Kassi Pierre	3-3-21 1455	At Level	3-3-21 1455
	At Level	3-3-21 1700	At Level	3/4/21 600

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.1

TURNAROUND TIME: 28

Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	SAMPLING/SHIPPING	
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Shipping Company:	
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Tracking Number:	
	Postal Code: 80002	Cooler Count:	
	Phone Number: 303-736-0100	Date Shipped:	
	PO Number:	Sampled by:	
		Sampler 2: Kassi Pierce	

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML										
								1,4-Dioxane	VOAs	VOAs (6)									
PIN12-01.2102006-001	0541	GW	3/1/2021	958	G		4	1 N	3 N										
PIN12-01.2102006-002	0542	GW	3/1/2021	1020	G		4	1 N	3 N										
PIN12-01.2102006-003	0551-2	GW			G		4	1 N	3 N										
PIN12-01.2102006-004	0554B	GW			G		4	1 N	3 N										
PIN12-01.2102006-005	0554C	GW			G		4	1 N	3 N										
PIN12-01.2102006-006	0565-3	GW			G		4	1 N	3 N										
PIN12-01.2102006-007	0569-1	GW			G		4	1 N	3 N										
PIN12-01.2102006-008	0569-2	GW			G		4	1 N	3 N										
PIN12-01.2102006-009	0569-3	GW			G		4	1 N	3 N										
PIN12-01.2102006-010	0570-2	GW			G		4	1 N	3 N										
PIN12-01.2102006-011	0570-3	GW			G		4	1 N	3 N										
PIN12-01.2102006-012	0572-1	GW			G		4	1 N	3 N										
PIN12-01.2102006-013	0572-2	GW			G		4	1 N	3 N										
PIN12-01.2102006-014	0573-2	GW			G		4	1 N	3 N										

KEEP 3/3/2021

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ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	REQUESTED BY: Kassi Pierce	DATE/TIME: 3-3-21 1455	ANALYST: [Signature]	LABORATORY: 2-3-21 1455
		3-3-21 1700	[Signature]	3/4/21 1000



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006	COC ID: PIN12-01.2102006-COC.2		TURNAROUND TIME: 28												
Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	LABORATORY		SAMPLING, SHIPPING											
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Shipping Company:		Tracking Number:											
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count:		Date Shipped:											
	Postal Code: 80002	Date Shipped:		Sampled by:											
	Phone Number: 303-736-0100	Date Shipped:		Sampler 2: Kassi Pierce											
	PO Number:	Date Shipped:													
SAMPLE DETAILS			ANALYSIS RESULTS												
			Filtered - F: Field, L: Lab, FL: Field & Lab, N: None												
Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	4 C. HCl	4 C. HCl	4 C. HCl	1,4-Dioxane	VOAS	VOAS (6)
PIN12-01.2102006-015	0574-1	GW			G		4	1 N	3 N						
PIN12-01.2102006-016	0574-2	GW			G		4	1 N	3 N						
PIN12-01.2102006-017	0574-3	GW			G		4	1 N	3 N						
PIN12-01.2102006-018	0575-1	GW			G		4	1 N	3 N						
PIN12-01.2102006-019	0575-2	GW			G		4	1 N	3 N						
PIN12-01.2102006-020	0576-1	GW			G		4	1 N	3 N						
PIN12-01.2102006-021	0576-2	GW			G		4	1 N	3 N						
PIN12-01.2102006-022	0576-3	GW			G		4	1 N	3 N						
PIN12-01.2102006-023	0580-2	GW			G		4	1 N	3 N						
PIN12-01.2102006-024	0580-3	GW			G		4	1 N	3 N						
PIN12-01.2102006-025	0581-1	GW	3-1-2021	1421	G		4	1 N	3 N						
PIN12-01.2102006-026	0581-2	GW	3-1-2021	1502	G		4	1 N	3 N						
PIN12-01.2102006-027	0581-3	GW	3-1-2021	1537	G		4	1 N	3 N						
PIN12-01.2102006-028	0582-1	GW	3-1-2021	1620	G		4	1 N	3 N						
ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS			DATE/TIME		ACCEPTED BY		DATE/TIME								
			Kassi Pierce		3/3/21 1455		3-3-21 1455								
			JP Reed		3-3-21 1700		3/4/21 1000								

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.3

TURNAROUND TIME: 28

PROJECT INFORMATION		LABORATORY		SAMPLING / SHIPPING	
Facility Name:	Industrial Drain Leaks Bldg 100	Lab Name:	Eurofins TestAmerica Denver	Shipping Company:	
Project Number:	1.101.1.06.509.2.01	Address:	4955 Yarrow Street	Tracking Number:	
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	Cooler Count:	
		Postal Code:	80002	Date Shipped:	
		Phone Number:	303-736-0100	Sampler 1:	
		PO Number:		Sampler 2:	

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS METHODS		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
N12-01.2102006-029	0582-2	GW			G		4	1 N	3 N	3/3/2021
N12-01.2102006-030	0582-3	GW			G		4	1 N	3 N	KFP
N12-01.2102006-031	0583-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-032	0583-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-033	0583-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-034	0584-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-035	0584-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-036	0584-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-037	0585-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-038	0585-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-039	0585-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-040	0586-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-041	0586-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-042	0586-3	GW			G		4	1 N	3 N	

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS		DATE/TIME	DATE/TIME	DATE/TIME
<i>Kassi Prince</i> <i>JP Bercl</i>		3-3-21 1455	<i>JP Bercl</i>	3-3-21 1455
		3-3-21 1700	<i>JM [Signature]</i>	3/4/21 1000

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Chain of Custody / Sample Submittal Form

Task Code: **PIN12-01.2102006**

COC ID: PIN12-01.2102006-COC.4

TURNAROUND TIME: 28

Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	Shipping Company:
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Tracking Number:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count:
	Postal Code: 80002	Date Shipped:
	Phone Number: 303-736-0100	Sampled by:
	PO Number:	Sampler 2:

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	Filtered - F: Fie
PIN12-01.2102006-043	0587-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-044	0587-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-045	0587-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-046	0588-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-047	0588-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-048	0588-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-049	S68B	GW	3-3-2021	1116	G		4	1 N	3 N	
PIN12-01.2102006-050	S68C	GW	3-3-2021	1157	G		4	1 N	3 N	
PIN12-01.2102006-051	S68D	GW			G		4	1 N	3 N	
PIN12-01.2102006-052	S69C	GW			G		4	1 N	3 N	
PIN12-01.2102006-053	S69D	GW			G		4	1 N	3 N	
PIN12-01.2102006-054	S70B	GW			G		4	1 N	3 N	
PIN12-01.2102006-055	S70C	GW			G		4	1 N	3 N	
PIN12-01.2102006-056	S70D	GW			G		4	1 N	3 N	

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X = shared container

3/3/2021
KFP

KFP
3/3/21

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELINQUISHED BY	EXPIRE DATE	ACCOMPLISHED BY	DATE/TIME
	<i>Kassi Pene</i> <i>RKD</i>	3-3-21 1455 3-3-21 1700	<i>[Signature]</i> <i>[Signature]</i>	3-3-21 1455 3/4/21 1000



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006	COC ID: PIN12-01.2102006-COC.5	TURNAROUND TIME: 28
Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	Shipping Company:
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Tracking Number:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count:
	Postal Code: 80002	Date Shipped:
	Phone Number: 303-736-0100	
	PO Number:	Sampled by:
		Sampler 2: <i>Kassi Pierce</i>

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-057	S71B	GW			G		4	1 N	3 N	6 N
PIN12-01.2102006-058	S71C	GW			G		4	1 N	3 N	6 N
PIN12-01.2102006-059	S71D	GW			G		4	1 N	3 N	6 N
PIN12-01.2102006-060	S73B	GW	3-1-2021	1104	G		4	1 N	3 N	6 N
PIN12-01.2102006-061	S73C	GW	3-1-2021	1135	G		4	1 N	3 N	6 N
PIN12-01.2102006-062	2198	GW			G		7	1 N	6 N	6 N
PIN12-01.2102006-063	2199	GW			G		7	1 N	6 N	6 N
PIN12-01.2102006-064	2200	GW			G		7	1 N	6 N	6 N
PIN12-01.2102006-065	2201	GW	3-2-2021	1600	G		7	1 N	3 N	6 N
PIN12-01.2102006-066	2202	GW	3-3-2021	1201	G		7	1 N	3 N	6 N
PIN12-01.2102006-067	2203	WATER			G		4	1 N	3 N	6 N
PIN12-01.2102006-068	2204	WATER			G		4	1 N	3 N	6 N
PIN12-01.2102006-069	2205	WATER			G		4	1 N	3 N	6 N
PIN12-01.2102006-070	2206	WATER	3/1/2021	9:00	G		43	1 N	2 N	6 N

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40 ml container

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS: *RELINQUISHED BY Kassi Pierce*

DATE/TIME: *3/3/21 1455* *3-3-21 1700*

SIGNATURE: *[Signature]* *[Signature]*

DATE/TIME: *3-3-21 1455* *3/4/21 1000*

Login Sample Receipt Checklist

Client: Navarro Research and Engineering, Inc

Job Number: 280-146016-1
SDG Number: PIN12-01.2102006

Login Number: 146016
List Number: 1
Creator: Rystrom, Joshua R

List Source: Eurofins TestAmerica, Denver

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	False	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

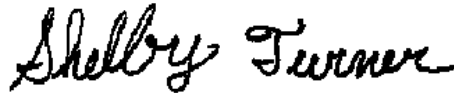
Job Number: 280-146023-1

SDG Number: PIN12-01.2102006

Job Description: Pinellas Bldg 100 Monitoring

For:

Navarro Research and Engineering, Inc
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Shelby R. Turner
Project Manager I
3/16/2021 9:39 AM

Designee for
Donna R Rydberg, Senior Project Manager
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0192
Donna.Rydberg@Eurofinset.com
03/16/2021

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Denver
4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Definitions/Glossary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Navarro Research and Engineering, Inc

Project: Pinellas Bldg 100 Monitoring

Report Number: 280-146023-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/4/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2° C and 2.6° C.

Insufficient volume was provided to perform an MS/MSD for 8260B VOA and 8260B SIM analysis.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples PIN12-01.2102006-003 (280-146023-1), PIN12-01.2102006-020 (280-146023-2), PIN12-01.2102006-021 (280-146023-3), PIN12-01.2102006-022 (280-146023-4), PIN12-01.2102006-040 (280-146023-5), PIN12-01.2102006-041 (280-146023-6), PIN12-01.2102006-042 (280-146023-7), PIN12-01.2102006-043 (280-146023-8), PIN12-01.2102006-044 (280-146023-9), PIN12-01.2102006-046 (280-146023-10), PIN12-01.2102006-047 (280-146023-11), PIN12-01.2102006-048 (280-146023-12), PIN12-01.2102006-069 (280-146023-13), PIN12-01.2102006-075 (280-146023-14), PIN12-01.2102006-081 (280-146023-15), PIN12-01.2102006-082 (280-146023-16) and PIN12-01.2102006-083 (280-146023-17) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/08/2021.

The following sample was collected in a properly preserved vial; however, however the pH of 7 was outside the required criteria of <2 when verified by the laboratory: PIN12-01.2102006-042 (280-146023-7). The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-528287. An LCS/LCSD pair was analyzed to provide batch precision and accuracy.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GC-MS SIM)

Samples PIN12-01.2102006-003 (280-146023-1), PIN12-01.2102006-020 (280-146023-2), PIN12-01.2102006-021 (280-146023-3), PIN12-01.2102006-022 (280-146023-4), PIN12-01.2102006-040 (280-146023-5), PIN12-01.2102006-041 (280-146023-6), PIN12-01.2102006-042 (280-146023-7), PIN12-01.2102006-043 (280-146023-8), PIN12-01.2102006-044 (280-146023-9), PIN12-01.2102006-046 (280-146023-10), PIN12-01.2102006-047 (280-146023-11), PIN12-01.2102006-048 (280-146023-12), PIN12-01.2102006-069 (280-146023-13), PIN12-01.2102006-075 (280-146023-14), PIN12-01.2102006-081 (280-146023-15), PIN12-01.2102006-082 (280-146023-16) and PIN12-01.2102006-083 (280-146023-17) were analyzed for volatile organic compounds (GC-MS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 03/06/2021, 03/10/2021, 03/11/2021 and 03/12/2021.

1,4-Dioxane was detected in method blank MB 280-528192/32 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batches 280-528694 and 280-528959. An LCS/LCSD pair was analyzed to provide batch precision and accuracy.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-003

Lab Sample ID: 280-146023-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.7		1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-020

Lab Sample ID: 280-146023-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	48		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	18		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.32	J	1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.61	J	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-021

Lab Sample ID: 280-146023-3

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	59		1.4	0.27	ug/L	1		8260B SIM	Total/NA
1,1-Dichloroethane	24		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.35	J	1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.72	J	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-022

Lab Sample ID: 280-146023-4

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.9		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Acetone	7.1	J	10	1.9	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.75	J	1.0	0.22	ug/L	1		8260B	Total/NA
Toluene	0.54	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-040

Lab Sample ID: 280-146023-5

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.91	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA
Benzene	0.16	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-041

Lab Sample ID: 280-146023-6

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.7		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Benzene	0.54	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.80	J	1.0	0.22	ug/L	1		8260B	Total/NA
Toluene	1.0		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-042

Lab Sample ID: 280-146023-7

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Carbon disulfide	1.9		1.0	0.17	ug/L	1		8260B	Total/NA
Toluene	3.5		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-043

Lab Sample ID: 280-146023-8

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Client Sample ID: PIN12-01.2102006-044

Lab Sample ID: 280-146023-9

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.2		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Acetone	35		10	1.9	ug/L	1		8260B	Total/NA
Benzene	1.1		1.0	0.16	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	19		5.0	2.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.15	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.26	J	1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	47		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-046

Lab Sample ID: 280-146023-10

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.9		1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-047

Lab Sample ID: 280-146023-11

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.6		1.4	0.27	ug/L	1		8260B SIM	Total/NA
Benzene	0.22	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.71	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.92	J	1.0	0.15	ug/L	1		8260B	Total/NA
Toluene	0.71	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: PIN12-01.2102006-048

Lab Sample ID: 280-146023-12

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.79	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-069

Lab Sample ID: 280-146023-13

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.36	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-075

Lab Sample ID: 280-146023-14

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.40	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-081

Lab Sample ID: 280-146023-15

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.76	J	1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-082

Lab Sample ID: 280-146023-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5		1.4	0.27	ug/L	1		8260B SIM	Total/NA

Client Sample ID: PIN12-01.2102006-083

Lab Sample ID: 280-146023-17

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.6		1.4	0.27	ug/L	1		8260B SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-003

Date Collected: 03/01/21 14:49

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-1

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.7		1.4	0.27	ug/L			03/10/21 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127					03/10/21 20:47	1

Client Sample ID: PIN12-01.2102006-020

Date Collected: 03/01/21 16:47

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-2

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	48		1.4	0.27	ug/L			03/10/21 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 21:09	1

Client Sample ID: PIN12-01.2102006-021

Date Collected: 03/01/21 16:23

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-3

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	59		1.4	0.27	ug/L			03/10/21 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					03/10/21 21:31	1

Client Sample ID: PIN12-01.2102006-022

Date Collected: 03/01/21 15:46

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-4

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.9		1.4	0.27	ug/L			03/10/21 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/10/21 21:53	1

Client Sample ID: PIN12-01.2102006-040

Date Collected: 03/02/21 11:25

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-5

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.91	J	1.4	0.27	ug/L			03/10/21 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 22:15	1

Client Sample ID: PIN12-01.2102006-041

Date Collected: 03/02/21 13:54

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.7		1.4	0.27	ug/L			03/10/21 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127					03/10/21 22:37	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-042
Date Collected: 03/02/21 15:03
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-7
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.4	0.27	ug/L			03/10/21 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/10/21 22:59	1

Client Sample ID: PIN12-01.2102006-043
Date Collected: 03/02/21 15:45
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-8
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1	J	1.4	0.27	ug/L			03/10/21 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/10/21 23:21	1

Client Sample ID: PIN12-01.2102006-044
Date Collected: 03/02/21 16:21
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-9
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.2		1.4	0.27	ug/L			03/10/21 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/10/21 23:43	1

Client Sample ID: PIN12-01.2102006-046
Date Collected: 03/02/21 09:16
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-10
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.9		1.4	0.27	ug/L			03/11/21 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/11/21 00:05	1

Client Sample ID: PIN12-01.2102006-047
Date Collected: 03/02/21 09:51
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-11
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.6		1.4	0.27	ug/L			03/12/21 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/12/21 14:20	1

Client Sample ID: PIN12-01.2102006-048
Date Collected: 03/02/21 10:34
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-12
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.79	J	1.4	0.27	ug/L			03/06/21 09:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/06/21 09:18	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Method: 8260B SIM - Volatile Organic Compounds (GC/MS-SIM)

Client Sample ID: PIN12-01.2102006-069
Date Collected: 03/01/21 09:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-13
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.36	J	1.4	0.27	ug/L			03/06/21 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 127					03/06/21 09:40	1

Client Sample ID: PIN12-01.2102006-075
Date Collected: 03/01/21 10:18
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-14
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.40	J	1.4	0.27	ug/L			03/06/21 10:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/06/21 10:02	1

Client Sample ID: PIN12-01.2102006-081
Date Collected: 03/01/21 11:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-15
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.76	J	1.4	0.27	ug/L			03/12/21 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/12/21 14:42	1

Client Sample ID: PIN12-01.2102006-082
Date Collected: 03/01/21 12:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-16
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.4	0.27	ug/L			03/12/21 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/12/21 15:04	1

Client Sample ID: PIN12-01.2102006-083
Date Collected: 03/01/21 14:04
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-17
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.6		1.4	0.27	ug/L			03/12/21 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 127					03/12/21 15:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PIN12-01.2102006-003
Date Collected: 03/01/21 14:49
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 11:49	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 11:49	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-003

Date Collected: 03/01/21 14:49

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-1

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 11:49	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 11:49	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 11:49	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 11:49	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 11:49	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 11:49	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 11:49	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 11:49	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 11:49	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 11:49	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 11:49	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 11:49	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 11:49	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 11:49	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 11:49	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 11:49	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 11:49	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 11:49	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 11:49	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 11:49	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 11:49	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 11:49	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 11:49	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 11:49	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 11:49	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 11:49	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 11:49	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 11:49	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 11:49	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 11:49	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 11:49	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 11:49	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 11:49	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 11:49	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 11:49	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 11:49	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-003
Date Collected: 03/01/21 14:49
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 11:49	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 11:49	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 11:49	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 11:49	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 11:49	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 11:49	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 11:49	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127					03/08/21 11:49	1
Toluene-d8 (Surr)	104		80 - 125					03/08/21 11:49	1
4-Bromofluorobenzene (Surr)	104		78 - 120					03/08/21 11:49	1
Dibromofluoromethane (Surr)	97		77 - 120					03/08/21 11:49	1

Client Sample ID: PIN12-01.2102006-020
Date Collected: 03/01/21 16:47
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 12:11	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 12:11	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 12:11	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:11	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 12:11	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 12:11	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 12:11	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 12:11	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 12:11	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 12:11	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 12:11	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 12:11	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 12:11	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 12:11	1
1,1-Dichloroethane	18		1.0	0.22	ug/L			03/08/21 12:11	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 12:11	1
cis-1,2-Dichloroethene	0.32	J	1.0	0.15	ug/L			03/08/21 12:11	1
trans-1,2-Dichloroethene	0.61	J	1.0	0.15	ug/L			03/08/21 12:11	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-020
Date Collected: 03/01/21 16:47
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 12:11	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 12:11	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 12:11	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 12:11	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 12:11	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 12:11	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 12:11	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 12:11	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 12:11	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 12:11	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 12:11	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 12:11	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 12:11	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 12:11	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:11	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:11	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 12:11	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 12:11	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 12:11	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 12:11	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 12:11	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 12:11	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 12:11	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 12:11	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:11	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 12:11	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 12:11	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	103		70 - 127		03/08/21 12:11	1
<i>Toluene-d8 (Surr)</i>	104		80 - 125		03/08/21 12:11	1
<i>4-Bromofluorobenzene (Surr)</i>	105		78 - 120		03/08/21 12:11	1
<i>Dibromofluoromethane (Surr)</i>	97		77 - 120		03/08/21 12:11	1

Client Sample ID: PIN12-01.2102006-021
Date Collected: 03/01/21 16:23
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 12:34	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 12:34	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 12:34	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-021

Date Collected: 03/01/21 16:23

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-3

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:34	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 12:34	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 12:34	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 12:34	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 12:34	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 12:34	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 12:34	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 12:34	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 12:34	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 12:34	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 12:34	1
1,1-Dichloroethane	24		1.0	0.22	ug/L			03/08/21 12:34	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 12:34	1
cis-1,2-Dichloroethene	0.35	J	1.0	0.15	ug/L			03/08/21 12:34	1
trans-1,2-Dichloroethene	0.72	J	1.0	0.15	ug/L			03/08/21 12:34	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 12:34	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 12:34	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 12:34	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 12:34	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 12:34	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 12:34	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 12:34	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 12:34	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 12:34	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 12:34	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 12:34	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 12:34	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 12:34	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 12:34	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:34	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:34	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 12:34	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 12:34	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 12:34	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 12:34	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 12:34	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-021
Date Collected: 03/01/21 16:23
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 12:34	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 12:34	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 12:34	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:34	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 12:34	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 12:34	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 12:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/08/21 12:34	1
Toluene-d8 (Surr)	106		80 - 125		03/08/21 12:34	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/08/21 12:34	1
Dibromofluoromethane (Surr)	98		77 - 120		03/08/21 12:34	1

