



Georgia-Pacific LLC
133 Peachtree Street NE (30303-1847)
P.O. Box 105605
Atlanta, Georgia 30348-5605
(404) 652-5054
(404) 654-4701 fax
www.gp.com

5 May 2021

Mr. Tom Lanphar
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710-2721

Subject: Groundwater Monitoring Report
Former Georgia-Pacific Wood Products Facility
90 West Redwood Avenue, Fort Bragg, Mendocino County, California

Dear Mr. Lanphar,

Georgia-Pacific is submitting the Groundwater Monitoring Report. This submittal is pursuant to the Site Investigation and Remediation Order No. HAS-RAO 06-07-150 (Order) Section 5.1.4 for the former Georgia-Pacific Wood Products Facility located at 90 West Redwood Avenue, Fort Bragg, California.

If you have any questions or comments, please contact me at 678-640-7545.

Sincerely,

A handwritten signature in blue ink, appearing to read 'David G. Massengill'.

David G. Massengill
Senior Director – Remediation, Acquisitions Divestitures

cc:
Craig Hunt, NCRWQCB
Fort Bragg Public Library
Fort Bragg City Hall
Tabatha Miller, City of Fort Bragg

Attachment: Groundwater Monitoring Report



Kennedy Jenks

275 Battery Street, Suite 550
San Francisco, California 94111
415-243-2150

Groundwater Monitoring Report

Operable Units D and E, Former Georgia-Pacific Wood Products Facility Fort Bragg, California

5 May 2021

Prepared for

Georgia-Pacific LLC

133 Peachtree Street NE
Atlanta, GA 30303

KJ Project No. 1665018*20

Groundwater Monitoring Report

Former Georgia-Pacific Wood Products Facility
90 West Redwood Avenue
Fort Bragg, California

Order No:
HAS-RAO 06-07-150

Prepared for:

Georgia-Pacific LLC
133 Peachtree Street NE
Atlanta, GA 30303

Prepared By:
Kennedy Jenks
275 Battery Street, Suite 550
San Francisco, California 94111
415-243-2150

May 2021



Rachel Morgan, EIT
Project Engineer



Deonne Knill, PE (OR)
QA/QC



Jeremie Maehr, PE (CA #C68970)
Principal Project Engineer



5/5/2021

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Acronyms and Abbreviations

| | |
|-----------------|--|
| µg/L | microgram(s) per liter |
| 1,1-DCA | 1,1-Dichloroethane |
| 1,1-DCE | 1,1-Dichloroethene |
| AOC | area of concern |
| AOI | area of interest |
| Arcadis | Arcadis U.S., Inc. |
| BBL | Blasland, Bouck & Lee, Inc. |
| Blaine Tech | Blaine™ Tech Services |
| COC | chemical of concern |
| DO | dissolved oxygen |
| DTSC | California Environmental Protection Agency, Department of Toxic Substances Control |
| DTW | depth to water |
| e.g. | for example |
| Georgia-Pacific | Georgia-Pacific LLC |
| i.e. | that is |
| IRM | Interim Remedial Measure |
| LPH | liquid-phase hydrocarbon |
| MNA | monitored natural attenuation |
| MRL | Method Reporting Limit |
| MS | matrix spike |
| MSD | matrix spike duplicate |
| MW | monitoring well |

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| | |
|-------------|--|
| Order | Site Investigation and Remediation Order (Docket No. HSA-RAO 06-07-150) |
| ORP | oxidation reduction potential |
| OU | Operable Unit |
| PCE | tetrachloroethene |
| PDB | passive diffusion bag |
| QA | quality assurance |
| QAPP | Quality Assurance Project Plan |
| QC | quality control |
| report | First Semi-Annual Year 3 Groundwater Monitoring Report |
| RG | remedial goal |
| Site | Former Georgia-Pacific Wood Products Facility Located at 90 West Redwood Avenue, Fort Bragg, Mendocino County, California |
| TCE | trichloroethene |
| TestAmerica | TestAmerica Laboratories |
| TPHd | total petroleum hydrocarbons as diesel |
| TPHg | total petroleum hydrocarbons as gasoline |
| TRC | TRC Companies Inc. |
| USEPA | United States Environmental Protection Agency |
| VC | vinyl chloride |
| VOC | volatile organic compound |