Client Sample ID: PIN12-01.2102006-022
Date Collected: 03/01/21 15:46
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-4
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.1	J	10	1.9	ug/L			03/08/21 12:56	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 12:56	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 12:56	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:56	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 12:56	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 12:56	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 12:56	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 12:56	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 12:56	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 12:56	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 12:56	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 12:56	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 12:56	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 12:56	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 12:56	1
1,1-Dichloroethane	0.75	J	1.0	0.22	ug/L			03/08/21 12:56	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 12:56	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 12:56	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 12:56	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 12:56	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-022

Date Collected: 03/01/21 15:46

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-4

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 12:56	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 12:56	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 12:56	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 12:56	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 12:56	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 12:56	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 12:56	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 12:56	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 12:56	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 12:56	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 12:56	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 12:56	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 12:56	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:56	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 12:56	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 12:56	1
Toluene	0.54	J	1.0	0.17	ug/L			03/08/21 12:56	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 12:56	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 12:56	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 12:56	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 12:56	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 12:56	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 12:56	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 12:56	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 12:56	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 12:56	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127		03/08/21 12:56	1
Toluene-d8 (Surr)	102		80 - 125		03/08/21 12:56	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/08/21 12:56	1
Dibromofluoromethane (Surr)	99		77 - 120		03/08/21 12:56	1

Client Sample ID: PIN12-01.2102006-040

Date Collected: 03/02/21 11:25

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-5

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 13:19	1
Benzene	0.16	J	1.0	0.16	ug/L			03/08/21 13:19	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 13:19	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 13:19	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 13:19	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-040

Date Collected: 03/02/21 11:25

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-5

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 13:19	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 13:19	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 13:19	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 13:19	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 13:19	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 13:19	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 13:19	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 13:19	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 13:19	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 13:19	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 13:19	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 13:19	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 13:19	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 13:19	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 13:19	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 13:19	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 13:19	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 13:19	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 13:19	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 13:19	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 13:19	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 13:19	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 13:19	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 13:19	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 13:19	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 13:19	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 13:19	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 13:19	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 13:19	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 13:19	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 13:19	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 13:19	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 13:19	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 13:19	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 13:19	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-040
Date Collected: 03/02/21 11:25
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-5
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 13:19	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 13:19	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 13:19	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:19	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 13:19	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 13:19	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/08/21 13:19	1
Toluene-d8 (Surr)	104		80 - 125		03/08/21 13:19	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/08/21 13:19	1
Dibromofluoromethane (Surr)	97		77 - 120		03/08/21 13:19	1

Client Sample ID: PIN12-01.2102006-041
Date Collected: 03/02/21 13:54
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-6
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 13:41	1
Benzene	0.54	J	1.0	0.16	ug/L			03/08/21 13:41	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 13:41	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 13:41	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 13:41	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 13:41	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 13:41	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 13:41	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 13:41	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 13:41	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 13:41	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 13:41	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 13:41	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 13:41	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 13:41	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 13:41	1
1,1-Dichloroethane	0.80	J	1.0	0.22	ug/L			03/08/21 13:41	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 13:41	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 13:41	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 13:41	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 13:41	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 13:41	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-041

Date Collected: 03/02/21 13:54

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-6

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 13:41	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 13:41	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 13:41	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 13:41	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 13:41	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 13:41	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 13:41	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 13:41	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 13:41	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 13:41	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 13:41	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 13:41	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 13:41	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 13:41	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 13:41	1
Toluene	1.0		1.0	0.17	ug/L			03/08/21 13:41	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 13:41	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 13:41	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 13:41	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 13:41	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 13:41	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 13:41	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 13:41	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 13:41	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 13:41	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	103		70 - 127		03/08/21 13:41	1
<i>Toluene-d8 (Surr)</i>	105		80 - 125		03/08/21 13:41	1
<i>4-Bromofluorobenzene (Surr)</i>	105		78 - 120		03/08/21 13:41	1
<i>Dibromofluoromethane (Surr)</i>	97		77 - 120		03/08/21 13:41	1

Client Sample ID: PIN12-01.2102006-042

Date Collected: 03/02/21 15:03

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 14:04	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 14:04	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 14:04	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:04	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 14:04	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-042

Lab Sample ID: 280-146023-7

Date Collected: 03/02/21 15:03

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 14:04	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Carbon disulfide	1.9		1.0	0.17	ug/L			03/08/21 14:04	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 14:04	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 14:04	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 14:04	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 14:04	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 14:04	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:04	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 14:04	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 14:04	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 14:04	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 14:04	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 14:04	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 14:04	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 14:04	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 14:04	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 14:04	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 14:04	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 14:04	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 14:04	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 14:04	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 14:04	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 14:04	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 14:04	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 14:04	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 14:04	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 14:04	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 14:04	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 14:04	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:04	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:04	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 14:04	1
Toluene	3.5		1.0	0.17	ug/L			03/08/21 14:04	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 14:04	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 14:04	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 14:04	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 14:04	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-042

Date Collected: 03/02/21 15:03

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-7

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 14:04	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 14:04	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:04	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 14:04	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 14:04	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		03/08/21 14:04	1
Toluene-d8 (Surr)	106		80 - 125		03/08/21 14:04	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/08/21 14:04	1
Dibromofluoromethane (Surr)	98		77 - 120		03/08/21 14:04	1

Client Sample ID: PIN12-01.2102006-043

Date Collected: 03/02/21 15:45

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-8

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 14:26	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 14:26	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 14:26	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:26	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 14:26	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 14:26	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 14:26	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 14:26	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 14:26	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 14:26	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 14:26	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 14:26	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 14:26	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 14:26	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 14:26	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 14:26	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 14:26	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 14:26	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 14:26	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 14:26	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 14:26	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-043
Date Collected: 03/02/21 15:45
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-8
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 14:26	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 14:26	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 14:26	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 14:26	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 14:26	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 14:26	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 14:26	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 14:26	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 14:26	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 14:26	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 14:26	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:26	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:26	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 14:26	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 14:26	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 14:26	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 14:26	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 14:26	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 14:26	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 14:26	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 14:26	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:26	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 14:26	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 14:26	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		03/08/21 14:26	1
Toluene-d8 (Surr)	105		80 - 125		03/08/21 14:26	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/08/21 14:26	1
Dibromofluoromethane (Surr)	98		77 - 120		03/08/21 14:26	1

Client Sample ID: PIN12-01.2102006-044
Date Collected: 03/02/21 16:21
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-9
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	35		10	1.9	ug/L			03/08/21 14:49	1
Benzene	1.1		1.0	0.16	ug/L			03/08/21 14:49	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 14:49	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 14:49	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:49	1
2-Butanone (MEK)	19		5.0	2.0	ug/L			03/08/21 14:49	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 14:49	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-044

Lab Sample ID: 280-146023-9

Date Collected: 03/02/21 16:21

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 14:49	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 14:49	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 14:49	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 14:49	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 14:49	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 14:49	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 14:49	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 14:49	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 14:49	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 14:49	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 14:49	1
cis-1,2-Dichloroethene	3.0		1.0	0.15	ug/L			03/08/21 14:49	1
trans-1,2-Dichloroethene	0.26	J	1.0	0.15	ug/L			03/08/21 14:49	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 14:49	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 14:49	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 14:49	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 14:49	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 14:49	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 14:49	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 14:49	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 14:49	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 14:49	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 14:49	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 14:49	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 14:49	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 14:49	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 14:49	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:49	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 14:49	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 14:49	1
Toluene	47		1.0	0.17	ug/L			03/08/21 14:49	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 14:49	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 14:49	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 14:49	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 14:49	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 14:49	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-044

Date Collected: 03/02/21 16:21

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-9

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 14:49	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 14:49	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 14:49	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 14:49	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		03/08/21 14:49	1
Toluene-d8 (Surr)	103		80 - 125		03/08/21 14:49	1
4-Bromofluorobenzene (Surr)	103		78 - 120		03/08/21 14:49	1
Dibromofluoromethane (Surr)	98		77 - 120		03/08/21 14:49	1

Client Sample ID: PIN12-01.2102006-046

Date Collected: 03/02/21 09:16

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-10

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 15:11	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 15:11	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 15:11	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:11	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 15:11	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 15:11	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 15:11	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 15:11	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 15:11	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 15:11	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 15:11	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 15:11	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 15:11	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 15:11	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 15:11	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 15:11	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 15:11	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 15:11	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 15:11	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 15:11	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 15:11	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 15:11	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-046

Date Collected: 03/02/21 09:16

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-10

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 15:11	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 15:11	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 15:11	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 15:11	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 15:11	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 15:11	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 15:11	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 15:11	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 15:11	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 15:11	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:11	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:11	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 15:11	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 15:11	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 15:11	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 15:11	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 15:11	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 15:11	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 15:11	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 15:11	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:11	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 15:11	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 15:11	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		03/08/21 15:11	1
Toluene-d8 (Surr)	106		80 - 125		03/08/21 15:11	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/08/21 15:11	1
Dibromofluoromethane (Surr)	96		77 - 120		03/08/21 15:11	1

Client Sample ID: PIN12-01.2102006-047

Date Collected: 03/02/21 09:51

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-11

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 15:34	1
Benzene	0.22	J	1.0	0.16	ug/L			03/08/21 15:34	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 15:34	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 15:34	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:34	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 15:34	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 15:34	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-047

Lab Sample ID: 280-146023-11

Date Collected: 03/02/21 09:51

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 15:34	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 15:34	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 15:34	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 15:34	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 15:34	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:34	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 15:34	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 15:34	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 15:34	1
1,1-Dichloroethane	0.71	J	1.0	0.22	ug/L			03/08/21 15:34	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 15:34	1
cis-1,2-Dichloroethene	0.92	J	1.0	0.15	ug/L			03/08/21 15:34	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 15:34	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 15:34	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 15:34	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 15:34	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 15:34	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 15:34	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 15:34	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 15:34	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 15:34	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 15:34	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 15:34	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 15:34	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 15:34	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 15:34	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 15:34	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:34	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:34	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 15:34	1
Toluene	0.71	J	1.0	0.17	ug/L			03/08/21 15:34	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 15:34	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 15:34	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 15:34	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 15:34	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 15:34	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 15:34	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-047
Date Collected: 03/02/21 09:51
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-11
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:34	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 15:34	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 15:34	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					03/08/21 15:34	1
Toluene-d8 (Surr)	106		80 - 125					03/08/21 15:34	1
4-Bromofluorobenzene (Surr)	105		78 - 120					03/08/21 15:34	1
Dibromofluoromethane (Surr)	98		77 - 120					03/08/21 15:34	1

Client Sample ID: PIN12-01.2102006-048
Date Collected: 03/02/21 10:34
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-12
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 15:56	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 15:56	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 15:56	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:56	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 15:56	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 15:56	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 15:56	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 15:56	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 15:56	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 15:56	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 15:56	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 15:56	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 15:56	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 15:56	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 15:56	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 15:56	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 15:56	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 15:56	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 15:56	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 15:56	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 15:56	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 15:56	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-048

Date Collected: 03/02/21 10:34

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-12

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 15:56	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 15:56	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 15:56	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 15:56	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 15:56	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 15:56	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 15:56	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 15:56	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 15:56	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 15:56	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:56	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 15:56	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 15:56	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 15:56	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 15:56	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 15:56	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 15:56	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 15:56	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 15:56	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 15:56	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 15:56	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 15:56	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 15:56	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		70 - 127					03/08/21 15:56	1
<i>Toluene-d8 (Surr)</i>	103		80 - 125					03/08/21 15:56	1
<i>4-Bromofluorobenzene (Surr)</i>	106		78 - 120					03/08/21 15:56	1
<i>Dibromofluoromethane (Surr)</i>	97		77 - 120					03/08/21 15:56	1

Client Sample ID: PIN12-01.2102006-069

Date Collected: 03/01/21 09:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-13

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 16:19	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 16:19	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 16:19	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 16:19	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 16:19	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 16:19	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-069

Lab Sample ID: 280-146023-13

Date Collected: 03/01/21 09:00

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 16:19	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 16:19	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 16:19	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 16:19	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 16:19	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 16:19	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 16:19	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 16:19	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 16:19	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 16:19	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 16:19	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 16:19	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 16:19	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 16:19	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 16:19	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 16:19	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 16:19	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 16:19	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 16:19	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 16:19	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 16:19	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 16:19	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 16:19	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 16:19	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 16:19	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 16:19	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 16:19	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 16:19	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 16:19	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 16:19	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 16:19	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 16:19	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 16:19	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 16:19	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 16:19	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 16:19	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:19	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-069

Date Collected: 03/01/21 09:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-13

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 16:19	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 16:19	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		03/08/21 16:19	1
Toluene-d8 (Surr)	105		80 - 125		03/08/21 16:19	1
4-Bromofluorobenzene (Surr)	105		78 - 120		03/08/21 16:19	1
Dibromofluoromethane (Surr)	98		77 - 120		03/08/21 16:19	1

Client Sample ID: PIN12-01.2102006-075

Date Collected: 03/01/21 10:18

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-14

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 16:42	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 16:42	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 16:42	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 16:42	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 16:42	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 16:42	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 16:42	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 16:42	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 16:42	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 16:42	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 16:42	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 16:42	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 16:42	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 16:42	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 16:42	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 16:42	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 16:42	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 16:42	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 16:42	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 16:42	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 16:42	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 16:42	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 16:42	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-075
Date Collected: 03/01/21 10:18
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-14
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 16:42	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 16:42	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 16:42	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 16:42	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 16:42	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 16:42	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 16:42	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 16:42	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 16:42	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 16:42	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 16:42	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 16:42	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 16:42	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 16:42	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 16:42	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 16:42	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 16:42	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 16:42	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 16:42	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 16:42	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 16:42	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 16:42	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		70 - 127		03/08/21 16:42	1
<i>Toluene-d8 (Surr)</i>	104		80 - 125		03/08/21 16:42	1
<i>4-Bromofluorobenzene (Surr)</i>	105		78 - 120		03/08/21 16:42	1
<i>Dibromofluoromethane (Surr)</i>	96		77 - 120		03/08/21 16:42	1

Client Sample ID: PIN12-01.2102006-081
Date Collected: 03/01/21 11:00
Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-15
Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 17:04	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 17:04	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 17:04	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:04	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 17:04	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 17:04	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-081

Date Collected: 03/01/21 11:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 17:04	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 17:04	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 17:04	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 17:04	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 17:04	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 17:04	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 17:04	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 17:04	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 17:04	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 17:04	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 17:04	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 17:04	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 17:04	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 17:04	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 17:04	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 17:04	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 17:04	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 17:04	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 17:04	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 17:04	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 17:04	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 17:04	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 17:04	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 17:04	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 17:04	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 17:04	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:04	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:04	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 17:04	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 17:04	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 17:04	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 17:04	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 17:04	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 17:04	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 17:04	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 17:04	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:04	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 17:04	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-081

Date Collected: 03/01/21 11:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-15

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 17:04	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 127		03/08/21 17:04	1
Toluene-d8 (Surr)	105		80 - 125		03/08/21 17:04	1
4-Bromofluorobenzene (Surr)	104		78 - 120		03/08/21 17:04	1
Dibromofluoromethane (Surr)	100		77 - 120		03/08/21 17:04	1

Client Sample ID: PIN12-01.2102006-082

Date Collected: 03/01/21 12:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-16

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 17:26	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 17:26	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 17:26	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:26	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 17:26	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 17:26	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 17:26	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 17:26	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 17:26	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 17:26	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 17:26	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 17:26	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 17:26	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 17:26	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 17:26	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 17:26	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 17:26	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 17:26	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 17:26	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 17:26	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 17:26	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 17:26	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 17:26	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 17:26	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-082

Date Collected: 03/01/21 12:00

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-16

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 17:26	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 17:26	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 17:26	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 17:26	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 17:26	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 17:26	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 17:26	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 17:26	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:26	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:26	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 17:26	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 17:26	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 17:26	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 17:26	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 17:26	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 17:26	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 17:26	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 17:26	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:26	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 17:26	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 17:26	1
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	105		70 - 127		03/08/21 17:26	1
<i>Toluene-d8 (Surr)</i>	104		80 - 125		03/08/21 17:26	1
<i>4-Bromofluorobenzene (Surr)</i>	105		78 - 120		03/08/21 17:26	1
<i>Dibromofluoromethane (Surr)</i>	98		77 - 120		03/08/21 17:26	1

Client Sample ID: PIN12-01.2102006-083

Date Collected: 03/01/21 14:04

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-17

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	U	10	1.9	ug/L			03/08/21 17:49	1
Benzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Bromobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
Bromochloromethane	0.10	U	1.0	0.10	ug/L			03/08/21 17:49	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
Bromoform	0.46	U	1.0	0.46	ug/L			03/08/21 17:49	1
Bromomethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:49	1
2-Butanone (MEK)	2.0	U	5.0	2.0	ug/L			03/08/21 17:49	1
n-Butylbenzene	0.14	U	1.0	0.14	ug/L			03/08/21 17:49	1
sec-Butylbenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
tert-Butylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Carbon disulfide	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
Carbon tetrachloride	0.19	U	1.0	0.19	ug/L			03/08/21 17:49	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-083

Lab Sample ID: 280-146023-17

Date Collected: 03/01/21 14:04

Matrix: Water

Date Received: 03/04/21 10:00

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
Chloroethane	0.41	U	1.0	0.41	ug/L			03/08/21 17:49	1
Chloroform	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Chloromethane	0.30	U	1.0	0.30	ug/L			03/08/21 17:49	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
4-Chlorotoluene	0.21	U	1.0	0.21	ug/L			03/08/21 17:49	1
1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47	ug/L			03/08/21 17:49	1
Dibromomethane	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
1,2-Dichlorobenzene	0.15	U	1.0	0.15	ug/L			03/08/21 17:49	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			03/08/21 17:49	1
1,4-Dichlorobenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/21 17:49	1
1,1-Dichloroethane	0.22	U	1.0	0.22	ug/L			03/08/21 17:49	1
1,2-Dichloroethane	0.13	U	1.0	0.13	ug/L			03/08/21 17:49	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 17:49	1
trans-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			03/08/21 17:49	1
1,1-Dichloroethene	0.23	U	1.0	0.23	ug/L			03/08/21 17:49	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			03/08/21 17:49	1
1,3-Dichloropropane	0.090	U	1.0	0.090	ug/L			03/08/21 17:49	1
2,2-Dichloropropane	0.38	U	1.0	0.38	ug/L			03/08/21 17:49	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 17:49	1
1,1-Dichloropropene	0.19	U	1.0	0.19	ug/L			03/08/21 17:49	1
Ethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Hexachlorobutadiene	0.36	U	1.0	0.36	ug/L			03/08/21 17:49	1
2-Hexanone	1.7	U	5.0	1.7	ug/L			03/08/21 17:49	1
Isopropylbenzene	0.19	U	1.0	0.19	ug/L			03/08/21 17:49	1
4-Isopropyltoluene	0.20	U	1.0	0.20	ug/L			03/08/21 17:49	1
Methylene Chloride	0.94	U	1.0	0.94	ug/L			03/08/21 17:49	1
4-Methyl-2-pentanone	0.98	U	5.0	0.98	ug/L			03/08/21 17:49	1
Naphthalene	0.22	U	1.0	0.22	ug/L			03/08/21 17:49	1
n-Propylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Styrene	0.36	U	1.0	0.36	ug/L			03/08/21 17:49	1
1,1,1,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:49	1
1,1,2,2-Tetrachloroethane	0.21	U	1.0	0.21	ug/L			03/08/21 17:49	1
Tetrachloroethene	0.20	U	1.0	0.20	ug/L			03/08/21 17:49	1
Toluene	0.17	U	1.0	0.17	ug/L			03/08/21 17:49	1
1,2,3-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 17:49	1
1,2,4-Trichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/21 17:49	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
1,1,2-Trichloroethane	0.27	U	1.0	0.27	ug/L			03/08/21 17:49	1
Trichloroethene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Trichlorofluoromethane	0.29	U	1.0	0.29	ug/L			03/08/21 17:49	1
1,2,3-Trichloropropane	0.33	U	1.0	0.33	ug/L			03/08/21 17:49	1
1,2,4-Trimethylbenzene	0.15	U	1.0	0.15	ug/L			03/08/21 17:49	1
1,3,5-Trimethylbenzene	0.16	U	1.0	0.16	ug/L			03/08/21 17:49	1
Vinyl chloride	0.10	U	1.0	0.10	ug/L			03/08/21 17:49	1
Xylenes, Total	0.19	U	1.0	0.19	ug/L			03/08/21 17:49	1

Client Sample Results

Client: Navarro Research and Engineering, Inc
 Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
 SDG: PIN12-01.2102006

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PIN12-01.2102006-083

Date Collected: 03/01/21 14:04

Date Received: 03/04/21 10:00

Lab Sample ID: 280-146023-17

Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.18	U	1.0	0.18	ug/L			03/08/21 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127					03/08/21 17:49	1
Toluene-d8 (Surr)	103		80 - 125					03/08/21 17:49	1
4-Bromofluorobenzene (Surr)	107		78 - 120					03/08/21 17:49	1
Dibromofluoromethane (Surr)	98		77 - 120					03/08/21 17:49	1

Method Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN
8260B SIM	Volatile Organic Compounds (GC/MS-SIM)	SW846	TAL DEN
5030B	Purge and Trap	SW846	TAL DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Navarro Research and Engineering, Inc
Project/Site: Pinellas Bldg 100 Monitoring