Section 1: Introduction

On behalf of Georgia-Pacific LLC (Georgia-Pacific), Kennedy Jenks prepared this Groundwater Monitoring Report (report) for Operable Units D and E at the former Georgia-Pacific Wood Products Facility located at 90 West Redwood Avenue, Fort Bragg, Mendocino County, California (site; Figures 1 and 2). This report summarizes data collected in March 2021 representing the second seasonal monitoring period of Year 3 of the biennial program described in the OU-D/E Groundwater Operation and Maintenance Plan (GW O&M Plan; Kennedy Jenks 2020).

1.1 Site Background

The site is located west of California Highway 1 along the Pacific Ocean coastline and is bounded by the City of Fort Bragg to the east and north, Noyo Bay to the south, and the Pacific Ocean to the west. Regular monitoring and reporting are required by the California Department of Toxic Substances Control (DTSC) under the Site Investigation and Remediation Order (Order; Docket No. HSA-RAO 06-07-150), which became effective on 21 February 2007.

Groundwater monitoring at the site has been conducted since 2004, and is currently completed in accordance with the OU-D/E GW O&M Plan, which was approved by DTSC (DTSC 2020). Consistent with the GW O&M Plan, groundwater quality is discussed primarily in terms of area of concern (AOC) within each Operable Unit (OU). The GW O&M Plan requires two Year 3 monitoring events and two Year 5 monitoring events, with monitoring events completed seasonally in third quarter and first quarter for each year. The GW O&M Plan program began in third quarter 2018, and therefore the March 2021 event completes the second and final Year 3 monitoring event. Monitoring wells included in this event are presented in Table 1-1.

Georgia-Pacific no longer owns OU-A, as well as portions of OU-B, OU-C, OU-D, and OU-E (Figure 2). The portion of the site currently owned by Georgia-Pacific is approximately 292 acres in size.

Section 2: Scope of Work

Groundwater monitoring was conducted during the week of 1 March 2021 by Blaine™ Tech Services (Blaine Tech), a subconsultant to Kennedy Jenks. This event completes the second of two Year 3 monitoring events.

There are 14 groundwater monitoring wells in the long-term monitoring program (Kennedy Jenks 2020), seven of which were sampled as part of the Year 3 monitoring event. Liquid-phase hydrocarbon (LPH) was detected in monitoring well MW-5.5, and therefore, a sample was not collected. Table 1-1 presents a sampling and analysis summary for samples collected during this monitoring event.

Sampling was conducted in accordance with the Groundwater Sampling Procedures (Appendix B in the GW O&M Plan; Kennedy Jenks 2020), which describes groundwater gauging, purging, and sampling methods [low-flow, as well as passive diffusion bag (PDB) sampling].

2.1 Groundwater Gauging, Sampling, and Analysis

2.1.1 Groundwater Gauging

Prior to sampling the groundwater monitoring wells, Blaine Tech collected headspace measurements using a photoionization detector, depth to water (DTW), and LPH thickness measurements (when applicable) from the actively monitored network (Figure 2). Table 2-1 presents recent DTW, LPH thickness, and groundwater elevation data.

Appendix A provides well construction details and Appendix B provides historical DTW and LPH thickness measurements for the actively monitored and/or gauged locations. Groundwater gauging and sampling documentation is included in Appendix C. Appendix F presents hydrographs for select monitoring wells gauged at the site to evaluate water-level fluctuations and seasonal trends.

2.1.2 Groundwater Sampling

Monitoring wells [except MW-6.7 and MW-6.10 for volatile organic compound (VOC) sample collection] were purged using a bladder pump and low-flow methods according to procedures discussed in the GW O&M Plan. During purging, field data were recorded on groundwater sampling logs (Appendix C). Table 2-2 summarizes purging parameters.