Job ID: 280-146023-1
SDG: PIN12-01.2102006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
280-146023-1	PIN12-01.2102006-003	Water	03/01/21 14:49	03/04/21 10:00	
280-146023-2	PIN12-01.2102006-020	Water	03/01/21 16:47	03/04/21 10:00	
280-146023-3	PIN12-01.2102006-021	Water	03/01/21 16:23	03/04/21 10:00	
280-146023-4	PIN12-01.2102006-022	Water	03/01/21 15:46	03/04/21 10:00	
280-146023-5	PIN12-01.2102006-040	Water	03/02/21 11:25	03/04/21 10:00	
280-146023-6	PIN12-01.2102006-041	Water	03/02/21 13:54	03/04/21 10:00	
280-146023-7	PIN12-01.2102006-042	Water	03/02/21 15:03	03/04/21 10:00	
280-146023-8	PIN12-01.2102006-043	Water	03/02/21 15:45	03/04/21 10:00	
280-146023-9	PIN12-01.2102006-044	Water	03/02/21 16:21	03/04/21 10:00	
280-146023-10	PIN12-01.2102006-046	Water	03/02/21 09:16	03/04/21 10:00	
280-146023-11	PIN12-01.2102006-047	Water	03/02/21 09:51	03/04/21 10:00	
280-146023-12	PIN12-01.2102006-048	Water	03/02/21 10:34	03/04/21 10:00	
280-146023-13	PIN12-01.2102006-069	Water	03/01/21 09:00	03/04/21 10:00	
280-146023-14	PIN12-01.2102006-075	Water	03/01/21 10:18	03/04/21 10:00	
280-146023-15	PIN12-01.2102006-081	Water	03/01/21 11:00	03/04/21 10:00	
280-146023-16	PIN12-01.2102006-082	Water	03/01/21 12:00	03/04/21 10:00	
280-146023-17	PIN12-01.2102006-083	Water	03/01/21 14:04	03/04/21 10:00	

Shipping and Receiving Documents



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

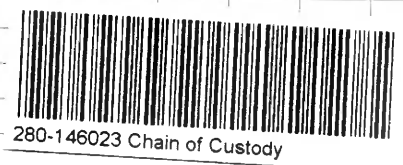
COC ID: PIN12-01.2102006-COC.1

TURNAROUND TIME: 28

Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	SAMPLING / SHIPPING	
Project Number: I.101.1.06.509.2.01	Address: 4955 Yarrow Street	Shipping Company:	
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Tracking Number:	
	Postal Code: 80002	Cooler Count:	
	Phone Number: 303-736-0100	Date Shipped:	
	PO Number:	Sampled by:	
		Sampler 2:	

SAMPLE DETAILS							ANALYSIS REQUESTED				
Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	Container	Filter	Preserve	ANALYSIS
PIN12-01.2102006-001	0541	GW			G		4	GLASS 40 ML	N	4 C, HCl	1,4-Dioxane
PIN12-01.2102006-002	0542	GW			G		4	GLASS 40 ML	N	4 C, HCl	VOAs
PIN12-01.2102006-003	0551-2	GW	3/1/21	1449	G		4	GLASS 40 ML	N	4 C, HCl	VOAs (6)
PIN12-01.2102006-004	0554B	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-005	0554C	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-006	0565-3	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-007	0569-1	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-008	0569-2	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-009	0569-3	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-010	0570-2	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-011	0570-3	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-012	0572-1	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-013	0572-2	GW			G		4	GLASS 40 ML	N	4 C, HCl	
PIN12-01.2102006-014	0573-2	GW			G		4	GLASS 40 ML	N	4 C, HCl	

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ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELINQUISHED BY	DATE/TIME	ACCEPTEE BY	DATE/TIME
	<i>[Signature]</i>	3-2-21 1705	<i>[Signature]</i>	3-2-21 1705
	<i>Kassie Prince</i>	3-2-21 1455	<i>[Signature]</i>	3-3-21 1455
	<i>[Signature]</i>	3-3-21 1700	<i>[Signature]</i>	3/4/21 1000



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.2

TURNAROUND TIME: 28

Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	Shipping Company:
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Tracking Number:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count:
	Postal Code: 80002	Date Shipped:
	Phone Number: 303-736-0100	Sampled by:
	PO Number:	Sampler 2:

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	GLASS 40 ML	GLASS 40 ML	ANALYSIS REQUESTED		
								1,4-Dioxane	VOAS	VOAS (6)	4 C, HCl	4 C, HCl
PIN12-01.2102006-015	0574-1	GW			G		4	1 N	3 N			
PIN12-01.2102006-016	0574-2	GW			G		4	1 N	3 N			
PIN12-01.2102006-017	0574-3	GW			G		4	1 N	3 N	KFP		
PIN12-01.2102006-018	0575-1	GW			G		4	1 N	3 N	3/3/2021		
PIN12-01.2102006-019	0575-2	GW			G		4	1 N	3 N			
PIN12-01.2102006-020	0576-1	GW	3/1/21	1647	G		4	1 N	3 N			
PIN12-01.2102006-021	0576-2	GW	3/1/21	1623	G		4	1 N	3 N			
PIN12-01.2102006-022	0576-3	GW	3/1/21	1546	G		4	1 N	3 N			
PIN12-01.2102006-023	0580-2	GW			G		4	1 N	3 N	KFP		
PIN12-01.2102006-024	0580-3	GW			G		4	1 N	3 N	3/3/2021		
PIN12-01.2102006-025	0581-1	GW			G		4	1 N	3 N			
PIN12-01.2102006-026	0581-2	GW			G		4	1 N	3 N			
PIN12-01.2102006-027	0581-3	GW			G		4	1 N	3 N			
PIN12-01.2102006-028	0582-1	GW			G		4	1 N	3 N			

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RECEIVED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	<i>R.M. [Signature]</i>	2-2-21 1705	<i>Kassi Pierce</i>	3/2/21 1705
	<i>Kassi Pierce</i>	3-3-21 1455	<i>[Signature]</i>	2-3-21 1455
	<i>[Signature]</i>	2-3-21 1700	<i>[Signature]</i>	3/4/21 1000



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006	COC ID: PIN12-01.2102006-COC.3	TURNAROUND TIME: 28
Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	Shipping Company:
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Tracking Number:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count:
	Postal Code: 80002	Date Shipped:
	Phone Number: 303-736-0100	Sampled by:
	PO Number:	Sampler 2:

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-029	0582-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-030	0582-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-031	0583-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-032	0583-2	GW			G		4	1 N	3 N	KFP
PIN12-01.2102006-033	0583-3	GW			G		4	1 N	3 N	3/3/2021
PIN12-01.2102006-034	0584-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-035	0584-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-036	0584-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-037	0585-1	GW			G		4	1 N	3 N	
PIN12-01.2102006-038	0585-2	GW			G		4	1 N	3 N	
PIN12-01.2102006-039	0585-3	GW			G		4	1 N	3 N	
PIN12-01.2102006-040	0586-1	GW	3/2/21	1125	G		4	1 N	3 N	
PIN12-01.2102006-041	0586-2	GW	3/2/21	1354	G		4	1 N	3 N	
PIN12-01.2102006-042	0586-3	GW	3/2/21	1503	G		4	1 N	3 N	

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	<i>Kassi Pinn</i>	3-2-21 1705	<i>Kassi Pinn</i>	3-2-21 1705
	<i>Kassi Pinn</i>	3-3-21 1455	<i>[Signature]</i>	3-3-21 1455
	<i>[Signature]</i>	3-3-21 1700	<i>[Signature]</i>	3/4/21 1000



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.4

TURNAROUND TIME: 28

PROJECT INFORMATION		LABORATORY		SAMPLING / SHIPPING	
Facility Name:	Industrial Drain Leaks Bldg 100	Lab Name:	Eurofins TestAmerica Denver	Shipping Company:	
Project Number:	1.101.1.06.509.2.01	Address:	4955 Yarrow Street	Tracking Number:	
Project Name:	Pinellas Bldg 100 Monitoring	City:	Arvada	State:	CO
		Postal Code:	80002	Cooler Count:	
		Phone Number:	303-736-0100	Date Shipped:	
		PO Number:		Sampled by:	
				Sampler 2:	

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS RESULTS			Filtered - F: Full, L: Lab, S: Ship, N: None						
								GLASS 40 ML	GLASS 40 ML		1,4-Dioxane	VOAs	VOAs (6)				
PIN12-01.2102006-043	0587-1	GW	3/2/21	1545	G		4	1 N	3 N								
PIN12-01.2102006-044	0587-2	GW	3/2/21	1621	G		4	1 N	3 N								
PIN12-01.2102006-045	0587-3	GW			G		4	1 N	3 N	KCP	3/3/2021						
PIN12-01.2102006-046	0588-1	GW	3/2/21	0916	G		4	1 N	3 N								
PIN12-01.2102006-047	0588-2	GW	3/2/21	0951	G		4	1 N	3 N								
PIN12-01.2102006-048	0588-3	GW	3/2/21	1034	G		4	1 N	3 N								
PIN12-01.2102006-049	S68B	GW			G		4	1 N	3 N	KCP	3/3/2021						
PIN12-01.2102006-050	S68C	GW			G		4	1 N	3 N								
PIN12-01.2102006-051	S68D	GW			G		4	1 N	3 N								
PIN12-01.2102006-052	S69C	GW			G		4	1 N	3 N								
PIN12-01.2102006-053	S69D	GW			G		4	1 N	3 N								
PIN12-01.2102006-054	S70B	GW			G		4	1 N	3 N								
PIN12-01.2102006-055	S70C	GW			G		4	1 N	3 N								
PIN12-01.2102006-056	S70D	GW			G		4	1 N	3 N								

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELEASED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
		<i>[Signature]</i> Kassi Piene	3-2-21 1705	<i>[Signature]</i> Kassi Piene
	<i>[Signature]</i>	3-3-21 1455	<i>[Signature]</i>	3-3-21 1455
	<i>[Signature]</i>	3-3-21 1700	<i>[Signature]</i>	3/4/21 1000

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Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006

COC ID: PIN12-01.2102006-COC.5

TURNAROUND TIME: 28

Facility Name: Industrial Drain Leaks Bldg 100		Lab Name: Eurofins TestAmerica Denver		Shipping Company:	
Project Number: 1.101.1.06.509.2.01		Address: 4955 Yarrow Street		Tracking Number:	
Project Name: Pinellas Bldg 100 Monitoring		City: Arvada State: CO		Cooler Count:	
		Postal Code: 80002		Date Shipped:	
		Phone Number: 303-736-0100		Sampled by:	
		PO Number:		Sampler 2:	

Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp	QC	# of Cont	ANALYSIS REQUESTED		
								GLASS 40 ML	GLASS 40 ML	GLASS 40 ML
PIN12-01.2102006-057	S71B	GW			G		4	1 N	3 N	3 N
PIN12-01.2102006-058	S71C	GW			G		4	1 N	3 N	3 N
PIN12-01.2102006-059	S71D	GW			G		4	1 N	3 N	3 N
PIN12-01.2102006-060	S73B	GW			G		4	1 N	3 N	3 N
PIN12-01.2102006-061	S73C	GW			G		4	1 N	3 N	3 N
PIN12-01.2102006-062	2198	GW			G		7	1 N	3 N	6 N
PIN12-01.2102006-063	2199	GW			G		7	1 N	3 N	6 N
PIN12-01.2102006-064	2200	GW			G		7	1 N	3 N	6 N
PIN12-01.2102006-065	2201	GW			G		7	1 N	3 N	6 N
PIN12-01.2102006-066	2202	GW			G		7	1 N	3 N	6 N
PIN12-01.2102006-067	2203	WATER			G		4	1 N	3 N	6 N
PIN12-01.2102006-068	2204	WATER			G		4	1 N	3 N	6 N
PIN12-01.2102006-069	2205	WATER	3/1/21	0900	G		3 AKT	1 N	2 N KT	
PIN12-01.2102006-070	2206	WATER			G		4	1 N	3 N	KKP 3/3/2021

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ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELEASED BY: <i>[Signature]</i>	DATE/TIME: 3-2-21 1705	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: 3-2-21 1705
		3-3-21 1455		3-3-21 1455
		3-3-21 1700		3/4/21 1000



Chain of Custody / Sample Submittal Form

Task Code: PIN12-01.2102006	COC ID: PIN12-01.2102006-COC.6	TURNAROUND TIME: 28
Facility Name: Industrial Drain Leaks Bldg 100	Lab Name: Eurofins TestAmerica Denver	Shipping Company:
Project Number: 1.101.1.06.509.2.01	Address: 4955 Yarrow Street	Tracking Number:
Project Name: Pinellas Bldg 100 Monitoring	City: Arvada State: CO	Cooler Count:
	Postal Code: 80002	Date Shipped:
	Phone Number: 303-736-0100	Sampled by:
	PO Number:	Sampler 2:

SAMPLE DETAILS							ANALYSIS REQUESTED			Filtered - F: Fi
Sample ID	Location	Matrix	Date	Time (24hr)	G=Grab C=Comp QC	# of Cont	GLASS 40 ML	GLASS 40 ML		
PIN12-01.2102006-071	2207	WATER			G	4	1 N	3 N		
PIN12-01.2102006-072	2208	WATER			G	4	1 N	3 N		
PIN12-01.2102006-073	2209	WATER			G	4	1 N	3 N	KKP	3/3/2021
PIN12-01.2102006-074	2210	WATER			G	4	1 N	3 N		
PIN12-01.2102006-075	0579-2	GW	3/1/21	1018	G	4	1 N	3 N		
PIN12-01.2102006-076	0554A	GW			G	4	1 N	3 N		
PIN12-01.2102006-077	0555A	GW			G	4	1 N	3 N	KKP	3/3/2021
PIN12-01.2102006-078	0565-1	GW			G	4	1 N	3 N		
PIN12-01.2102006-079	0570-1	GW			G	4	1 N	3 N		
PIN12-01.2102006-080	0573-3	GW			G	4	1 N	3 N		
PIN12-01.2102006-081	0577-2	GW	3/1/21	1100	G	4	1 N	3 N		
PIN12-01.2102006-082	0577-3	GW	3/1/21	1200	G	4	1 N	3 N		
PIN12-01.2102006-083	0578-3	GW	3/1/21	1404	G	4	1 N	3 N		
PIN12-01.2102006-084	0580-1	GW			G	4	1 N	3 N	KKP	3/3/2021

ADDITIONAL COMMENTS/SPECIAL INSTRUCTIONS	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	<i>[Signature]</i>	3-2-21 1705	<i>[Signature]</i>	3-2-21 1705
	<i>[Signature]</i>	3-3-21 1455	<i>[Signature]</i>	3-3-21 1455
	<i>[Signature]</i>	3-3-21 1700	<i>[Signature]</i>	3/4/21 1000

Login Sample Receipt Checklist

Client: Navarro Research and Engineering, Inc

Job Number: 280-146023-1
SDG Number: PIN12-01.2102006

Login Number: 146023
List Number: 1
Creator: Rystrom, Joshua R

List Source: Eurofins TestAmerica, Denver

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	False	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Appendix B

Sampling Logs, February–March 2021

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Water Sampling Field Data

Date: 3-1-2021

Location ID: 0541

Project Location: Pinellas

Sample ID: PIN12-01.2102006-001

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.99</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>20.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>20.0</u> (1/4" i.d. tubing) (0.25L)		Other _____
Micropurge: 1 equip vol, L <u>0.45</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>1.35</u>		

Purge Data		Field Measurements Made:				<input type="checkbox"/> Open Container		<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU		
<u>941</u>	← Start of Purge										
<u>953</u>	<u>1.4</u>	<u>4.24</u>	<u>27.81</u>	<u>976</u>	<u>4.9</u>	<u>0.38</u>	<u>6.76</u>	<u>-53.5</u>	<u>5.47</u>		
<u>955</u>	<u>1.6</u>	<u>4.24</u>	<u>27.83</u>	<u>976</u>	<u>4.5</u>	<u>0.36</u>	<u>6.76</u>	<u>-54.3</u>	<u>3.78</u>		
<u>957</u>	<u>1.8</u>	<u>4.24</u>	<u>27.86</u>	<u>975</u>	<u>3.8</u>	<u>0.29</u>	<u>6.78</u>	<u>-54.8</u>	<u>4.21</u>		

Sample Time: 958

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75°F, sunny</u> Comments: _____ _____ _____
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Well Condition:

Acceptable

See Comments

Sampler Signature: Kasai Pina Date: 3-1-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 0542

Project Location: Pinellas

Sample ID: PIN12-01.210206-002

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.0</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>30.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>30.0</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>0.55</u> = 0.01 L/ft tubing + flowcell (<u>0.25</u>)		
Micropurge: 3 equip vol, L <u>1.65</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU	
<u>1010</u>	← Start of Purge									
<u>1021</u>	<u>1.7</u>	<u>4.08</u>	<u>28.30</u>	<u>941</u>	<u>2.8</u>	<u>0.22</u>	<u>6.86</u>	<u>-59.3</u>	<u>8.54</u>	
<u>1023</u>	<u>1.9</u>	<u>4.08</u>	<u>28.26</u>	<u>945</u>	<u>2.9</u>	<u>0.22</u>	<u>6.87</u>	<u>-59.6</u>	<u>6.91</u>	
<u>1025</u>	<u>2.2</u>	<u>4.08</u>	<u>28.27</u>	<u>940</u>	<u>2.6</u>	<u>0.20</u>	<u>6.88</u>	<u>-61.9</u>	<u>5.87</u>	

Sample Time: 1026

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75°F, sunny</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kasmi Pinner Date: 3-1-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0551-2

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 003

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.64</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.79</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1431</u>	← Start of Purge								
<u>1442</u>	<u>0.9</u>	<u>-</u>	<u>26.90</u>	<u>1489</u>	<u>14.9</u>	<u>1.19</u>	<u>6.65</u>	<u>-61.4</u>	<u>0.90</u>
<u>1445</u>	<u>1.2</u>	<u>-</u>	<u>26.78</u>	<u>1492</u>	<u>14.1</u>	<u>1.11</u>	<u>6.65</u>	<u>-62.5</u>	<u>0.97</u>
<u>1448</u>	<u>1.5</u>	<u>-</u>	<u>26.77</u>	<u>1491</u>	<u>12.5</u>	<u>1.00</u>	<u>6.65</u>	<u>-64.3</u>	<u>1.82</u>

Sample Time: 1449

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>82°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-1-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-21

Location ID: 0554-A

Project Location: Pinellas

Sample ID: PN12-DI-2102006-070

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.83</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time <u>#1</u>
Depth of Well, ft <u>13.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>13.0</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>0.37</u> <u>1.4</u> = 0.04 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>NA</u> (<u>13.0-3.83</u>) x 0.04 gal		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>10:51</u>	← Start of Purge								
<u>11:00</u>	<u>1.4</u>	<u>4.17</u>	<u>25.46</u>	<u>726</u>	<u>4.2</u>	<u>0.35</u>	<u>6.79</u>	<u>-12.5</u>	<u>2.68</u>
<u>11:02</u>	<u>1.6</u>	<u>4.17</u>	<u>25.46</u>	<u>726</u>	<u>3.5</u>	<u>0.29</u>	<u>6.80</u>	<u>-14.9</u>	<u>2.08</u>
<u>11:05</u>	<u>1.9</u>	<u>4.17</u>	<u>25.49</u>	<u>726</u>	<u>3.3</u>	<u>0.28</u>	<u>6.80</u>	<u>-16.9</u>	<u>1.94</u>

Sample Time: 11:00

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>73°F, sunny</u> Comments: <u>* partially submerged screen</u>
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Well Condition:

Acceptable

See Comments

Sampler Signature: Kassi Pince Date: 2/25/21

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-21

Location ID: 0554-B

Project Location: Pinellas

Sample ID: PIN12.012102006-004

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.67</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>23.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>23.0</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>0.48</u>	= 0.01 L/ft tubing + flowcell (0.25L)	
Micropurge: 3 equip vol, L <u>1.44</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>9:49</u>	← Start of Purge								
<u>10:03</u>	<u>1.5</u>	<u>3.73</u>	<u>26.10</u>	<u>630</u>	<u>3.5</u>	<u>0.28</u>	<u>6.71</u>	<u>-35.6</u>	<u>58.7</u>
<u>10:18</u>	<u>3.2</u>	<u>3.72</u>	<u>26.16</u>	<u>627</u>	<u>2.8</u>	<u>0.23</u>	<u>6.72</u>	<u>-41.1</u>	<u>34.6</u>
<u>10:20</u>	<u>3.5</u>	<u>3.72</u>	<u>26.24</u>	<u>629</u>	<u>2.9</u>	<u>0.25</u>	<u>6.71</u>	<u>-42.0</u>	<u>26.5</u>
<u>10:28</u>	<u>4.5</u>	<u>3.73</u>	<u>26.45</u>	<u>628</u>	<u>2.9</u>	<u>0.24</u>	<u>6.70</u>	<u>-42.9</u>	<u>27.3</u>
<u>10:30</u>	<u>4.7</u>	<u>3.73</u>	<u>26.45</u>	<u>628</u>	<u>2.8</u>	<u>0.24</u>	<u>6.71</u>	<u>-43.7</u>	<u>20.2</u>
<u>10:32</u>	<u>5.0</u>	<u>3.73</u>	<u>26.47</u>	<u>629</u>	<u>2.7</u>	<u>0.23</u>	<u>6.72</u>	<u>-44.5</u>	<u>17.2</u>
<u>10:34</u>	<u>5.2</u>	<u>3.73</u>	<u>26.49</u>	<u>629</u>	<u>3.0</u>	<u>0.24</u>	<u>6.70</u>	<u>-44.7</u>	<u>18.7</u>
<u>10:36</u>	<u>5.3</u>	<u>3.73</u>	<u>26.47</u>	<u>627</u>	<u>2.9</u>	<u>0.23</u>	<u>6.69</u>	<u>-43.8</u>	<u>15.1</u>

Sample Time: 10:37

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>66°F, sunny</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Purre Date: 2-25-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 29-25-21

Location ID: 0554-C

Project Location: Pinellas

PIN12-01.2102006-005 ← Sample ID: ~~PIN12-0554-C-N001~~

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.70</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>33.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>33.0</u> (1/4" i.d. tubing)	(0.25L)	Other _____
Micropurge: 1 equip vol, L <u>0.58</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>1.74</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>9:02</u>	← Start of Purge								
<u>9:15</u>	<u>1.9</u>	<u>3.80</u>	<u>25.96</u>	<u>768</u>	<u>6.7</u>	<u>0.52</u>	<u>6.96</u>	<u>-45.5</u>	<u>36.5</u>
<u>9:28</u>	<u>3.2</u>	<u>3.81</u>	<u>26.15</u>	<u>768</u>	<u>2.9</u>	<u>0.25</u>	<u>6.93</u>	<u>-49.5</u>	<u>16.8</u>
<u>9:30</u>	<u>3.4</u>	<u>3.80</u>	<u>26.16</u>	<u>771</u>	<u>2.9</u>	<u>0.24</u>	<u>6.91</u>	<u>-50.9</u>	<u>15.2</u>
<u>9:33</u>	<u>3.7</u>	<u>3.80</u>	<u>26.16</u>	<u>765</u>	<u>2.7</u>	<u>0.23</u>	<u>6.93</u>	<u>-48.5</u>	<u>14.1</u>

Sample Time: 9:34

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>64°F, Sunny</u> Comments: _____ _____ _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments

Sampler Signature: Kassi Pierce Date: 2/25/21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-21

Location ID: 0555-A

Project Location: Pinellas

Sample ID: Pin12-01.2102006-077

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.13</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>12.5</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>12.5</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>1.41</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>	(12.5 - 3.13) * 0.15 L	

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>11:30</u>	← Start of Purge								
<u>11:40</u>	<u>1.5</u>	<u>3.60</u>	<u>23.62</u>	<u>403</u>	<u>3.1</u>	<u>0.25</u>	<u>6.75</u>	<u>-80.1</u>	<u>2.18</u>
<u>11:42</u>	<u>1.7</u>	<u>3.60</u>	<u>23.64</u>	<u>397</u>	<u>3.4</u>	<u>0.30</u>	<u>6.74</u>	<u>-91.3</u>	<u>3.93</u>
<u>11:44</u>	<u>1.9</u>	<u>3.60</u>	<u>23.71</u>	<u>394</u>	<u>2.9</u>	<u>0.24</u>	<u>6.75</u>	<u>-96.9</u>	<u>1.95</u>

Sample Time: 11:44.5

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75°F, Sunny</u> Comments: <u>* partially submerged screen</u>
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Well Condition:

Acceptable

See Comments

Sampler Signature: Kassi Pina Date: 2-25-21

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0565-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 078

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.77</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID # <u>2</u>
CMT: 1 casing vol, L <u>0.46</u>	= 0.03 L/ft water in well	Turbidimeter ID # <u>2</u>
CMT: 1/4 casing vol, L <u>0.115</u>		Water Level ID # <u>2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1600</u>	← Start of Purge								
<u>1605</u>	<u>0.5</u>	<u>-</u>	<u>26.24</u>	<u>1070</u>	<u>1.4</u>	<u>0.11</u>	<u>6.13</u>	<u>2.4</u>	<u>0.81</u>
<u>1607</u>	<u>0.7</u>	<u>-</u>	<u>26.23</u>	<u>1087</u>	<u>1.5</u>	<u>0.12</u>	<u>6.13</u>	<u>-8.7</u>	<u>0.79</u>
<u>1609</u>	<u>0.9</u>	<u>-</u>	<u>26.19</u>	<u>1094</u>	<u>1.2</u>	<u>0.10</u>	<u>6.13</u>	<u>-16.2</u>	<u>1.81</u>

Sample Time: 1610

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>77°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-25-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0565-3

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 006

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.63</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>1.12</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.28</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>900</u>	← Start of Purge								
<u>912</u>	<u>1.2</u>	<u>-</u>	<u>23.88</u>	<u>772</u>	<u>2.9</u>	<u>0.24</u>	<u>6.14</u>	<u>-7.3</u>	<u>0.63</u>
<u>915</u>	<u>1.5</u>	<u>-</u>	<u>23.94</u>	<u>771</u>	<u>2.7</u>	<u>0.23</u>	<u>6.15</u>	<u>-14.8</u>	<u>0.47</u>
<u>918</u>	<u>1.8</u>	<u>-</u>	<u>23.99</u>	<u>771</u>	<u>2.5</u>	<u>0.21</u>	<u>6.17</u>	<u>-23.3</u>	<u>0.37</u>

Sample Time: 0919

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>66°, Clear</u> Comments: _____ _____ _____
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 2-26-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0569-1

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 007

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.33</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.41</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.1025</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>0948</u>	← Start of Purge								
<u>0953</u>	<u>0.5</u>	<u>-</u>	<u>23.98</u>	<u>2204</u>	<u>1.1</u>	<u>0.09</u>	<u>6.33</u>	<u>-59.8</u>	<u>1.47</u>
<u>0955</u>	<u>0.7</u>	<u>-</u>	<u>23.99</u>	<u>2211</u>	<u>1.1</u>	<u>0.09</u>	<u>6.36</u>	<u>-77.9</u>	<u>1.29</u>
<u>0957</u>	<u>0.9</u>	<u>-</u>	<u>23.97</u>	<u>2210</u>	<u>1.1</u>	<u>0.09</u>	<u>6.38</u>	<u>-89.1</u>	<u>1.08</u>

Sample Time: 0958

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>73° Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-26-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0569-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 008

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.41</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.74</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.185</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1017</u>	← Start of Purge								
<u>1025</u>	<u>0.8</u>	<u>-</u>	<u>25.00</u>	<u>1548</u>	<u>1.8</u>	<u>0.15</u>	<u>5.98</u>	<u>-70.2</u>	<u>2.22</u>
<u>1027</u>	<u>1.0</u>	<u>-</u>	<u>25.02</u>	<u>1519</u>	<u>1.6</u>	<u>0.13</u>	<u>5.98</u>	<u>-72.5</u>	<u>1.90</u>
<u>1029</u>	<u>1.2</u>	<u>-</u>	<u>24.97</u>	<u>1497</u>	<u>1.5</u>	<u>0.13</u>	<u>5.97</u>	<u>-74.2</u>	<u>2.27</u>

Sample Time: 1030

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>73°, Clear</u> Comments: _____ _____ _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments	Sampler Signature: <u>[Signature]</u> Checked By: _____	Date: <u>2-26-2021</u> Date: _____
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Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0569-3

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 009

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.42</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>1.07</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.268</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1102</u>	← Start of Purge								
<u>1121</u>	<u>1.2</u>	<u>-</u>	<u>26.13</u>	<u>1599</u>	<u>15.9</u>	<u>1.28</u>	<u>5.93</u>	<u>-64.0</u>	<u>7.61</u>
<u>1125</u>	<u>1.5</u>	<u>-</u>	<u>26.21</u>	<u>1592</u>	<u>2.7</u>	<u>0.24</u>	<u>5.92</u>	<u>-65.6</u>	<u>7.69</u>
<u>1129</u>	<u>1.8</u>	<u>-</u>	<u>26.26</u>	<u>1600</u>	<u>2.5</u>	<u>0.20</u>	<u>5.95</u>	<u>-70.0</u>	<u>5.52</u>
<u>1133</u>	<u>2.1</u>	<u>-</u>	<u>26.12</u>	<u>1594</u>	<u>1.6</u>	<u>0.13</u>	<u>5.96</u>	<u>-74.1</u>	<u>5.82</u>

Sample time
= 1134 from
COC
- JB

Sample Time: _____ Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-26-2021
Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0570-1

Project Location: Pinellas

Sample ID: PIN12-01-2102006 - 079

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.56</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.40</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.10</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1333</u>	← Start of Purge								
<u>1338</u>	<u>0.5</u>	<u>-</u>	<u>25.01</u>	<u>2562</u>	<u>2.7</u>	<u>0.22</u>	<u>6.00</u>	<u>34.0</u>	<u>0.92</u>
<u>1340</u>	<u>0.7</u>	<u>-</u>	<u>25.04</u>	<u>2561</u>	<u>2.4</u>	<u>0.20</u>	<u>6.02</u>	<u>18.8</u>	<u>0.43</u>
<u>1342</u>	<u>0.9</u>	<u>-</u>	<u>25.10</u>	<u>2562</u>	<u>2.3</u>	<u>0.19</u>	<u>6.03</u>	<u>5.8</u>	

Sample Time: 1343

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>84°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-26-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0570-2

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 010

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.60</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.73</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.183</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1407</u>	← Start of Purge								
<u>1414</u>	<u>0.8</u>	<u>-</u>	<u>26.30</u>	<u>1989</u>	<u>2.1</u>	<u>0.17</u>	<u>6.00</u>	<u>-21.4</u>	<u>0.53</u>
<u>1416</u>	<u>1.0</u>	<u>-</u>	<u>26.41</u>	<u>1979</u>	<u>1.9</u>	<u>0.15</u>	<u>6.00</u>	<u>-30.5</u>	<u>0.45</u>
<u>1418</u>	<u>1.2</u>	<u>-</u>	<u>26.41</u>	<u>1976</u>	<u>1.6</u>	<u>0.12</u>	<u>6.01</u>	<u>-39.2</u>	<u>0.45</u>

Sample Time: 1419

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>84°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-26-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-2021

Location ID: 12-0570-3

Project Location: Pinellas

Sample ID: PIN12-01.202006 - 011

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.60</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>1.06</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.265</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1445</u>	← Start of Purge								
<u>1500</u>	<u>1.2</u>	<u>-</u>	<u>26.41</u>	<u>1382</u>	<u>1.6</u>	<u>0.13</u>	<u>6.59</u>	<u>-25.6</u>	<u>2.86</u>
<u>1504</u>	<u>1.5</u>	<u>-</u>	<u>26.35</u>	<u>1386</u>	<u>1.9</u>	<u>0.16</u>	<u>6.52</u>	<u>-27.7</u>	<u>0.48</u>
<u>1508</u>	<u>1.8</u>	<u>-</u>	<u>26.30</u>	<u>1385</u>	<u>1.8</u>	<u>0.15</u>	<u>6.56</u>	<u>-29.8</u>	<u>3.05</u>

Sample Time: 1509

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>85°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-26-2021
Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0572-1

Project Location: Pinellas

Sample ID: PIN12-01-2102006 - 012

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.36</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID # <u>2</u>
CMT: 1 casing vol, L <u>0.47</u>	= 0.03 L/ft water in well	Turbidimeter ID # <u>2</u>
CMT: 1/4 casing vol, L <u>0.118</u>		Water Level ID # <u>2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1447</u>	← Start of Purge								
<u>1452</u>	<u>0.5</u>	<u>-</u>	<u>24.53</u>	<u>991</u>	<u>2.3</u>	<u>0.20</u>	<u>6.21</u>	<u>-17.2</u>	<u>1.97</u>
<u>1454</u>	<u>0.7</u>	<u>-</u>	<u>24.59</u>	<u>994</u>	<u>2.7</u>	<u>0.22</u>	<u>6.23</u>	<u>-25.9</u>	<u>1.92</u>
<u>1456</u>	<u>0.9</u>	<u>-</u>	<u>24.52</u>	<u>991</u>	<u>2.6</u>	<u>0.22</u>	<u>6.26</u>	<u>-32.3</u>	<u>2.24</u>

Sample Time: 1457

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-25-21
Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0572-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 013

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.36</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID # <u>2</u>
CMT: 1 casing vol, L <u>0.80</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>42</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft _____ (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L _____ = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L _____		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU	
<u>1517</u>	← Start of Purge									
<u>1525</u>	<u>0.8</u>	<u>-</u>	<u>24.97</u>	<u>1467</u>	<u>1.5</u>	<u>0.12</u>	<u>5.87</u>	<u>0.1</u>	<u>1.14</u>	
<u>1527</u>	<u>1.0</u>	<u>-</u>	<u>25.04</u>	<u>1474</u>	<u>1.9</u>	<u>0.16</u>	<u>5.87</u>	<u>-6.2</u>	<u>0.93</u>	
<u>1529</u>	<u>1.2</u>	<u>-</u>	<u>25.10</u>	<u>1472</u>	<u>2.9</u>	<u>0.24</u>	<u>5.89</u>	<u>-7.8</u>	<u>1.96</u>	

Sample Time: 1530

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79° Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: *J.M. Turner* Date: 2-25-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0573-2

Project Location: Pinellas

Sample ID: PN12-01.2102006 -014

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.38</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.80</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1121</u>	← Start of Purge								
<u>1130</u>	<u>0.8</u>	<u>-</u>	<u>27.58</u>	<u>1679</u>	<u>3.3</u>	<u>0.25</u>	<u>6.04</u>	<u>-45.6</u>	<u>1.73</u>
<u>1132</u>	<u>1.0</u>	<u>-</u>	<u>27.52</u>	<u>1682</u>	<u>2.9</u>	<u>0.23</u>	<u>6.04</u>	<u>-52.0</u>	<u>2.21</u>
<u>1134</u>	<u>1.2</u>	<u>-</u>	<u>27.49</u>	<u>1676</u>	<u>2.0</u>	<u>0.16</u>	<u>6.04</u>	<u>-64.8</u>	<u>2.11</u>

Sample Time: 1135

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>76°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-25-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0573-3

Project Location: Pinellas

Sample ID: PN12-01.2102001a - 080

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.47</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>1.13</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.28</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1350</u>	← Start of Purge								
<u>1408</u>	<u>1.2</u>	<u>-</u>	<u>27.72</u>	<u>1506</u>	<u>9.8</u>	<u>0.71</u>	<u>6.01</u>	<u>19.0</u>	<u>2.59</u>
<u>1412</u>	<u>1.5</u>	<u>-</u>	<u>27.71</u>	<u>1510</u>	<u>12.8</u>	<u>1.00</u>	<u>6.00</u>	<u>12.2</u>	<u>1.28</u>
<u>1416</u>	<u>1.8</u>	<u>-</u>	<u>27.84</u>	<u>1512</u>	<u>2.6</u>	<u>0.20</u>	<u>6.01</u>	<u>0.2</u>	<u>4.73</u>

Sample Time: 1417

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79°, Clear</u> Comments: _____ _____ _____
---	---	---

Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-25-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0574-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 015

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.43</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.41</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.103</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>0921</u>	← Start of Purge								
<u>0926</u>	<u>0.5</u>	<u>-</u>	<u>25.48</u>	<u>1308</u>	<u>2.8</u>	<u>0.23</u>	<u>6.37</u>	<u>2.4</u>	<u>3.89</u>
<u>0928</u>	<u>0.7</u>	<u>-</u>	<u>25.39</u>	<u>1299</u>	<u>3.8</u>	<u>0.31</u>	<u>6.40</u>	<u>-9.0</u>	<u>2.41</u>
<u>0930</u>	<u>0.9</u>	<u>-</u>	<u>25.44</u>	<u>1297</u>	<u>3.2</u>	<u>0.26</u>	<u>6.40</u>	<u>-12.6</u>	<u>3.41</u>

Sample Time: 0931

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>64°, Clear</u> Comments: _____ _____ _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments	Sampler Signature: <u>[Signature]</u> Checked By: _____	Date: <u>2-25-2021</u> Date: _____
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Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0574-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 016

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.28</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>0.74</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.185</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft _____	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L _____	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L _____		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>0952</u>	← Start of Purge								
<u>1000</u>	<u>0.8</u>	<u>-</u>	<u>26.43</u>	<u>1433</u>	<u>3.2</u>	<u>0.26</u>	<u>5.89</u>	<u>-29.4</u>	<u>7.35</u>
<u>1002</u>	<u>1.0</u>	<u>-</u>	<u>26.54</u>	<u>1431</u>	<u>3.3</u>	<u>0.26</u>	<u>5.90</u>	<u>-35.2</u>	<u>6.94</u>
<u>1004</u>	<u>1.2</u>	<u>-</u>	<u>26.60</u>	<u>1434</u>	<u>2.7</u>	<u>0.22</u>	<u>5.90</u>	<u>-40.1</u>	<u>6.57</u>

Sample Time: 1005

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>69°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-25-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-2021

Location ID: 12-0574-3

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 017

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.31</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#2</u>
CMT: 1 casing vol, L <u>1.07</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.27</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft _____ (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L _____ = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L _____		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1033</u>	← Start of Purge								
<u>1047</u>	<u>1.1</u>	<u>-</u>	<u>27.61</u>	<u>1682</u>	<u>4.9</u>	<u>0.38</u>	<u>6.11</u>	<u>-52.4</u>	<u>1.18</u>
<u>1050</u>	<u>1.4</u>	<u>-</u>	<u>27.69</u>	<u>1690</u>	<u>4.3</u>	<u>0.34</u>	<u>6.11</u>	<u>-57.0</u>	<u>0.39</u>
<u>1053</u>	<u>1.7</u>	<u>-</u>	<u>27.60</u>	<u>1694</u>	<u>4.2</u>	<u>0.33</u>	<u>6.11</u>	<u>-64.1</u>	<u>2.65</u>

Sample Time: ^{km}1058 1054

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>74°, Clear</u> Comments: _____ _____ _____
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 2-25-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-24-2021

Location ID: 12-0575-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 018

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.05</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>13F100887 (#2)</u>
CMT: 1 casing vol, L <u>0.42</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>20090D000500 (#2)</u>
CMT: 1/4 casing vol, L <u>0.105</u>		Water Level ID <u>221070 (#2)</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1445</u>	← Start of Purge								
<u>1452</u>	<u>0.5</u>	<u>-</u>	<u>27.09</u>	<u>1459</u>	<u>4.9</u>	<u>0.39</u>	<u>6.71</u>	<u>0.0</u>	<u>0.79</u>
<u>1454</u>	<u>0.8</u>	<u>-</u>	<u>27.16</u>	<u>1461</u>	<u>3.9</u>	<u>0.31</u>	<u>6.71</u>	<u>-6.3</u>	<u>0.57</u>
<u>1456</u>	<u>1.1</u>	<u>-</u>	<u>27.07</u>	<u>1460</u>	<u>3.2</u>	<u>0.25</u>	<u>6.71</u>	<u>-11.6</u>	<u>0.54</u>

Sample Time: 1457

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>76°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-24-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-24-2021

Location ID: 12-0575-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 019

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.01</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u># 2</u>
CMT: 1 casing vol, L <u>0.75</u>	= 0.03 L/ft water in well	Turbidimeter ID <u># 2</u>
CMT: 1/4 casing vol, L <u>0.188</u>		Water Level ID <u># 2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1523</u>	← Start of Purge								
<u>1529</u>	<u>0.8</u>	<u>-</u>	<u>27.42</u>	<u>1662</u>	<u>3.2</u>	<u>0.25</u>	<u>6.72</u>	<u>-8.3</u>	<u>2.65</u>
<u>1532</u>	<u>1.1</u>	<u>-</u>	<u>27.46</u>	<u>1663</u>	<u>3.4</u>	<u>0.26</u>	<u>6.72</u>	<u>-22.6</u>	<u>2.67</u>
<u>1535</u>	<u>1.4</u>	<u>-</u>	<u>27.50</u>	<u>1665</u>	<u>2.5</u>	<u>0.19</u>	<u>6.71</u>	<u>-34.9</u>	<u>1.37</u>

Sample Time: 1536

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>76°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 2-24-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0576-1

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 020

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.78</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>13</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.28</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.07</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft _____ (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L _____ = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L _____		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1636</u>	← Start of Purge								
<u>1642</u>	<u>0.3</u>	<u>-</u>	<u>24.26</u>	<u>1341</u>	<u>18.3</u>	<u>1.53</u>	<u>6.38</u>	<u>-207.6</u>	<u>7.17</u>
<u>1644</u>	<u>0.5</u>	<u>-</u>	<u>24.21</u>	<u>1350</u>	<u>17.3</u>	<u>1.43</u>	<u>6.36</u>	<u>-216.1</u>	<u>3.88</u>
<u>1646</u>	<u>0.7</u>	<u>-</u>	<u>24.17</u>	<u>1350</u>	<u>15.4</u>	<u>1.28</u>	<u>6.35</u>	<u>-219.2</u>	<u>2.63</u>

Sample Time: 1647

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>78°, Clear</u> Comments: _____ _____ _____
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 3-1-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0576-2

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 021

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.96</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>24</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.60</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.15</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1605</u>	← Start of Purge								
<u>1614</u>	<u>0.6</u>	<u>-</u>	<u>25.57</u>	<u>1080</u>	<u>7.1</u>	<u>0.58</u>	<u>6.41</u>	<u>-225.6</u>	<u>60.3</u>
<u>1616</u>	<u>0.8</u>	<u>-</u>	<u>25.54</u>	<u>1078</u>	<u>7.3</u>	<u>0.60</u>	<u>6.41</u>	<u>-232.1</u>	<u>62.0</u>
<u>1618</u>	<u>1.0</u>	<u>-</u>	<u>25.54</u>	<u>1072</u>	<u>7.5</u>	<u>0.61</u>	<u>6.41</u>	<u>-235.6</u>	<u>7.55</u>
<u>1620</u>	<u>1.2</u>	<u>-</u>	<u>25.55</u>	<u>1070</u>	<u>7.6</u>	<u>0.63</u>	<u>6.41</u>	<u>-237.2</u>	<u>2.96</u>
<u>1622</u>	<u>1.4</u>	<u>-</u>	<u>25.57</u>	<u>1069</u>	<u>7.8</u>	<u>0.64</u>	<u>6.41</u>	<u>-240.2</u>	<u>2.16</u>

Sample Time: 1623

Filtration: Yes No

Well Category:

Micropurge

CMT

Sample Storage:

Ice in cooler?