PDBs are used to collect samples at monitoring wells MW-6.3, MW-6.7, and MW-6.10 for VOC analysis, in accordance with procedures presented in the O&M Plan. PDBs are used to collect representative samples from specified depth intervals within the monitoring well screen intervals. Sampling using PDBs provides monitoring data of equivalent quality to purge and sample methods, and will generate less investigation-derived waste. PDB samplers were pre-filled with deionized water, encased in nylon netting, and assembled for deployment by EON Products, Inc. Prior to PDB deployment, Blaine Tech personnel collected total depth and DTW

measurements to confirm placement intervals as specified in the GW O&M Plan. Per the GW O&M Plan, samples were not collected from MW-6.3 during Year 3 monitoring events. However, when samples are collected from MW-6.3, low-flow sampling methodology is used for dissolved arsenic sample collection from monitoring well MW-6.3.

Following sample collection, total depth, and DTW measurements, new PDBs were deployed at monitoring wells MW-6.7 and MW-6.10 for sample collection during the first Year 5 sampling event in accordance with procedures presented in the O&M Plan. Field notes for PDB deployment and sampling are included in Appendix C.

Groundwater samples were collected according to procedures in the GW O&M Plan from locations scheduled for sampling. Groundwater samples were shipped in ice-chilled coolers under chain-of-custody protocol to California Department of Public Health Environmental Laboratory Accreditation Program certified TestAmerica Laboratories (TestAmerica) for chemical analysis.

2.1.3 Groundwater Sample Analyses

TestAmerica analyzed groundwater samples for one or more of the chemicals of concern (COCs) and associated methods, as listed below and in Table 1-1. The following list includes COCs for which analysis was scheduled at the site in accordance with GW O&M Plan:

- Dissolved arsenic via United States Environmental Protection Agency (USEPA) Method 6020.
- Total petroleum hydrocarbons as gasoline (TPHg; reported as C5-C12 carbon range) via USEPA Method 8260B.
- Total petroleum hydrocarbons as diesel (TPHd; reported as C10-C28 carbon range) via USEPA Methods 8015D and 3630C (silica gel cleanup).
- VOCs (1,1-DCA, 1,1-DCE, PCE, TCE, and VC only) via USEPA Method 8260B. Per DTSC request, the laboratory accommodated a reporting limit of 0.020 micrograms per liter ($\mu\text{g/L}$) for vinyl chloride with Method 8260B.
- Atrazine via USEPA Method 619.

Analytical reports and chain of custody forms are presented in Appendix D.

2.2 Quality Assurance/Quality Control

2.2.1 Standard Analyses

Blind field duplicates, matrix spikes (MSs)/matrix spike duplicates (MSDs), and trip blanks were collected and submitted for analysis as specified in the Quality Assurance Project Plan (QAPP; Arcadis BBL 2007), along with an equipment blank that was collected by passing deionized water over and through a clean bladder pump equipped with an unused Teflon® bladder and then collecting the discharge. The duplicate and MS/MSD collection frequencies met the requirements of the QAPP. Table 1-1 presents the analyses conducted on the quality assurance (QA)/quality control (QC) samples.

Method blanks were analyzed by the laboratory as required by the QAPP. Results of laboratory method blanks were reviewed during the data validation process to evaluate whether QA/QC requirements were met.

2.2.2 Data Validation

Laboratory data were reviewed by Kennedy Jenks in accordance with USEPA guidance (USEPA 2017a and 2017b) and the QAPP (Arcadis BBL 2007). The validation report is included in Appendix E. The data collected during the second Year 3 event are considered acceptable for reporting purposes.

2.3 Investigation-Derived Waste

Waste fluids resulting from monitoring and development activities, including cleaning fluids and monitoring well purge water, were temporarily contained in 5-gallon buckets with lids. These fluids were transferred to an onsite storage tank pending characterization and offsite disposal. Solid waste items, including paper, plastic, cardboard, and used gloves, were contained in plastic trash bags and disposed of in an onsite dumpster.