Yes

Weather: 80°, Clear

Comments: After the 1st two high turbidity readings, we switched to a new turbidity sample vial and readings were much lower.

Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature]

Checked By: _____

Date: 3-1-2021

Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0576-3

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 022

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.06</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>35</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.93</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.235</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1521</u>	← Start of Purge								
<u>1535</u>	<u>1.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>901</u>
<u>1540</u>	<u>1.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>883</u>
<u>1545</u>	<u>1.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>875</u>

Sample Time: 1546

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>82°, Clear</u> Comments: <u>Cloudy, some sheen to water. We did not run through the 45T. Sampled via program directive for impacted wells. No matter how slow the pump is, there are some air bubbles. Sampled on secondary criteria for turbidity (within 5%).</u>
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 3-1-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0577-2

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 081

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.34</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>24</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.59</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.148</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1047</u>	← Start of Purge								
<u>1055</u>	<u>0.7</u>	<u>-</u>	<u>26.31</u>	<u>994</u>	<u>10.6</u>	<u>0.85</u>	<u>6.59</u>	<u>-84.7</u>	<u>1.90</u>
<u>1057</u>	<u>0.9</u>	<u>-</u>	<u>26.30</u>	<u>994</u>	<u>9.8</u>	<u>0.79</u>	<u>6.60</u>	<u>-86.5</u>	<u>1.30</u>
<u>1059</u>	<u>1.1</u>	<u>-</u>	<u>26.34</u>	<u>994</u>	<u>9.1</u>	<u>0.73</u>	<u>6.60</u>	<u>-89.0</u>	<u>1.58</u>

Sample Time: 1100

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>78°, Clear</u> Comments: _____ _____ _____
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 3-1-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0577-3

Project Location: Pinellas

Sample ID: PA12-01.2102006 - 082

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.35</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>35</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.92</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.23</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1128</u>	← Start of Purge								
<u>1149</u>	<u>1.0</u>	<u>-</u>	<u>27.07</u>	<u>1343</u>	<u>15.0</u>	<u>1.19</u>	<u>6.67</u>	<u>-70.1</u>	<u>1.42</u>
<u>1154</u>	<u>1.3</u>	<u>-</u>	<u>27.04</u>	<u>1345</u>	<u>14.3</u>	<u>1.14</u>	<u>6.67</u>	<u>-71.2</u>	<u>0.93</u>
<u>1159</u>	<u>1.6</u>	<u>-</u>	<u>27.01</u>	<u>1343</u>	<u>13.3</u>	<u>1.07</u>	<u>6.66</u>	<u>-71.4</u>	<u>0.95</u>

Sample Time: 1200

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>81°, Clear</u> Comments: _____ _____ _____
---	---	---

Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-1-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0578-3

Project Location: Pinellas

Sample ID: PN12-01.2102006 - 083

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.22</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>35</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.92</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.23</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container		<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU	
<u>1347</u>	← Start of Purge									
<u>1357</u>	<u>1.0</u>	<u>-</u>	<u>27.70</u>	<u>1120</u>	<u>9.6</u>	<u>0.76</u>	<u>6.53</u>	<u>-61.6</u>	<u>0.91</u>	
<u>1400</u>	<u>1.3</u>	<u>-</u>	<u>27.70</u>	<u>1121</u>	<u>9.2</u>	<u>0.72</u>	<u>6.53</u>	<u>-63.0</u>	<u>0.58</u>	
<u>1403</u>	<u>1.6</u>	<u>-</u>	<u>27.74</u>	<u>1123</u>	<u>8.6</u>	<u>0.67</u>	<u>6.53</u>	<u>-55.6</u>	<u>0.33</u>	

Sample Time: 1404

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>81°, Clear</u> Comments: _____ _____ _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments	Sampler Signature: <u>[Signature]</u> Checked By: _____	Date: <u>3-1-2021</u> Date: _____
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Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0579-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 075

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.97</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>24</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u> SN: <u>04D5733 AC</u>
CMT: 1 casing vol, L <u>0.60</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.15</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1002</u>	← Start of Purge								
<u>1011</u>	<u>0.7</u>	<u>-</u>	<u>24.61</u>	<u>1018</u>	<u>13.5</u>	<u>1.11</u>	<u>6.62</u>	<u>-84.1</u>	<u>0.72</u>
<u>1014</u>	<u>0.9</u>	<u>-</u>	<u>24.70</u>	<u>1019</u>	<u>11.1</u>	<u>0.92</u>	<u>6.62</u>	<u>-88.9</u>	<u>0.44</u>
<u>1017</u>	<u>1.1</u>	<u>-</u>	<u>24.74</u>	<u>1019</u>	<u>10.3</u>	<u>0.86</u>	<u>6.62</u>	<u>-91.7</u>	<u>0.41</u>

Sample Time: 1018

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>77°, Clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-1-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2/24/21

Location ID: 0580-1

Project Location: Pinellas PIN12-01, 212102000-084 ← Sample ID: ~~12-0580~~ - 1

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.11</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	#1 YSI ID <u>08K100597</u>
CMT: 1 casing vol, L <u>0.42</u> = 0.03 L/ft water in well		#1 Turbidimeter ID <u>19190C082301</u>
CMT: 1/4 casing vol, L <u>0.105</u>		Water Level ID _____
Micropurge: Tubing Length, ft <u>NA</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>NA</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>13:21</u>	← Start of Purge								
<u>13:25</u>	<u>0.50</u>	<u>-</u>	<u>26.80</u>	<u>780</u>	<u>10.8</u>	<u>0.85</u>	<u>6.79</u>	<u>-24.5</u>	<u>1.00</u>
<u>13:27</u>	<u>0.80</u>	<u>-</u>	<u>26.82</u>	<u>772</u>	<u>7.5</u>	<u>0.58</u>	<u>6.77</u>	<u>-35.5</u>	<u>1.13</u>
<u>13:30</u>	<u>1.0</u>	<u>-</u>	<u>26.75</u>	<u>767</u>	<u>6.0</u>	<u>0.48</u>	<u>6.78</u>	<u>-39.4</u>	<u>1.00</u>

Sample Time: 13:31

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75°, cloudy</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassie Pirell Date: 2/24/21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2/24/21

Location ID: 0580-2

Project Location: Pinellas

12-01 2102006-025 Sample ID: ~~12-0580~~-2

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.11</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.75</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.1875</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data		Field Measurements Made:				<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>13:58</u>	← Start of Purge								
<u>14:07</u>	<u>0.80</u>	<u>-</u>	<u>27.28</u>	<u>1157</u>	<u>4.9</u>	<u>0.38</u>	<u>6.70</u>	<u>-86.0</u>	<u>33.0</u>
<u>14:15</u>	<u>1.50</u>	<u>-</u>	<u>27.38</u>	<u>1172</u>	<u>4.3</u>	<u>0.34</u>	<u>6.73</u>	<u>-105.8</u>	<u>17.9</u>
<u>14:17</u>	<u>1.70</u>	<u>-</u>	<u>27.34</u>	<u>1173</u>	<u>4.2</u>	<u>0.33</u>	<u>6.73</u>	<u>-107.6</u>	<u>12.1</u>
<u>14:18/19</u>	<u>2.0</u>	<u>-</u>	<u>27.26</u>	<u>1173</u>	<u>3.4</u>	<u>0.26</u>	<u>6.72</u>	<u>-108.8</u>	<u>7.02</u>

Sample Time: 14:20

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75°, clear</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pierce Date: 2/24/21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2/24/21

Location ID: 0-580-3

Project Location: Pinellas

12-01 2102000-024

Sample ID: ~~12-0580~~-3

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.10</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>1.08</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.270</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU	
<u>14:30</u>	← Start of Purge									
<u>14:50</u>	<u>1.10</u>	<u>-</u>	<u>27.22</u>	<u>1572</u>	<u>3.5</u>	<u>0.28</u>	<u>6.81</u>	<u>-59.3</u>	<u>4.39</u>	
<u>14:52</u>	<u>1.40</u>	<u>-</u>	<u>27.20</u>	<u>1573</u>	<u>3.0</u>	<u>0.29</u>	<u>6.82</u>	<u>-62.2</u>	<u>5.46</u>	
<u>14:55</u>	<u>1.70</u>	<u>-</u>	<u>27.20</u>	<u>1573</u>	<u>3.3</u>	<u>0.26</u>	<u>6.82</u>	<u>-63.3</u>	<u>4.50</u>	

Sample Time: 14:50

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler?
- Yes

Weather: 75°, clear

Comments: _____

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kassi Purre

Date: 2/24/21

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 12-0581-1

Project Location: Pinellas

Sample ID: PIN12-01*2102006-025

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.61</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.43</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.108</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1344</u>	← Start of Purge								
1350 <u>1344</u>	<u>0.0</u>	<u>-</u>	<u>28.02</u>	<u>1072</u>	<u>3.3</u>	<u>0.26</u>	<u>6.69</u>	<u>-48.3</u>	<u>686</u>
<u>13:52</u>	<u>1.0</u>	<u>-</u>	<u>28.03</u>	<u>1069</u>	<u>3.1</u>	<u>0.24</u>	<u>6.68</u>	<u>-50.8</u>	<u>599</u>
<u>1356</u>	<u>1.5</u>	<u>-</u>	<u>28.02</u>	<u>1066</u>	<u>2.9</u>	<u>0.27</u>	<u>6.61</u>	<u>-51.7</u>	<u>363</u>
<u>1400</u>	<u>2.0</u>	<u>-</u>	<u>28.01</u>	<u>1065</u>	<u>2.7</u>	<u>0.21</u>	<u>6.65</u>	<u>-54.9</u>	<u>160</u>
<u>1404</u>	<u>2.5</u>	<u>-</u>	<u>28.00</u>	<u>1063</u>	<u>2.6</u>	<u>0.19</u>	<u>6.66</u>	<u>-57.1</u>	<u>87.5</u>
<u>1407</u>	<u>3.0</u>	<u>-</u>	<u>28.02</u>	<u>1062</u>	<u>2.1</u>	<u>0.16</u>	<u>6.68</u>	<u>-59.5</u>	<u>47.7</u>
<u>1416</u>	<u>4.0</u>	<u>-</u>	<u>27.93</u>	<u>1062</u>	<u>2.9</u>	<u>0.23</u>	<u>6.69</u>	<u>-62.2</u>	<u>27.1</u>
<u>1418</u>	<u>4.3</u>	<u>-</u>	<u>27.97</u>	<u>1060</u>	<u>2.0</u>	<u>0.15</u>	<u>6.69</u>	<u>-63.8</u>	<u>26.5</u>
<u>1420</u>	<u>4.5</u>	<u>-</u>	<u>27.98</u>	<u>1062</u>	<u>1.6</u>	<u>0.13</u>	<u>6.69</u>	<u>-65.0</u>	<u>29.3</u>

Sample Time: 1421

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler?
- Yes

Weather: 82°F, sunny

Comments: _____

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kassi Prince

Date: 3-1-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 0581-2

Project Location: Pinellas

Sample ID: PN12-01.2102006-026

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.41</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
<u>0.77</u> CMT: 1 casing vol, L <u>25.59 x 0.03 = 0.03</u> L/ft water in well		Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.19</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>NA</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>14:37</u>	← Start of Purge								
<u>1445</u>	<u>0.8</u>	<u>-</u>	<u>28.25</u>	<u>1312</u>	<u>2.3</u>	<u>0.17</u>	<u>6.85</u>	<u>-150.3</u>	<u>36.9</u>
<u>1451</u>	<u>1.5</u>	<u>-</u>	<u>28.35</u>	<u>1314</u>	<u>2.6</u>	<u>0.21</u>	<u>6.84</u>	<u>-157.6</u>	<u>54.8</u>
<u>1454</u>	<u>2.0</u>	<u>-</u>	<u>28.46</u>	<u>1314</u>	<u>2.2</u>	<u>0.16</u>	<u>6.82</u>	<u>-160.3</u>	<u>27.3</u>
<u>1457</u>	<u>2.3</u>	<u>-</u>	<u>28.48</u>	<u>1315</u>	<u>2.1</u>	<u>0.16</u>	<u>6.82</u>	<u>-160.2</u>	<u>19.1</u>
<u>151459</u>	<u>2.6</u>	<u>-</u>	<u>28.48</u>	<u>1316</u>	<u>1.7</u>	<u>0.13</u>	<u>6.81</u>	<u>-160.8</u>	<u>13.1</u>
<u>1501</u>	<u>2.8</u>	<u>-</u>	<u>28.48</u>	<u>1316</u>	<u>1.7</u>	<u>0.13</u>	<u>6.81</u>	<u>-161.0</u>	<u>10.7</u>

Sample Time: 1502

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler?
- Yes

Weather: 82°F, Sunny

Comments: _____

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kassi Perici

Date: 3-1-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 0581-3

Project Location: Pinellas

Sample ID: PIN12-01-2102006-027

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.77</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>1.09</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.27</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1514</u>	← Start of Purge								
<u>1518</u>	<u>0.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>~1000</u>
<u>1520</u>	<u>0.9</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>~1000</u>
<u>1523</u>	<u>1.4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>~1000</u>
<u>1525</u>	<u>1.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>~1000</u>
<u>1526</u>	<u>1.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>475</u>
<u>1528</u>	<u>2.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>304</u>
<u>1530</u>	<u>2.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>185</u>
<u>1533</u>	<u>2.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>150</u>
<u>1534</u>	<u>2.8</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>141</u>
<u>1536</u>	<u>3.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>184</u>

Sample Time: 1537

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler? _____
- Yes

Weather: 81°F, sunny

Comments:

-program directive PIN-2018-02
-very milky water, but not oily
-pump slow as can but still pulling air bubbles
-secondary stabilization not achieved

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kashi Patel

Date: 3-1-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: 0582-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006-028

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.84</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.45</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.114</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1555</u>	← Start of Purge								
<u>1609</u>	<u>1.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>128</u>
<u>1611</u>	<u>1.9</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>82</u>
<u>1613</u>	<u>2.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>50.1</u>
<u>1615</u>	<u>2.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>50.7</u>
<u>1617</u>	<u>2.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>59.0</u>
<u>1621</u>	<u>3.2</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>>1000</u>
<u>1624</u>	<u>3.4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>660</u>
<u>1625</u>	<u>3.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>884</u>

Sample Time: 1626

Filtration: Yes No

Well Category:

- Micropurge
 CMT

Sample Storage:

- Ice in cooler?
 Yes

Weather: 81°F, sunny

Comments:
- program directive PIN-2018-02
- soybean oil order (slight) and particulates
- secondary turbidity not achieved - sample collected

Well Condition:

- Acceptable
 See Comments

Sampler Signature: Kassi Perry Date: 3-1-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0582-2

Project Location: Pinellas

Sample ID: PN12-01.210206 - 029

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.86</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.78</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>NA</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data			Field Measurements Made:				<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>838</u>	← Start of Purge								
<u>853</u>	<u>1.5</u>	<u>-</u>	<u>27.59</u>	<u>1838</u>	<u>4.5</u>	<u>0.36</u>	<u>6.49</u>	<u>-132.3</u>	<u>40.8</u>
<u>857</u>	<u>2.0</u>	<u>-</u>	<u>27.68</u>	<u>1809</u>	<u>9.2</u>	<u>0.74</u>	<u>6.59</u>	<u>-160.4</u>	<u>20.7</u>
<u>859</u>	<u>2.2</u>	<u>-</u>	<u>27.80</u>	<u>1805</u>	<u>8.7</u>	<u>0.66</u>	<u>6.60</u>	<u>-169.8</u>	<u>17.8</u>
<u>901</u>	<u>2.4</u>	<u>-</u>	<u>27.86</u>	<u>1801</u>	<u>7.4</u>	<u>0.57</u>	<u>6.62</u>	<u>-177.1</u>	<u>13.1</u>
<u>903</u>	<u>2.6</u>	<u>-</u>	<u>27.83</u>	<u>1796</u>	<u>5.8</u>	<u>0.44</u>	<u>6.64</u>	<u>-186.1</u>	<u>14.0</u>

Sample Time: 904

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>72°F, Sunny</u> Comments: <u>- Soybean oil odor</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pince Date: 3-2-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0582-3

Project Location: Pinellas

Sample ID: PIN12-01-2102006-036

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.47</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>1.10</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.27</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU	
<u>916</u>	← Start of Purge									
<u>927</u>	<u>1.1</u>	<u>-</u>	<u>30.80</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>572</u>	
<u>931</u>	<u>1.5</u>	<u>-</u>	<u>28.12</u>	<u>1705</u>	<u>7.6</u>	<u>0.58</u>	<u>6.54</u>	<u>-50.8</u>	<u>346</u>	
<u>936</u>	<u>1.9</u>	<u>-</u>	<u>28.13</u>	<u>1695</u>	<u>3.6</u>	<u>0.28</u>	<u>6.56</u>	<u>-63.6</u>	<u>272</u>	
<u>940</u>	<u>2.3</u>	<u>-</u>	<u>28.17</u>	<u>1690</u>	<u>3.2</u>	<u>0.25</u>	<u>6.57</u>	<u>-68.1</u>	<u>102</u>	
<u>943</u>	<u>2.6</u>	<u>-</u>	<u>28.22</u>	<u>1687</u>	<u>3.1</u>	<u>0.23</u>	<u>6.57</u>	<u>-69.6</u>	<u>82.7</u>	
<u>945</u>	<u>3.0</u>	<u>-</u>	<u>28.28</u>	<u>1687</u>	<u>3.4</u>	<u>0.27</u>	<u>6.56</u>	<u>-70.8</u>	<u>69.5</u>	
<u>949</u>	<u>3.5</u>	<u>-</u>	<u>28.23</u>	<u>1683</u>	<u>3.1</u>	<u>0.24</u>	<u>6.57</u>	<u>-73.4</u>	<u>48.8</u>	
<u>952</u>	<u>3.7</u>	<u>-</u>	<u>28.24</u>	<u>1682</u>	<u>2.7</u>	<u>0.21</u>	<u>6.57</u>	<u>-73.1</u>	<u>49.5</u>	
<u>954</u>	<u>4.0</u>	<u>-</u>	<u>28.22</u>	<u>1681</u>	<u>3.0</u>	<u>0.23</u>	<u>6.57</u>	<u>-73.4</u>	<u>44.2</u>	
<u>956</u>	<u>4.2</u>	<u>-</u>	<u>28.30</u>	<u>1678</u>	<u>2.6</u>	<u>0.19</u>	<u>6.57</u>	<u>-73.0</u>	<u>41.8</u>	
<u>958</u>	<u>4.4</u>	<u>-</u>	<u>28.32</u>	<u>1680</u>	<u>2.7</u>	<u>0.21</u>	<u>6.56</u>	<u>-72.3</u>	<u>42.2</u>	

Sample Time: 959

Filtration: Yes No

Well Category:

- Micropurge
 CMT

Sample Storage:

- Ice in cooler?
 Yes

Weather: 75° F, Sunny

Comments:

- soybean oil odor
- pump on lowest speed but air still in tubing.
- samples effervescent

Well Condition:

- Acceptable
 See Comments

Sampler Signature: Kassi Pine

Date: 3-2-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0583-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006-031

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.90</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.45</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.113</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1024</u>	← Start of Purge								
<u>1044</u>	<u>2.1</u>	-	-	-	-	-	-	-	<u>180</u>
<u>1049</u>	<u>2.5</u>	-	<u>27.98</u>	<u>982</u>	<u>3.4</u>	<u>0.26</u>	<u>6.58</u>	<u>-76.6</u>	<u>90.7</u>
<u>1053</u>	<u>3.0</u>	-	<u>27.97</u>	<u>970</u>	<u>2.5</u>	<u>0.19</u>	<u>6.59</u>	<u>-84.4</u>	<u>53.2</u>
<u>1057</u>	<u>3.4</u>	-	<u>27.99</u>	<u>963</u>	<u>2.1</u>	<u>0.16</u>	<u>6.59</u>	<u>-87.2</u>	<u>46.3</u>
<u>1100</u>	<u>3.7</u>	-	<u>27.91</u>	<u>960</u>	<u>2.0</u>	<u>0.16</u>	<u>6.58</u>	<u>-87.6</u>	<u>43.1</u>
<u>1102</u>	<u>3.9</u>	-	<u>27.92</u>	<u>957</u>	<u>2.2</u>	<u>0.17</u>	<u>6.58</u>	<u>-85.6</u>	<u>33.7</u>
<u>1104</u>	<u>4.1</u>	-	<u>27.98</u>	<u>955</u>	<u>2.0</u>	<u>0.16</u>	<u>6.58</u>	<u>-88.7</u>	<u>32.5</u>
<u>1106</u>	<u>4.3</u>	-	<u>28.08</u>	<u>954</u>	<u>2.0</u>	<u>0.16</u>	<u>6.58</u>	<u>-89.9</u>	<u>25.9</u>
<u>1111</u>	<u>4.8</u>	-	<u>28.05</u>	<u>949</u>	<u>2.0</u>	<u>0.16</u>	<u>6.58</u>	<u>-91.3</u>	<u>18.6</u>
<u>1113</u>	<u>5.45.1</u>	-	<u>28.06</u>	<u>948</u>	<u>2.0</u>	<u>0.16</u>	<u>6.59</u>	<u>-92.0</u>	<u>19.3</u>
<u>1115</u>	<u>5.3</u>	-	<u>28.06</u>	<u>948</u>	<u>2.1</u>	<u>0.17</u>	<u>6.59</u>	<u>-92.0</u>	<u>16.7</u>

Sample Time: 1116

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>77°F, sunny</u> Comments: _____ _____ _____
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Well Condition:

Acceptable

See Comments

Sampler Signature: Kasai Ting Date: 3-2-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0583-2

Project Location: Pinellas

Sample ID: PIN12-01-2102006 - 032

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2902.66</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.79</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1315</u> <u>1324</u>	← Start of Purge								
1322	0.8	-	28.99	1791	3.6	0.27	6.60	-134.4	60.2
1325	1.2	-	29.13	1800	2.5	0.20	6.62	-145.6	24.6
1328	1.6	-	29.20	1807	1.9	0.14	6.64	-155.6	17.9
1330	1.8	-	29.22	1809	1.7	0.13	6.64	-159.5	11.6
1332	2.1	-	29.23	1810	1.4	0.11	6.64	-163.2	9.99

Sample Time: 1333

Filtration: Yes No

Well Category:

Micropurge

CMT

Sample Storage:

Ice in cooler?

Yes

Weather: 81°F, Sunny

Comments: _____

Well Condition:

Acceptable

See Comments

Sampler Signature: Kassi Prime Date: 3-2-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0583-3

Project Location: Pinellas

Sample ID: PIN12-0121020016 - 033

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft _____	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft _____	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID _____
CMT: 1 casing vol, L _____ = 0.03 L/ft water in well		Turbidimeter ID _____
CMT: 1/4 casing vol, L _____		Water Level ID _____
Micropurge: Tubing Length, ft _____ (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L _____ = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L _____		

Purge Data Field Measurements Made: Open Container Air Exclusion In-Situ

Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
← Start of Purge									

Sample Time: _____ Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>77°F, sunny</u> Comments: <u>-checked for several minutes and remained under pressure - cannot be sampled.</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassie Prince Date: 3-2-2021
Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0584-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 034

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.99</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.45</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.113</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1407</u>	← Start of Purge								
<u>1412</u>	<u>0.5</u>	<u>-</u>	<u>27.57</u>	<u>995</u>	<u>3.7</u>	<u>2.9</u> <u>0.29</u>	<u>6.44</u>	<u>-71.5</u>	<u>6.90</u>
<u>1414</u>	<u>0.7</u>	<u>-</u>	<u>27.54</u>	<u>980</u>	<u>3.0</u>	<u>0.23</u>	<u>6.44</u>	<u>-70.6</u>	<u>5.32</u>
<u>1416</u>	<u>0.9</u>	<u>-</u>	<u>27.48</u>	<u>972</u>	<u>2.8</u>	<u>0.20</u>	<u>6.45</u>	<u>-66.3</u>	<u>3.92</u>

Sample Time: 1417

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>81°F, sunny</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pina Date: 3-2-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0584-2/2201

Project Location: Pinellas

Sample ID: PIN2-01-2102006 - 035 / 065

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.01</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.78</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>29.0 NA</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1438</u>	← Start of Purge								
<u>1450</u>	<u>1.4</u>	<u>-</u>	<u>27.33</u>	<u>940</u>	<u>1.8</u>	<u>0.15</u>	<u>6.60</u>	<u>-91.0</u>	<u>33.1</u>
<u>14583</u>	<u>1.8</u>	<u>-</u>	<u>27.35</u>	<u>937</u>	<u>1.7</u>	<u>0.13</u>	<u>6.61</u>	<u>-91.6</u>	<u>30</u>
<u>1455</u>	<u>2.0</u>	<u>-</u>	<u>27.31</u>	<u>936</u>	<u>1.7</u>	<u>0.13</u>	<u>6.62</u>	<u>-93.3</u>	<u>17.9</u>
<u>1457</u>	<u>2.3</u>	<u>-</u>	<u>27.28</u>	<u>934</u>	<u>1.6</u>	<u>0.13</u>	<u>6.64</u>	<u>-94.8</u>	<u>13.3</u>
<u>1459</u>	<u>2.5</u>	<u>-</u>	<u>27.21</u>	<u>935</u>	<u>1.6</u>	<u>0.13</u>	<u>6.65</u>	<u>-95.8</u>	<u>12.5</u>

Sample Time: 1500

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler?
- Yes

Weather: 81°F, sunny

Comments: _____

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kassia Pinner

Date: 3-2-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 0584-3

Project Location: Pinellas

Sample ID: PIN17-01.2102006 - 036

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.03</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>1.08</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.27</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1527</u>	← Start of Purge								
<u>1545</u>	<u>1.1</u>	<u>—</u>	<u>27.74</u>	<u>1482</u>	<u>2.8</u>	<u>0.21</u>	<u>6.20</u>	<u>-79.6</u>	<u>104</u>
<u>1550</u>	<u>1.4</u>	<u>—</u>	<u>27.47</u>	<u>1488</u>	<u>2.3</u>	<u>0.18</u>	<u>6.09</u>	<u>-77.3</u>	<u>76.9</u>
<u>1554</u>	<u>1.7</u>	<u>—</u>	<u>27.32</u>	<u>1489</u>	<u>1.8</u>	<u>0.14</u>	<u>6.14</u>	<u>-81.0</u>	<u>53.0</u>
<u>1559</u>	<u>2.1</u>	<u>—</u>	<u>27.39</u>	<u>1495</u>	<u>1.7</u>	<u>0.13</u>	<u>6.16</u>	<u>-83.4</u>	<u>35.5</u>
<u>1603</u>	<u>2.4</u>	<u>—</u>	<u>27.44</u>	<u>1499</u>	<u>1.8</u>	<u>0.14</u>	<u>6.19</u>	<u>-85.1</u>	<u>24.8</u>
<u>1614</u>	<u>3.0</u>	<u>—</u>	<u>27.49</u>	<u>1499</u>	<u>1.9</u>	<u>0.15</u>	<u>6.20</u>	<u>-86.8</u>	<u>16.0</u>
<u>1617</u>	<u>3.3</u>	<u>—</u>	<u>27.50</u>	<u>1500</u>	<u>1.6</u>	<u>0.13</u>	<u>6.21</u>	<u>-87.0</u>	<u>13.7</u>
<u>1621</u>	<u>3.6</u>	<u>—</u>	<u>27.46</u>	<u>1500</u>	<u>1.7</u>	<u>0.13</u>	<u>6.21</u>	<u>-87.2</u>	<u>11.2</u>

Sample Time: 1622

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler?
- Yes

Weather: 79°F, K Sunny

Comments:

- Several feet below initial water level - purge as slow as possible but still drawing air.

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kassia Pina

Date: 3-2-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-3-2021

Location ID: 0585-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 037

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.86</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.45</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.114</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>844</u>	← Start of Purge								
<u>848</u>	<u>0.5</u>	<u>-</u>	<u>24.97</u>	<u>778</u>	<u>12.8</u>	<u>1.04</u>	<u>6.46</u>	<u>-75.8</u>	<u>267</u>
<u>853</u>	<u>1.0</u>	<u>-</u>	<u>24.96</u>	<u>763</u>	<u>7.5</u>	<u>0.62</u>	<u>6.50</u>	<u>-81.8</u>	<u>178</u>
<u>857</u>	<u>1.5</u>	<u>-</u>	<u>24.98</u>	<u>752</u>	<u>4.8</u>	<u>0.39</u>	<u>6.53</u>	<u>-82.3</u>	<u>132</u>
<u>903</u>	<u>2.0</u>	<u>-</u>	<u>25.07</u>	<u>742</u>	<u>3.6</u>	<u>0.29</u>	<u>6.57</u>	<u>-85.9</u>	<u>99.1</u>
<u>910</u>	<u>2.8</u>	<u>-</u>	<u>24.86</u>	<u>733</u>	<u>3.0</u>	<u>0.26</u>	<u>6.60</u>	<u>-87.1</u>	<u>81.2</u>
<u>913</u>	<u>3.1</u>	<u>-</u>	<u>24.92</u>	<u>745</u>	<u>3.0</u>	<u>0.25</u>	<u>6.57</u>	<u>-86.1</u>	<u>94.7</u>
<u>915</u>	<u>3.3</u>	<u>-</u>	<u>24.93</u>	<u>735</u>	<u>3.1</u>	<u>0.25</u>	<u>6.60</u>	<u>-81.6</u>	<u>103</u>
<u>917</u>	<u>3.6</u>	<u>-</u>	<u>24.89</u>	<u>724</u>	<u>2.9</u>	<u>0.23</u>	<u>6.61</u>	<u>-70.3</u>	<u>98</u>

Sample Time: 918

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>68°F, overcast and windy</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pimm Date: 3-3-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-3-2021

Location ID: 0585-2

Project Location: Pinellas

Sample ID: PIN12-01-2102006 - 038

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.97</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>0.78</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>0.20</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>NA</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>NA</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>934</u>	← Start of Purge								
<u>942</u>	<u>1.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>336</u>
<u>947</u>	<u>1.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>214</u>
<u>952</u>	<u>2.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>176</u>
<u>956</u>	<u>2.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>113</u>
<u>1000</u>	<u>3.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>104</u>
<u>1002</u>	<u>3.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>107</u>

Sample Time: 1003

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>64° F, overcast and windy</u> Comments: <u>- Soybean oil odor detected - purge water gray-brown.</u> <u>- Will sample in accordance to Program directive</u> <u>- Sample slightly effervescent</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pierce Date: 3-3-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-21

Location ID: 12-0586-1

Project Location: Pinellas

Sample ID: PN12-01.2102006 -040

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.48</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>428.17</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.38</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.095</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container		<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU		
<u>1109</u>	← Start of Purge										
<u>1116</u>	<u>0.5</u>	-	-	-	-	-	-	-	-	<u>40.9</u>	
<u>1118</u>	<u>0.7</u>	-	-	-	-	-	-	-	-	<u>36.1</u>	
<u>1120</u>	<u>0.9</u>	-	-	-	-	-	-	-	-	<u>23.0</u>	
<u>1122</u>	<u>1.1</u>	-	-	-	-	-	-	-	-	<u>20.4</u>	
<u>1124</u>	<u>1.3</u>	-	-	-	-	-	-	-	-	<u>19.8</u>	

Sample Time: 1125

Filtration: Yes No

Well Category:
 Micropurge
 CMT

Sample Storage:
 Ice in cooler?
 Yes

Weather: 81° Clear
Comments: Sampled via program directive. Water is very brown and cloudy, slight sheen on surface. No YSI

Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature]
Checked By: _____

Date: 3-2-2021
 Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0586-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 041

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.57</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>28</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.73</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.183</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1338</u>	← Start of Purge								
<u>1347</u>	<u>0.8</u>	-	-	-	-	-	-	-	<u>21.5</u>
<u>1349</u>	<u>1.0</u>	-	-	-	-	-	-	-	<u>19.4</u>
<u>1351</u>	<u>1.2</u>	-	-	-	-	-	-	-	<u>17.2</u>
<u>1353</u>	<u>1.4</u>	-	-	-	-	-	-	-	<u>12.3</u>

Sample Time: 1354

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>81°, Clear</u> Comments: <u>Sampled via program directive. No YSI readings.</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-2-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0586-3

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 042

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.54</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>39</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID # <u>3</u>
CMT: 1 casing vol, L <u>1.03</u>	= 0.03 L/ft water in well	Turbidimeter ID # <u>2</u>
CMT: 1/4 casing vol, L <u>0.258</u>		Water Level ID # <u>2</u>
Micropurge: Tubing Length, ft <u>-</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1424</u>	← Start of Purge								
<u>1450</u>	<u>1.1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>50.7</u>
<u>1456</u>	<u>1.4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>52.0</u>
<u>1502</u>	<u>1.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>49.8</u>

Sample Time: 1503

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>81°, Clear</u> Comments: <u>Sampled via program directive. Water has a sheen and looks like chocolate milk, however is mostly water, not oil.</u>
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input checked="" type="checkbox"/> See Comments	Sampler Signature: <u>[Signature]</u> Checked By: _____	Date: <u>3-2-2021</u> Date: _____
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Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0587-1

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 043

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.75</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.43</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.108</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft _____ (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L _____ = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L _____		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1535</u>	← Start of Purge								
<u>1540</u>	<u>0.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>15.0</u>
<u>1542</u>	<u>0.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>11.0</u>
<u>1544</u>	<u>0.9</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>9.18</u>

Sample Time: 1545

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>80°, Clear</u> Comments: <u>Sampled via program directive. No YSI readings. Sheen on the water in pitcher.</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-2-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0587-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 044

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.60</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.76</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.19</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1607</u>	← Start of Purge								
<u>1616</u>	<u>0.8</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>33.8</u>
<u>1618</u>	<u>1.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>28.9</u>
<u>1620</u>	<u>1.2</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>29.6</u>

Sample Time: 1621

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>80°, Clear</u> Comments: <u>Well sampled via program directive. Water is dark brown/gray and milky. Enough water for a sample but too much oil for YSI flow cell.</u>
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 3-2-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0588-1

Project Location: Pinellas

Sample ID: PIN12-CJ.2102006 - 046

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.60</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>18</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>0.43</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.108</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>900</u>	← Start of Purge								
<u>905</u>	<u>0.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>114</u>
<u>907</u>	<u>0.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>85.6</u>
<u>909</u>	<u>0.9</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>71.5</u>
<u>911</u>	<u>1.1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>80.0</u>
<u>913</u>	<u>1.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>78.0</u>
<u>915</u>	<u>1.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>77.1</u>

Sample Time: 0916

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>74°, Cloudy</u> Comments: <u>Well sampled via program directive. Water gray/brown, cloudy, and smells. No YSI readings.</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-2-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0588-2

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 047

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.52</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>29</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID # <u>3</u>
CMT: 1 casing vol, L <u>0.76</u>	= 0.03 L/ft water in well	Turbidimeter ID # <u>2</u>
CMT: 1/4 casing vol, L <u>0.19</u>		Water Level ID # <u>2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>0935</u>	← Start of Purge								
<u>KT 0942</u> <u>0943</u>	<u>0.8</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>67.3</u>
<u>0944</u>	<u>1.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>49.8</u>
<u>0946</u>	<u>1.2</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>39.8</u>
<u>0948</u>	<u>1.4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>36.2</u>
<u>0950</u>	<u>1.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>37.0</u>

Sample Time: 0951

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>76°, Clear</u> Comments: <u>Sampled via program directive. Water looks like chocolate milk and smells. No YSI readings.</u>
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Well Condition:

Acceptable

See Comments

Sampler Signature: [Signature] Date: 3-2-2021

Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-2-2021

Location ID: 12-0588-3

Project Location: Pinellas

Sample ID: PIN12-01.210200e - 04B

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.86</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#3</u>
CMT: 1 casing vol, L <u>1.08</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#2</u>
CMT: 1/4 casing vol, L <u>0.27</u>		Water Level ID <u>#2</u>
Micropurge: Tubing Length, ft <u>-</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>-</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>-</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1010</u>	← Start of Purge								
<u>1021</u>	<u>1.1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>229</u>
<u>1024</u> 1023	<u>1.4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>173</u>
<u>1027</u>	<u>1.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>216</u>
<u>1030</u>	<u>2.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>224</u>
<u>1033</u>	<u>2.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>231</u>

Sample Time: 1034

Filtration: Yes No

Well Category: <input type="checkbox"/> Micropurge <input checked="" type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>77°, Clear</u> Comments: <u>Water is light tan, very cloudy, with some oil. Will not run through YSI, but will sample via program directive.</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: [Signature] Date: 3-2-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-3-2021

Location ID: 568B

Project Location: Pinellas

Sample ID: PIN12-01-2102000 - 049

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.67</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>20.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>20.0</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>0.45</u>	= 0.01 L/ft tubing + flowcell ^(0.25L)	
Micropurge: 3 equip vol, L <u>1.35</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container		<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU		
<u>1101</u>	← Start of Purge										
<u>1111</u>	<u>1.4</u>	<u>5.78</u>	<u>24.08</u>	<u>842</u>	<u>3.8</u>	<u>0.31</u>	<u>6.86</u>	<u>-72.3</u>	<u>2.24</u>		
<u>1113</u>	<u>1.7</u>	<u>5.78</u>	<u>24.04</u>	<u>842</u>	<u>3.4</u>	<u>0.28</u>	<u>6.87</u>	<u>-72.7</u>	<u>1.67</u>		
<u>1115</u>	<u>2.1</u>	<u>5.78</u>	<u>24.08</u>	<u>842</u>	<u>3.4</u>	<u>0.29</u>	<u>6.86</u>	<u>-73.0</u>	<u>2.69</u>		

Sample Time: 1116

Filtration: Yes No

Well Category:

- Micropurge
- CMT

Sample Storage:

- Ice in cooler?
- Yes

Weather: 64°F, overcast and windy

Comments: _____

Well Condition:

- Acceptable
- See Comments

Sampler Signature: Kassi Pinner

Date: 3-3-2021

Checked By: _____

Date: _____

Water Sampling Field Data

Date: 3-3-2021

Location ID: SW8C/2202

Project Location: Pinellas

Sample ID: PIN12-01.2102006 - 050/1060

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.69</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>28.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>28.0</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>0.53</u>	= 0.01 L/ft tubing + flowcell ^(0.25L)	
Micropurge: 3 equip vol, L <u>1.59</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1135</u>	← Start of Purge								
<u>1149</u>	<u>1.6</u>	<u>3.71</u>	<u>24.95</u>	<u>1088</u>	<u>3.1</u>	<u>0.25</u>	<u>6.68</u>	<u>-47.3</u>	<u>22.3</u>
<u>1152</u>	<u>1.9</u>	<u>3.72</u>	<u>25.05</u>	<u>1097</u>	<u>2.8</u>	<u>0.23</u>	<u>6.68</u>	<u>-48.8</u>	<u>18.9</u>
<u>1154</u>	<u>2.1</u>	<u>3.72</u>	<u>24.98</u>	<u>1099</u>	<u>2.4</u>	<u>0.20</u>	<u>6.68</u>	<u>-48.8</u>	<u>16.3</u>
<u>1156</u>	<u>2.3</u>	<u>3.72</u>	<u>24.93</u>	<u>1103</u>	<u>2.4</u>	<u>0.20</u>	<u>6.67</u>	<u>-49.6</u>	<u>14.3</u>

Sample Time: 1157

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>64° F, overcast and windy</u> Comments: <u>Sample slightly effervescent</u>
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments

Sampler Signature: Kassi Riney Date: 3-3-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-21

Location ID: S69C

Project Location: Pinellas

Sample ID: PN12-01.2102006-051

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>1.82</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>30.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>30.0</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>0.55</u> = 0.01 L/ft tubing + flowcell ^(0.25L)		
Micropurge: 3 equip vol, L <u>1.65</u>		

Purge Data		Field Measurements Made:				<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>13:43</u>	← Start of Purge								
<u>13:58</u>	<u>1.7</u>	<u>27.40</u> <u>27.89</u>	<u>27.40</u>	<u>678</u>	<u>3.3</u>	<u>0.25</u>	<u>7.01</u>	<u>-51.5</u>	<u>3.21</u>
<u>14:00</u>	<u>2.0</u>	<u>1.89</u>	<u>27.43</u>	<u>682</u>	<u>3.4</u>	<u>0.27</u>	<u>6.99</u>	<u>-52.2</u>	<u>3.69</u>
<u>14:02</u>	<u>2.2</u>	<u>1.89</u>	<u>27.41</u>	<u>684</u>	<u>3.3</u>	<u>0.27</u>	<u>6.99</u>	<u>-52.5</u>	<u>4.08</u>

Sample Time: 14:03

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79°F, Sunny</u> Comments: _____ _____ _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments

Sampler Signature: Kassi Pierce Date: 2-25-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-21

Location ID: S69D

Project Location: Pinellas

Sample ID: PIN12-01.2102001e-053

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.03</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>40.0</u>	(1/4" i.d. tubing) <u>(0.25L)</u>	Other _____
Micropurge: 1 equip vol, L <u>0.65</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>1.95</u>		

Purge Data		Field Measurements Made:				<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>14:17</u>	← Start of Purge								
<u>14:33</u>	<u>2.0</u>	<u>3.83</u>	<u>27.60</u>	<u>1569</u>	<u>3.2</u>	<u>0.25</u>	<u>6.91</u>	<u>-18.1</u>	<u>10.5</u>
<u>14:35</u>	<u>2.2</u>	<u>3.84</u>	<u>27.58</u>	<u>1576</u>	<u>2.9</u>	<u>0.23</u>	<u>6.91</u>	<u>-20.1</u>	<u>7.53</u>
<u>14:37</u>	<u>2.4</u>	<u>3.84</u>	<u>27.58</u>	<u>1574</u>	<u>2.7</u>	<u>0.20</u>	<u>6.90</u>	<u>-22.9</u>	<u>5.78</u>