Section 3: Results and Discussion

3.1 Groundwater Elevations and Liquid-Phase Hydrocarbons Thicknesses

On 1 March 2021, DTW and LPH thickness measurements were collected from eight monitoring wells (including MW-5.5). LPH was detected in monitoring well MW-5.5, with a thickness of 0.04 feet. This continues a decreasing trend in LPH thickness after an elevated observation in September 2018. Table 2-1 shows the groundwater elevation and LPH thickness data for the monitoring event and Appendix B provides historical data. Appendix F presents hydrographs for select monitoring wells gauged at the site during the monitoring event.

Figure 3 presents a groundwater elevation contour map for 1 March 2021. Groundwater elevations ranged from 46.41 (MW-6.10) to 87.82 (MW-9.2) feet relative to the North American Vertical Datum of 1988. These observations are consistent with historical trends. Hydrographs in Appendix F indicate a distinct and consistent variation in groundwater elevations by season (i.e., elevations are higher in the winter and spring and lower in the summer and fall), consistent with historical observations.

3.2 Field Data Discrepancies

As discussed in Section 2.1, monitoring wells were purged prior to sampling (except MW-6.7 and MW-6.10 for VOC sampling using PDBs). The average pumping rates for the monitoring wells sampled during this event were generally within the recommended range of 200 to 500 milliliters per minute. The purging field data are included in Table 2-2 to characterize final conditions at each monitoring well prior to sampling. The field data were consistent with historical data. No discrepancies were observed in data recorded during the purging and sampling of wells during the monitoring event.

3.3 Groundwater Quality

The following subsections discuss the groundwater monitoring program by AOC. Tables 3-1 through 3-5 summarize the groundwater analytical data.

Each monitoring well included was assigned a purpose (e.g., source, downgradient, transition, geochemistry) within the O&M program to guide interpretation of the results (Table 1-1). Notable results will be highlighted where applicable herein. Data and trends will be evaluated further in the Five-Year Review Report, anticipated to be submitted in 2024 after completion of Year 5 monitoring.

3.3.1 Operable Unit D

3.3.1.1 Planer #2 AOC

There are five monitoring wells in the Planer #2 area of interest (AOI) in the monitoring well network: MW-6.3, MW-6.4, MW-6.5, MW-6.7, and MW-6.10. The monitoring well network for Planer #2 AOI includes two distinct areas: one addressing VOCs (MW-6.3, MW-6.7, and MW-6.10) and the other addressing arsenic (MW-6.3, MW-6.4, and MW-6.5). MW-6.7 and MW-6.10 are monitored in Year 3 and Year 5; MW-6.3, MW-6.4, and MW-6.5 are monitored in Year 5 only.

As presented in Table 3-1, results for MW-6.7 and MW-6.10 from this event are generally consistent with results from previous monitoring events.

3.3.1.2 Sawmill/Sorter AOC

There are three monitoring wells in the Sawmill/Sorter AOI in the monitoring well network: MW-7.1, MW-7.2, and MW-7.3. Groundwater in the Sawmill/Sorter AOI is monitored for arsenic, and wells are monitored in both Year 3 and Year 5.

As presented in Table 3-2, results from this event are consistent with results from the baseline monitoring events. Arsenic was not detected upgradient well MW-7.2, and therefore, arsenic concentrations at MW-7.1 and MW-7.3 appear to be a result of reductive geochemical conditions typically observed where degrading organic materials such as bark and wood chips are present. This is consistent with the evaluation reported in the MNA Tech Report (Arcadis 2013) and 2009 Geochemistry Evaluation (Arcadis 2010) and is supported by field parameters measured at the time of sampling during the baseline monitoring events. The evaluation concluded that naturally occurring redox processes are the primary cause of elevated dissolved arsenic concentrations in groundwater, and arsenic likely attenuates after mixing with more oxic water resulting in precipitation of iron oxides with scavenging of arsenic from solution. Oxidation reduction potential (ORP) and dissolved oxygen (DO) are standard field indicator parameters measured in accordance with the QAPP and groundwater monitoring well sampling procedures; ORP and DO will continue to be measured. These conditions will continue to be evaluated in the next monitoring event.