Sample Time: 14:38

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>81°F, sunny</u> Comments: _____ _____ _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments

Sampler Signature: Kassi Pierce Date: 2-27-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-21

Location ID: S70-B

Project Location: Pinellas

Sample ID: PIN12-01.2102000-054

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.45</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>20.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>20.0</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>0.45</u>	= 0.01 L/ft tubing + flowcell <u>(0.25L)</u>	
Micropurge: 3 equip vol, L <u>1.35</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1325</u>	← Start of Purge								
<u>1336</u>	<u>1.4</u>	<u>3.43</u>	<u>27.82</u>	<u>1430</u>	<u>5.3</u>	<u>0.45</u>	<u>6.92</u>	<u>-34.1</u>	<u>8.76</u>
<u>1338</u>	<u>1.6</u>	<u>3.43</u>	<u>27.90</u>	<u>1420</u>	<u>5.9</u>	<u>0.46</u>	<u>6.91</u>	<u>-32.3</u>	<u>7.93</u>
<u>1340</u>	<u>1.8</u>	<u>3.43</u>	<u>28.01</u>	<u>1419</u>	<u>4.8</u>	<u>0.37</u>	<u>6.91</u>	<u>-32.3</u>	<u>7.79</u>

Sample Time: 1341

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>84°F, Sunny</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pinna Date: 2-26-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-26-21

Location ID: S70-C

Project Location: Pinellas

Sample ID: PIN12-01.21020046 - 055

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>2.60</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>30.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>30.0</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>0.55</u>	= 0.01 L/ft tubing + flowcell <u>(0.25)</u>	
Micropurge: 3 equip vol, L <u>1.65</u>		

Purge Data				Field Measurements Made:			<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond μS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1400</u>	← Start of Purge								
<u>1414</u>	<u>1.7</u>	<u>2.73</u>	<u>28.94</u>	<u>1229</u>	<u>5.5</u>	<u>0.47</u>	<u>6.76</u>	<u>-37.8</u>	<u>16.6</u>
<u>1416</u>	<u>1.9</u>	<u>2.73</u>	<u>28.99</u>	<u>1227</u>	<u>5.7</u>	<u>0.42</u>	<u>6.76</u>	<u>-38.5</u>	<u>13.5</u>
<u>1418</u>	<u>2.1</u>	<u>2.73</u>	<u>29.01</u>	<u>1226</u>	<u>5.6</u>	<u>0.43</u>	<u>6.76</u>	<u>-39.5</u>	<u>12.5</u>

Sample Time: 1419

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>84°F, sunny</u> Comments: _____
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Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments

Sampler Signature: Kassi Pina Date: 2-26-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2-25-21

Location ID: S71-B

Project Location: Pinellas

Sample ID: PIN12-01.2102006-057

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.19</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>20.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>20.0</u> (1/4" i.d. tubing)	(0.25L)	Other _____
Micropurge: 1 equip vol, L <u>0.45</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>1.35</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
15:02	← Start of Purge								
15:17	1.7	5.29	26.88	1272	3.2	0.25	6.83	-66.8	82.6
15:30	2.8	5.28	26.82	1250	2.9	0.23	6.81	-68.2	57.1
15:36	3.5	5.27	26.73	1234	2.8	0.22	6.81	-68.0	43.0
15:41	4.0	5.28	26.70	1229	3.0	0.24	6.81	-67.9	32.3
15:43	4.2	5.28	26.71	1228	3.3	0.26	6.81	-68.1	26.7
15:46	4.4	5.28	26.67	1224	3.3	0.27	6.81	-66.8	26.0
15:49	4.6	5.28	26.69	1224	3.5	0.28	6.81	-67.9	23.6

Sample Time: 15:50

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79°F, Sunny</u> Comments: <u>Secondary turbidity stabilization</u> <u>Samples slightly effervescent</u>
---	---	--

Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pierce **Date:** 2-25-21
Checked By: _____ **Date:** _____

Water Sampling Field Data

Date: 2-25-21

Location ID: 571-C

Project Location: Pinellas

Sample ID: PIN12-01-2102006-058

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.24</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>30.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>30.0</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>0.55</u>	= 0.01 L/ft tubing + flowcell ^(0.25L)	
Micropurge: 3 equip vol, L <u>1.65</u>		

Purge Data		Field Measurements Made:				<input type="checkbox"/> Open Container		<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU		
<u>10:08</u>	← Start of Purge										
<u>10:27</u>	<u>1.7</u>	<u>4.33</u>	<u>27.08</u>	<u>1254</u>	<u>3.2</u>	<u>0.25</u>	<u>6.83</u>	<u>-43.8</u>	<u>12.9</u>		
<u>10:29</u>	<u>1.9</u>	<u>4.34</u>	<u>27.10</u>	<u>1253</u>	<u>2.6</u>	<u>0.21</u>	<u>6.83</u>	<u>-42.8</u>	<u>10.2</u>		
<u>10:31</u>	<u>2.1</u>	<u>4.34</u>	<u>27.12</u>	<u>1254</u>	<u>2.6</u>	<u>0.22</u>	<u>6.83</u>	<u>-44.9</u>	<u>8.3</u>		

Sample Time: 10:32

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79°F, Sunny</u> Comments: _____ _____ _____
---	---	--

Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pierce Date: 2-25-21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 2/24/21

Location ID: S71-D

Project Location: Pinellas

Sample ID: PIN12S71D - N001

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>4.11</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>40.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u> = 0.03 L/ft water in well		Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>40-0 NA</u> (1/4" i.d. tubing)		Other _____
Micropurge: 1 equip vol, L <u>NA</u> = 0.01 L/ft tubing + flowcell		
Micropurge: 3 equip vol, L <u>NA</u>		

Purge Data		Field Measurements Made:				<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>15:20</u>	← Start of Purge								
<u>15:41</u>	<u>2.4</u>	<u>4.45</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>640</u>
<u>15:48</u> <u>54</u>	<u>4.1</u>	<u>4.40</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>455</u> <u>535</u>
<u>15:56</u>	<u>4.3</u>	<u>4.40</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>402</u>
<u>15:58</u>	<u>4.5</u>	<u>4.45</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>373</u>
<u>16:00</u>	<u>4.7</u>	<u>4.40</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>526</u>
<u>16:02</u>	<u>5.0</u>	<u>4.40</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>409</u>

Sample Time: 16:03

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>75° F, clear</u> Comments: <u>sampled per PD PIN-2018-02</u> <u>turbidity not stabilizing - sampled after 5.0L</u> <u>sample slightly effervescent</u>
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pine Date: 2/24/21
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: S73B

Project Location: Pinellas

Sample ID: PN12-01.210200g-060

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.32</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>20.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>20.0</u>	(1/4" i.d. tubing) <u>(0.25L)</u>	Other _____
Micropurge: 1 equip vol, L <u>0.45</u>	= 0.01 L/ft tubing + flowcell	
Micropurge: 3 equip vol, L <u>1.35</u>		

Purge Data				Field Measurements Made:			<input type="checkbox"/> Open Container	<input checked="" type="checkbox"/> Air Exclusion	<input type="checkbox"/> In-Situ
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU
<u>1048</u>	← Start of Purge								
<u>1058</u>	<u>1.4</u>	<u>4.08</u>	<u>27.51</u>	<u>807</u>	<u>3.2</u>	<u>0.25</u>	<u>6.54</u>	<u>-94.9</u>	<u>21.1</u>
<u>1101</u>	<u>1.7</u>	<u>4.08</u>	<u>27.53</u>	<u>803</u>	<u>2.6</u>	<u>0.21</u>	<u>6.54</u>	<u>-107.1</u>	<u>21.9</u>
<u>1103</u>	<u>1.9</u>	<u>4.08</u>	<u>27.50</u>	<u>801</u>	<u>2.6</u>	<u>0.21</u>	<u>6.54</u>	<u>-115.5</u>	<u>22.7</u>

Sample Time: 1104

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>79°F, sunny</u> Comments: <u>- Secondary turbidity stabilization</u> <u>- Sample effervescent</u>
---	---	--

Well Condition: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> See Comments

Sampler Signature: Kasdi Pucci Date: 3-1-2021
 Checked By: _____ Date: _____

Water Sampling Field Data

Date: 3-1-2021

Location ID: S73C

Project Location: Pinellas

Sample ID: PN12-01.2102006-001

Well Information:	Sampling Equipment:	Measurement Equipment:
Water Level, ft <u>3.39</u>	<input checked="" type="checkbox"/> Peristaltic	Op Check Time _____
Depth of Well, ft <u>30.0</u>	<input checked="" type="checkbox"/> Dedicated Tubing	YSI ID <u>#1</u>
CMT: 1 casing vol, L <u>NA</u>	= 0.03 L/ft water in well	Turbidimeter ID <u>#1</u>
CMT: 1/4 casing vol, L <u>NA</u>		Water Level ID <u>#1</u>
Micropurge: Tubing Length, ft <u>30.0</u>	(1/4" i.d. tubing)	Other _____
Micropurge: 1 equip vol, L <u>0.55</u>	= 0.01 L/ft tubing + flowcell <u>(0.25L)</u>	
Micropurge: 3 equip vol, L <u>1.65</u>		

Purge Data		Field Measurements Made:					<input checked="" type="checkbox"/> Air Exclusion		<input type="checkbox"/> In-Situ	
Time	Total Volume Purged, L	Water Level, ft	Temp. °C	Sp Cond µS/cm	DO %	DO mg/L	pH s.u.	ORP mV	Turbidity NTU	
<u>1117</u>	← Start of Purge									
<u>1130</u>	<u>1.7</u>	<u>3.42</u>	<u>28.40</u>	<u>1475</u>	<u>3.4</u>	<u>0.26</u>	<u>6.71</u>	<u>-41.3</u>	<u>15.1</u>	
<u>1132</u>	<u>1.9</u>	<u>3.42</u>	<u>28.39</u>	<u>1478</u>	<u>2.9</u>	<u>0.23</u>	<u>6.71</u>	<u>-41.7</u>	<u>14.4</u>	
<u>1134</u>	<u>2.1</u>	<u>3.42</u>	<u>28.38</u>	<u>1479</u>	<u>2.7</u>	<u>0.21</u>	<u>6.70</u>	<u>-41.8</u>	<u>14.7</u>	

Sample Time: 1135

Filtration: Yes No

Well Category: <input checked="" type="checkbox"/> Micropurge <input type="checkbox"/> CMT	Sample Storage: Ice in cooler? <input checked="" type="checkbox"/> Yes	Weather: <u>80°F, sunny</u> Comments: _____ _____ _____
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Well Condition:
 Acceptable
 See Comments

Sampler Signature: Kassi Pinu Date: 3-1-2021
 Checked By: _____ Date: _____



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 1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200
 781 Industrial Dr, Elmhurst, IL 60126 (630) 501-1847



Company: Navarro
 Contact: Julian Caballero
 Phone #: #N/A

Order No.: 57997
 Date: 2/23/2021
 Technician: VL

Packing List

Item	Serial Number	Tech	QC		
556	0	✓			
Handheld Display	08K100597	✓			
Item	Tech	QC	Item	Tech	QC
Cable 4 M	✓		AC Adaptor		
Flow Cell	✓		Stand		
Barb Kit	✓		D.O Kit	✓	
Storage / Cal Cup	✓		Calibration Kit	✓	
Sensor Guard	✓				
Manual					
Sonde Cap	✓				
Software					
Extra Batteries	✓				
Display Comm. Cable					
Sonde Comm. Cable					

PH 4-7 span
 = 159.4
 PH 7-10 span
 = 175.7
 - 913

Calibration Report

Parameter	Accuracy	Before	After	Lot #
Conductivity 1413 µs/cm	(+/- .5%)	1362	1413	200130A
pH 7 Buffer	(+/- .2)	7.19	7.00	200407B
pH mV for 7 Buffer	(0 +/- 50)		-11.4	
pH 4 Buffer	(+/- .2)	4.17	4.00	200407D
pH mV for 4 Buffer	(180 +/- 50)		148.0	
pH 10 Buffer	(+/- .2)	10.07	10.00	200407C
pH mV for 10 Buffer	(-180 +/- 50)		-187.1	
ORP mV, 237.5	(+/- 20 mV)	203.0	238.00	OGA959
DO 100% Sat	(+/- 2%)	94.7%	100.0%	
0% DO Check	(+/- 2%)		2.20	
Turbidity 0 NTU	(+/- 5%)			
Turbidity 126 NTU	(+/- 5%)			
Lab Conditions during calibration				

All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.



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 Contact: Julian Caballero
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 781 Industrial Dr, Elmhurst, IL 60126 (630) 501-1847

Order No.: 57997
 Date: 2/23/2021
 Technician: VL

Packing List

Item	Serial Number	Tech	QC		
556	0	✓			
Handheld Display	13F100887	✓			
Item	Tech	QC	Item	Tech	QC
Cable 4 M	✓		AC Adaptor		
Flow Cell	✓		Stand		
Barb Kit	✓		D.O Kit	✓	
Storage / Cal Cup	✓		Calibration Kit	✓	
Sensor Guard	✓				
Manual					
Sonde Cap	✓				
Software					
Extra Batteries	✓				
Display Comm. Cable					
Sonde Comm. Cable					

PH 4-7 SPAN
 = 150.4
 PH 7-10 SPAN
 = 172.8
 - JB

Calibration Report

Parameter	556 Accuracy	0 Before	0 After	Lot #
Conductivity 1413 μ S/cm	(+/- .5%)	1326	1413	200130A
pH 7 Buffer	(+/- .2)	7.03	7.00	200407B
pH mV for 7 Buffer	(0 +/- 50)		2.0	
pH 4 Buffer	(+/- .2)	4.34	4.00	200407D
pH mV for 4 Buffer	(180 +/- 50)		152.9	
pH 10 Buffer	(+/- .2)	10.32	10.00	200407C
pH mV for 10 Buffer	(-180 +/- 50)		-170.8	
ORP mV, 237.5	(+/- 20 mV)	204.6	238.00	OGA959
DO 100% Sat	(+/- 2%)	101.0%	100.0%	
0% DO Check	(+/- 2%)		1.30	
Turbidity 0 NTU	(+/- 5%)			
Turbidity 126 NTU	(+/- 5%)			
Lab Conditions during calibration _____				

All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

Not known if this is "#3" as identified on field sheets. JB

PINELLAS YSI Calibration Worksheet

Specific Conductance Calibration

Standard used ($\mu\text{mhos/cm}$ or $\mu\text{S/cm}$)	997
Pre-cal Reading (mS/cm)	1012
Cond Cell Constant <i>Range = 4.5 to 5.5</i>	5.004

Date 2/17/21

Time 0800

YSI ID SND04

Calibrated by J. Graham / G. Baer

pH Calibration (Calibrate with the pH 7 buffer first)

Buffer pH	Temp (°C)	mV	Range (mV)	Pre-cal reading	Calibration value	Span	Range (mV)
4	13.88	A=139.2	+127 to +227	4.05	4	A-B=172.4	165-180
7	13.91	B=-33.2	-50 to +50	7.13	7.05	B-C=179.3	165-180
10	13.89	C=-212.5	-227 to -127	10.06	10.13		

ORP Calibration

Temperature, °C	14.46
Calibration value	245.3
Pre-cal reading	240.7
ORP Offset <i>Range = -100 to +100</i>	29.36

Dissolved Oxygen Calibration

Time of Day	815	Temp, °C	13.93
Atmospheric Pressure	640.2	Pre-Cal DO%	85.2
DO Membrane Changed?	Yes	Pre-Cal DO mg/L	8.79
DO Charge <i>Range=25 to 75</i>	51.2	Post-Cal DO%	84.2
DO Gain <i>Range=0.7 to 1.5</i>	1.006	Post-Cal DO mg/L	8.69

Temperature Check

NIST Temp, °C	13.86
YSI Temp, °C <i>Range = ±0.5°C</i>	13.91
NIST ID #	192368342
NIST Cal Date	7/29/19
NIST Cal Due Date	7/29/21

ICVs (Initial Calibration Verifications)

Parameter	Known Value	Reading	Acceptance Range	Pass / Fail ?
pH	7.05	7.04	±0.2 units	P
Sp Cond ~100	99.6	98	±5%	P
Sp Cond ~10,000	9994	10065	±5%	P
Temp low	9.01	9.35	±0.5°C from NIST	P
Temp med	17.18	17.08		P
Temp high	40.53	40.26		P
D. O.	8.828	8.73	±0.3mg/L	P
ORP	245.3	241.7	±10%	P

	Manufacturer	Lot Number	Exp Date
pH 4 buffer	Fisher	202304	7/22
pH 7 buffer	"	192113	4/21
pH 10 buffer	"	202303	6/22
Sp Cond 100	Oakton	CC19806	5/12/21
Sp Cond 1,000	Fisher	CC19522	2/17/21
Sp Cond 10,000	Oakton	CC19859	5/20/21
Zobell Soln	Date Hydrated:	20C100 254	3/11/25

For ICVs, calibration constants, or spans that fail, perform instrument maintenance as necessary and perform the calibration again.

ICV
DO 640.9 mmHg
13.27 Temp
83.2 DO%
8.73 mg/L

Not known if this is "#3" as identified on field sheets
-SB

PINELLAS YSI Calibration Worksheet

Specific Conductance Calibration

Standard used ($\mu\text{mhos/cm}$ or $\mu\text{S/cm}$)	997
Pre-cal Reading (mS/cm)	1012
Cond Cell Constant <i>Range = 4.5 to 5.5</i>	4.80

Date 2/16/21

Time 0815

YSI ID SND01

Calibrated by J. Graham / G. Baer

pH Calibration (Calibrate with the pH 7 buffer first)

Buffer pH	Temp (°C)	mV	Range (mV)	Pre-cal reading	Calibration value	Span	Range (mV)
4	12.80	A= 167.4	+127 to +227	4.17	4	A-B= 171.0	165-180
7	13.18	B= -3.6	-50 to +50	6.41	7.06	B-C= 176.9	165-180
10	13.78	C= -140.9	-227 to -127	10.30	10.13		

ORP Calibration

Temperature, °C	14.46
Calibration value	245.3
Pre-cal reading	304.7
ORP Offset <i>Range = -100 to +100</i>	2.57

Dissolved Oxygen Calibration

Time of Day	0830	Temp, °C	13.41
Atmospheric Pressure	640.7	Pre-Cal DO%	82.7
DO Membrane Changed?	Y	Pre-Cal DO mg/L	8.64
DO Charge <i>Range=25 to 75</i>	49.1	Post-Cal DO%	84.3
DO Gain <i>Range=0.7 to 1.5</i>	0.98	Post-Cal DO mg/L	8.80

Temperature Check

NIST Temp, °C	13.57
YSI Temp, °C <i>Range = ±0.5°C</i>	13.18
NIST ID #	192368342
NIST Cal Date	7/29/19
NIST Cal Due Date	7/29/21

ICVs (Initial Calibration Verifications)

Parameter	Known Value	Reading	Acceptance Range	Pass / Fail ?
pH	7.06	7.05	±0.2 units	P
Sp Cond -100	99.6	96	±5%	P
Sp Cond -10,000	9994	9882	±5%	P
Temp low	13.60	13.22	±0.5°C from NIST	P
Temp med	17.04	16.74		P
Temp high	37.86	37.52		P
D. O.	8.91	8.89	±0.3mg/L	P
ORP	246.6	239.1	±10%	P

	Manufacturer	Lot Number	Exp Date
pH 4 buffer	Sisher	202304	7/22
pH 7 buffer	"	192113	4/21
pH 10 buffer	"	202303	6/22
Sp Cond 100	Oakton	CC19808 CC19859	5/12/21
Sp Cond 1,000	Sisher	CC19694	4/8/21
Sp Cond 10,000	Sisher Oakton	CC19859	5/20/21
Zobell Soln	Date Hydrated:	20C100 254	3/11/25

For ICVs, calibration constants, or spans that fail, perform instrument maintenance as necessary and perform the calibration again.

ICV 640.9 mmHg
12.89 Temp
DO 90 84.2
mg/L 8.89

PINELLAS YSI Calibration Worksheet

2

Specific Conductance Calibration

Standard used ($\mu\text{mhos/cm}$ or $\mu\text{S/cm}$)	
Pre-cal Reading (mS/cm)	
Cond Cell Constant <i>Range = 4.5 to 5.5</i>	

Date 2/24/21

Time 10:15

YSI ID 13F100887

Calibrated by Joe Bolich

pH Calibration (Calibrate with the pH 7 buffer first)

Buffer pH	Temp (°C)	mV	Range (mV)	Pre-cal reading	Calibration value	Span	Range (mV)
4		A=	+127 to +227			A-B=	165-180
7		B=	-50 to +50			B-C=	165-180
10		C=	-227 to -127				

ORP Calibration

Temperature, °C	
Calibration value	
Pre-cal reading	
ORP Offset <i>Range = -100 to +100</i>	

Dissolved Oxygen Calibration

Time of Day		Temp, °C	
Atmospheric Pressure		Pre-Cal DO%	
DO Membrane Changed?		Pre-Cal DO mg/L	
DO Charge <i>Range=25 to 75</i>		Post-Cal DO%	
DO Gain <i>Range=0.7 to 1.5</i>		Post-Cal DO mg/L	

Temperature Check

NIST Temp, °C	
YSI Temp, °C <i>Range = $\pm 0.5^\circ\text{C}$</i>	
NIST ID #	
NIST Cal Date	
NIST Cal Due Date	

ICVs (Initial Calibration Verifications)

Parameter	Known Value	Reading	Acceptance Range	Pass / Fail ?
pH	4.00	4.26	± 0.2 units	Pass
Sp Cond -100	100	97	$\pm 5\%$	Pass
Sp Cond 100 1413	1413	1377	$\pm 5\%$	Pass
Temp low			$\pm 0.5^\circ\text{C}$ from NIST	
Temp med				
Temp high				
D. O.	9.056	8.99	$\pm 0.3\text{mg/L}$	Pass
ORP	237.5	259.2	$\pm 10\%$	Pass

	Manufacturer	Lot Number	Exp Date
pH 4 buffer			
pH 7 buffer			
pH 10 buffer			
Sp Cond 100			
Sp Cond 1,000			
Sp Cond 10,000			
Zobell Soln	Date Hydrated:		

For ICVs, calibration constants, or spans that fail, perform instrument maintenance as necessary and perform the calibration again.

PINELLAS YSI Calibration Worksheet

#1

Specific Conductance Calibration

Standard used ($\mu\text{mhos/cm}$ or $\mu\text{S/cm}$)	
Pre-cal Reading (mS/cm)	
Cond Cell Constant <i>Range = 4.5 to 5.5</i>	

Date 2-24-2021

Time 10:15

YSI ID SN: OBK100597

Calibrated by K. Turner

pH Calibration (Calibrate with the pH 7 buffer first)

Buffer pH	Temp ($^{\circ}\text{C}$)	mV	Range (mV)	Pre-cal reading	Calibration value	Span	Range (mV)
4		A=	+127 to +227			A-B=	165-180
7		B=	-50 to +50			B-C=	165-180
10		C=	-227 to -127				

ORP Calibration

Temperature, $^{\circ}\text{C}$	
Calibration value	
Pre-cal reading	
ORP Offset <i>Range = -100 to +100</i>	

Dissolved Oxygen Calibration

Time of Day		Temp, $^{\circ}\text{C}$	
Atmospheric Pressure		Pre-Cal DO%	
DO Membrane Changed?		Pre-Cal DO mg/L	
DO Charge <i>Range=25 to 75</i>		Post-Cal DO%	
DO Gain <i>Range=0.7 to 1.5</i>		Post-Cal DO mg/L	

Temperature Check

NIST Temp, $^{\circ}\text{C}$	
YSI Temp, $^{\circ}\text{C}$ <i>Range = $\pm 0.5^{\circ}\text{C}$</i>	
NIST ID #	
NIST Cal Date	
NIST Cal Due Date	

ICVs (Initial Calibration Verifications)

Parameter	Known Value	Reading	Acceptance Range	Pass / Fail ?
pH	4.00	4.02	± 0.2 units	Pass
Sp Cond ~ 100	100	101	$\pm 5\%$	Pass
Sp Cond $\sim 10,000$	1413	1410	$\pm 5\%$	Pass
Temp low			$\pm 0.5^{\circ}\text{C}$ from NIST	
Temp med				
Temp high				
D. O.	9.371	9.37	$\pm 0.3\text{mg/L}$	Pass
ORP	237.5	240.2	$\pm 10\%$	Pass

	Manufacturer	Lot Number	Exp Date
pH 4 buffer			
pH 7 buffer			
pH 10 buffer			
Sp Cond 100			
Sp Cond 1,000			
Sp Cond 10,000			
Zobell Soln	Date Hydrated:		

For ICVs, calibration constants, or spans that fail, perform instrument maintenance as necessary and perform the calibration again.

I assume this is "#2" date = 2/25 - 9M

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date _____

Time _____

YSI ID _____

Initials _____

This is a:

Daily Check

End-of-Event Check

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	10.00 @ 19.19 °C	10.18	±0.2	
pH 2 (optional)	@ °C		±0.2	
Sp Cond 1	1413	1429	±5%	pass
Sp Cond 2 (optional)			±5%	
ORP	244 @ 15 °C	267.2	±10%	

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	815				
Atmospheric Pressure	-				
Temperature, °C	20.70				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	8.969				
Saturation Value Reading, mg/L (Acceptance Range is ± 0.3 mg/L of theoretical DO in H2O saturated air)	8.97				
Pass / Fail?	Pass				

2/24/21 Turbidity 3-Point Check
Instrument: Hach 2100Q s/n # 200908040500

Standard	Reading	Pass / Fail?
10	10.4	pass
100	100.8 105	pass
800	821	pass

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

Turbidity Acceptance Ranges

0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
> 100 ntu ±5%

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

2/25/21 e r

10	10.6	pass
100	106	pass
800	839	pass

#1

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 2-25-21

Time 0810

YSI ID 08K100597

Initials KMT

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 15.08 °C	4.03	±0.2	Pass
pH 2 (optional)	10.00 @ 15.13 °C	10.05	±0.2	Pass
Sp Cond 1	1413	1424	±5%	Pass
Sp Cond 2 (optional)	100	102.6	±5%	Pass
ORP	244.0 @ 15 °C	243.1	±10%	Pass

This is a:

<input checked="" type="checkbox"/>	Daily Check
<input type="checkbox"/>	End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	8:52	8:57			
Atmospheric Pressure					
Temperature, °C	18.37 K14	18.76			
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	9.410 KCP 9.449	9.334			
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	9.7 KCP	9.59			
Pass / Fail?					

Turbidity 3-Point Check 2/24/21

Instrument: WACH 2100A #19120C082301

Standard	Reading	Pass / Fail?
10 NTU	10.1	Pass
100 NTU	103	Pass
800 NTU	791	Pass

A0041 5/21

A0041 5/21

A0042 5/21

Turbidity Acceptance Ranges

- 0-10 ntu ±10%
- 10-40 ntu ±8%
- 41-100 ntu ±6.5%
- >100 ntu ±5%

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

Turb. 2/25/21

10	10.2	Pass
100	104	Pass
800	785	Pass

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 2-26-2021

Time 0800

YSI ID #1

Initials KMT

This is a:

Daily Check
 End-of-Event Check

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 16.84 °C	4.09	±0.2	Pass
pH 2 (optional)	10.00 @ 16.91 °C	9.99	±0.2	Pass
Sp Cond 1	1413	1406	±5%	Pass
Sp Cond 2 (optional)	100	103	±5%	Pass
ORP	237.5 @ 20° °C	241.4	±10%	Pass

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	820				
Atmospheric Pressure	30.26				
Temperature, °C	19.66				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	9.148				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	9.15				
Pass / Fail?	Pass				

Turbidity 3-Point Check

Instrument:

Standard	Reading	Pass / Fail?
10.0	10.2	Pass
100.0	103	Pass
800	787	Pass

Turbidity Acceptance Ranges

0-10 ntu ±10%
 10-40 ntu ±8%
 41-100 ntu ±6.5%
 >100 ntu ±5%

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

#2

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 2/26/21
 Time 1539
 YSI ID 13F100887
 Initials JAB

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 30.28°C	2.66	±0.2	Fail
pH 2 (optional)	7.00 @ 29.71°C	6.13	±0.2	Fail
Sp Cond 1	1413	13.77	±5%	Pass
Sp Cond 2 (optional)	100	97	±5%	
ORP	224.5 @ 30.0°C	246.3	±10%	Pass

This is a:

Daily Check

End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	1548					
Atmospheric Pressure	30.26					
Temperature, °C	27.15					
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	7.941					
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	8.06					
Pass / Fail?	Pass					

Turbidity 3-Point Check

Standard	Reading	Pass / Fail?
10	9.31	Pass
100	98.0	Pass
800	769	Pass

Turbidity Acceptance Ranges

0-10 ntu ±10%
 10-40 ntu ±8%
 41-100 ntu ±6.5%
 >100 ntu ±5%

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 2-26-21

Time 1545

YSI ID #1

Initials KMT

This is a:

<input checked="" type="checkbox"/>	Daily Check
<input type="checkbox"/>	End-of-Event Check

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 29.8 °C	3.94	±0.2	Pass
pH 2 (optional)	7.00 @ 30.6 °C	7.05	±0.2	Pass
Sp Cond 1	1418	1404	±5%	Pass
Sp Cond 2 (optional)	100	102	±5%	Pass
ORP	224.5 @ 30.0 °C	231.2	±10%	Pass

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	<u>1554</u>				
Atmospheric Pressure	<u>767.4</u>				
Temperature, °C	<u>26.06</u>				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	<u>8.100</u>				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H ₂ O saturated air)	<u>8.11</u>				
Pass / Fail?	<u>Pass</u>				

Turbidity 3-Point Check

Standard	Reading	Pass / Fail?
10	<u>9.77</u>	<u>Pass</u>
100	<u>104</u>	<u>Pass</u>
800	<u>781</u>	<u>Pass</u>

Turbidity Acceptance Ranges

0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
>100 ntu ±5%

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

#2

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 2/26/21
 Time 7:55
 YSI ID 13F100857
 Initials JAB

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 22.91 °C	4.10	±0.2	pass
pH 2 (optional)	10.00 @ 19.96 °C	9.84	±0.2	pass
Sp Cond 1	1413	1440	±5%	pass
Sp Cond 2 (optional)	100	97	±5%	pass
ORP	2375 @ 20 °C	260.0	±10%	pass

This is a:

Daily Check

End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	7:58				
Atmospheric Pressure	30.26				
Temperature, °C	21.40				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	8.847				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	8.76				
Pass / Fail?	pass				

Turbidity 3-Point Check

Instrument:

Standard	Reading	Pass / Fail?
10	9.66	pass
100	99.1	pass
800	771	pass

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

Turbidity Acceptance Ranges

0-10 ntu ±10%
 10-40 ntu ±8%
 41-100 ntu ±6.5%
 >100 ntu ±5%

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

#2

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 3/1/21

Time 811

YSI ID 13F100887

Initials JAB

This is a:

- Daily Check
 End-of-Event Check

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	@ °C		±0.2	
pH 2 (optional)	@ °C		±0.2	
Sp Cond 1			±5%	
Sp Cond 2 (optional)			±5%	
ORP	@ °C		±10%	

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day					
Atmospheric Pressure					
Temperature, °C					
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)					
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)					
Pass / Fail?					

Turbidity 3-Point Check
Instrument:

Standard	Reading	Pass / Fail?

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low	9.75	9.55	±0.5°C from NIST	
Temp med	15.12	14.84		
Temp high	22.54	22.47		

Turbidity Acceptance Ranges

0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
>100 ntu ±5%

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

This S/N is for a Grand Jet 650 unit, not a sonde

#3

-9B

PINELLAS YSI Calibration Worksheet

Specific Conductance Calibration

Standard used ($\mu\text{mhos/cm}$ or $\mu\text{S/cm}$)	
Pre-cal Reading (mS/cm)	
Cond Cell Constant <i>Range = 4.5 to 5.5</i>	

Date 3/1/21

Time 840

YSI ID 04D5733 AC

Calibrated by JAB

pH Calibration (Calibrate with the pH 7 buffer first)

Buffer pH	Temp (°C)	mV	Range (mV)	Pre-cal reading	Calibration value	Span	Range (mV)
4	24.98	A= 158.3	+127 to +227	4.28	4.00	A-B=	165-180
7	25.48	B= -5.1	-50 to +50	7.00	7.00	B-C=	165-180
10	26.11	C= -175.0	-227 to -127	10.17	10.17		

ORP Calibration

Temperature, °C	
Calibration value	
Pre-cal reading	
ORP Offset <i>Range = -100 to +100</i>	

Dissolved Oxygen Calibration

Time of Day	915	Temp, °C	24.72
Atmospheric Pressure	764.7	Pre-Cal DO%	104.7
DO Membrane Changed?		Pre-Cal DO mg/L	8.69
DO Charge <i>Range=25 to 75</i>		Post-Cal DO%	100.6
DO Gain <i>Range=0.7 to 1.5</i>		Post-Cal DO mg/L	8.34

Temperature Check

NIST Temp, °C	
YSI Temp, °C <i>Range = ±0.5°C</i>	
NIST ID #	192368342
NIST Cal Date	7/29/19
NIST Cal Due Date	7/29/21

ICVs (Initial Calibration Verifications)

Parameter	Known Value	Reading	Acceptance Range	Pass / Fail ?
pH			±0.2 units	
Sp Cond ~100	99.60	98	±5%	
Sp Cond ~10,000	9994.0	9584	±5%	
Temp low			±0.5°C from NIST	
Temp med				
Temp high				
D. O.			±0.3mg/L	
ORP	231.0	222.3	±10%	Pass

@ 25°C

For ICVs, calibration constants, or spans that fail, perform instrument maintenance as necessary and perform the calibration again.

	Manufacturer	Lot Number	Exp Date
pH 4 buffer		202304	7/22
pH 7 buffer		192113	4/21
pH 10 buffer		202303	6/22
Sp Cond 100		CC1980C	5/12/21
Sp Cond 1,000			
Sp Cond 10,000		CC19859	5/20/21
Zobell Soln	Date Hydrated:		
	2/24/21	17M100316	12/14/22

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 3-1-2021

Time 0820

YSI ID #1 (08K100597) Rental

Initials K. Turner

This is a:

- Daily Check
 End-of-Event Check

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 25.30 °C	4.09	±0.2	Pass
pH 2 (optional)	7.00 @ 25.34 °C	7.11	±0.2	Pass
Sp Cond 1	9994.00	9317	±5%	Pass
Sp Cond 2 (optional)	99.60	97	±5%	Pass
ORP	231.0 @ 25 °C	239.4	±10%	Pass

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	<u>840</u>				
Atmospheric Pressure	<u>767.4</u>				
Temperature, °C	<u>25.0</u>				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	<u>8.264</u>				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	<u>8.25</u>				
Pass / Fail?	<u>Pass</u>				

Turbidity 3-Point Check		
Instrument:		
Standard	Reading	Pass / Fail?
<u>10.0</u>	<u>10.1</u>	<u>Pass</u>
<u>100.0</u>	<u>101</u>	<u>Pass</u>
<u>800.0</u>	<u>779</u>	<u>Pass</u>

Turbidity Acceptance Ranges
0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
>100 ntu ±5%

Temperature CCVs (End of Event only)				
Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 3-2-2021

Time 0740

YSI ID #1

Initials K. Turner

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 24.77 °C	3.97	±0.2	Pass
pH 2 (optional)	7.00 @ 24.51 °C	7.06	±0.2	Pass
Sp Cond 1	1413	1396	±5%	Pass
Sp Cond 2 (optional)	100	104	±5%	Pass
ORP	231.0 @ 25 °C	242.6	±10%	Pass

This is a:

<input checked="" type="checkbox"/>	Daily Check
<input type="checkbox"/>	End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	<u>0747</u>	Temp, °C	
Atmospheric Pressure	<u>767.0</u>	Pre-Cal DO%	
DO Membrane Changed?		Pre-Cal DO mg/L	
DO Charge Range=25 to 75		Post-Cal DO%	
DO Gain Range=0.7 to 1.5		Post-Cal DO mg/L	

Dissolved Oxygen Calibration #2

Time of Day		Temp, °C	
Atmospheric Pressure		Pre-Cal DO%	
DO Membrane Changed?		Pre-Cal DO mg/L	
DO Charge Range=25 to 75		Post-Cal DO%	
DO Gain Range=0.7 to 1.5		Post-Cal DO mg/L	

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	<u>747</u>					
Atmospheric Pressure	<u>766.0</u>					
Temperature, °C	<u>24.75</u>					
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	<u>8.310</u>					
Saturation Value Reading, mg/L (Acceptance Range is ± 0.3 mg/L of theoretical DO in H2O saturated air)	<u>8.31</u>					
Pass / Fail?	<u>Pass</u>					

Turbidity 3-Point Check		
Instrument:		
Standard	Reading	Pass / Fail?
10	10.2	Pass
100	103	Pass
800	796	Pass

Turbidity Acceptance Ranges	
0-10 ntu	±10%
10-40 ntu	±8%
41-100 ntu	±6.5%
>100 ntu	±5%

Temperature CCVs (End of Event only)				
Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

This S/N is for a Grand Jet 650 unit, not a sonde - 913

#3

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 2/2/21

Time 755

YSI ID 0405733AL

Initials JAB

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 22.46°C	3.99	±0.2	Pass
pH 2 (optional)	7.00 @ 22.26°C	7.07	±0.2	Pass
Sp Cond 1	100 99.60	99.0	±5%	Pass
Sp Cond 2 (optional)	9994	9623	±5%	Pass
ORP	231 @ 25 °C	229.3	±10%	Pass

This is a:

Daily Check

End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	758					
Atmospheric Pressure	27(3.1)					
Temperature, °C	24.14					
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	8.403					
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	8.47					
Pass / Fail?	Pass					

Turbidity 3-Point Check		
Instrument:		
Standard	Reading	Pass / Fail?
10	10.2	Pass
100	102	Pass
800	805	Pass

Temperature CCVs (End of Event only)				
Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

Turbidity Acceptance Ranges
0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
>100 ntu ±5%

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

This SW is for a Grand Jet 650 unit, not a sonde - JB

#3

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 3/2/21
 Time 1651
 YSI ID 0405733AC
 Initials JAB

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	4.00 @ 23.25°C	3.89	±0.2	pass
pH 2 (optional)	7.00 @ 22.75°C	7.02	±0.2	pass
Sp Cond 1	99.60	98	±5%	pass
Sp Cond 2 (optional)	9994.00	9685	±5%	pass
ORP	231.0 @ 25 °C	226.4	±10%	pass

This is a:

Daily Check
 End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	1653				
Atmospheric Pressure	761.6				
Temperature, °C	27.77				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	7.856				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	7.89				
Pass / Fail?	pass				

Turbidity 3-Point Check

Instrument:

Standard	Reading	Pass / Fail?
10.0	10.3	P
100	101	P
800	787	P

Temperature CCVs (End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low	4.38	4.25	±0.5°C from NIST	pass
Temp med	15.19	14.78		pass
Temp high	26.58	26.11		pass

Turbidity Acceptance Ranges

0-10 ntu ±10%
 10-40 ntu ±8%
 41-100 ntu ±6.5%
 >100 ntu ±5%

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

#1

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 3-03-21

Time 0745

YSI ID 08K100597 (Rental)

Initials OT

Standards
from
GJ.

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	7.00 @ °C	7.05	±0.2	Pass
pH 2 (optional)	@ °C		±0.2	
Sp Cond 1	998.0	993	±5%	Pass
Sp Cond 2 (optional)			±5%	
ORP	237 @ 19.4 °C	233.2	±10%	Pass

This is a:

<input checked="" type="checkbox"/>	Daily Check
<input type="checkbox"/>	End-of-Event Check

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	0800					
Atmospheric Pressure	762.7					
Temperature, °C	20.13	21.86				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	9.075	8.762				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	8.80					
Pass / Fail?	Pass					

Turbidity 3-Point Check		
Instrument: #1 (Hsw)		
Standard	Reading	Pass / Fail?
10	10.2	Pass
100	103	Pass
800	800	Pass

Temperature CCVs (End of Event only)				
Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low			±0.5°C from NIST	
Temp med				
Temp high				

Turbidity Acceptance Ranges
0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
>100 ntu ±5%

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

#1

PINELLAS Op-Check Worksheet

For Daily and End-of-Event Continuing Calibration Verifications (CCVs)

Date 3-03-21

Time 1230

YSI ID 08K100597 (Rental)

Initials at

This is a:

<input type="checkbox"/>	Daily Check
<input checked="" type="checkbox"/>	End-of-Event Check

Standards
from
G.J.

	Standard	Reading	Acceptance Range	Pass / Fail ?
pH 1	7.00 @ 20.74 °C	7.08	±0.2	pass
pH 2 (optional)	@ °C		±0.2	
Sp Cond 1	998.0	987	±5%	pass
Sp Cond 2 (optional)			±5%	
ORP	240 @ 17.7 °C	247	±10%	pass

Dissolved Oxygen Calibration #1

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

Dissolved Oxygen Calibration #2

Time of Day	Temp, °C
Atmospheric Pressure	Pre-Cal DO%
DO Membrane Changed?	Pre-Cal DO mg/L
DO Charge Range=25 to 75	Post-Cal DO%
DO Gain Range=0.7 to 1.5	Post-Cal DO mg/L

If you are only op-checking the DO, use the table below. Note that there are multiple columns to allow for multiple checks throughout the day. The water in Pinellas can foul DO membranes, requiring frequent sensor maintenance and recalibrations. Check the DO frequently to look for performance drift.

Dissolved Oxygen Op-Checks

Time of day	1240				
Atmospheric Pressure	764.2				
Temperature, °C	19.59				
Known Saturation Value, mg/L (From Table FS 2200-2 or FT 1500-1)	9.166				
Saturation Value Reading, mg/L (Acceptance Range is ±0.3 mg/L of theoretical DO in H2O saturated air)	9.25				
Pass / Fail?	pass				

Turbidity 3-Point Check

Instrument:

Standard	Reading	Pass / Fail?
10	9.84	pass
100	98.5	pass
800	794	pass

Hsw
turbidity
meter
#1

Turbidity Acceptance Ranges

0-10 ntu ±10%
10-40 ntu ±8%
41-100 ntu ±6.5%
>100 ntu ±5%

Temperature CCVs S/N 192368342
(End of Event only)

Parameter	NIST Value	Reading	Acceptance Range	Pass / Fail ?
Temp low	0.81	0.74	±0.5°C from NIST	pass
Temp med	4.22	4.26		pass
Temp high	19.04	19.08		pass

For CCVs that fail, perform instrument maintenance as necessary and perform the calibration again.

Zobell Lot # 17M100316, Exp. 12-14-22, mixed 2-24-21

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