3.3.1.3 Greenhouse AOC

There are two monitoring wells in the Greenhouse AOI in the existing monitoring well network: MW-9.1 and MW-9.2. Atrazine has not been detected at MW-9.1; MW-9.1 will be monitored in Year 5 only.

As presented in Table 3-3, atrazine was not detected at MW-9.2 during this event.

3.3.2 Operable Unit E

Groundwater in OU-E does not yet have an approved remedy. However, monitored natural attenuation (MNA) was recommended as the remedy for OU-E groundwater in the approved OU-E FS, and MNA is the proposed remedy in the Draft OU-E RAP which was submitted to DTSC on 16 September 2020. A revised Draft OU-E RAP was submitted to DTSC on

14 October 2020. OU-E groundwater was included in the two baseline monitoring events and changes were proposed in the GW O&M Plan, which was approved by DTSC.

3.3.2.1 Lowland Groundwater

Groundwater in the Powerhouse and Fuel Barn area of interest (AOI), Water Treatment and Truck Dump AOI, and Sawmill #1 AOI are collectively discussed herein as the Lowland Groundwater AOC. This is consistent with the OU-E FS. There are two existing monitoring wells in the OU-E Lowlands in the monitoring well network: MW-4.1 and MW-5.7. The 2009 Geochemistry Evaluation (Arcadis 2010) included an evaluation of arsenic in the vicinity of MW-4.1 and MW-5.7. The evaluation concluded that naturally occurring redox processes are the primary cause of elevated dissolved arsenic and barium concentrations in groundwater.

MW-4.1 (barium) and MW-5.7 (arsenic) will be monitored in Year 5 only; therefore, they were not included in this event. Previous monitoring results are provided in Table 3-4 for reference.

3.3.2.2 IRM AOI and West of IRM AOI

There are two existing monitoring wells in the Interim Remedial Measure (IRM) AOI and West of IRM AOI: MW-5.5 and MW-5.20. Both groundwater wells are monitored in both Year 3 and Year 5. MW-5.5 is upgradient of MW-5.20 and contains LPH. MW-5.20 is downgradient of MW-5.5 and will be monitored when liquid level measurements are collected at MW-5.5.

LPH was observed at MW-5.5, but at a reduced thickness than seen in the previous three events. TPHg and TPHd were not detected above the remedial goal in MW-5.20. As presented in Table 3-5, results from this event are consistent with results from previous monitoring events.

3.4 Quality Assurance/Quality Control

Data validation was performed as discussed in Section 2.2.2 and the Data Validation Report (Appendix E). Data qualifiers resulting from validation have been appended to laboratory results and are presented in Tables 3-1 through 3-5. Results of the data validation process indicate that QC criteria, including those for holding times, sample temperatures, sample preservation, blanks, duplicates, spikes, and standards were generally met by the laboratories. In the instances that these criteria were not met, the resulting validated data were found to be generally consistent with historical data measured during previous monitoring events.

Overall, the assessment of analytical results indicates that the data are acceptable and usable. Qualification was due to method contamination. The impact of this deviation is that one reported laboratory value has been qualified as estimated and affixed with qualifiers as detailed in Appendix E. In general, validation of laboratory reports indicated that the majority of laboratory data meet the criteria specified in the QAPP (Arcadis BBL 2007) for precision, accuracy, representativeness, comparability, and completeness. No systemic laboratory QC issues were identified, and no corrective actions were required.

Some Method Reporting Limits (MRLs) exceeded some remedial goals (RGs) during this and previous sampling events. The QAPP (Arcadis BBL 2007) includes an evaluation of MRLs of the analytical methods historically used relative to screening levels. For certain analytes, analytical

techniques are not available to meet the RG values; however, analytical methods that meet federal and state promulgated maximum contaminant levels are available. The achieved MRLs are deemed adequate for the characterization of groundwater at the site.

Section 4: Future Work

Georgia-Pacific conducted groundwater monitoring at the site in accordance with the O&M Plan. Overall, the results were consistent with previous monitoring results. The next groundwater monitoring event will be completed in Third Quarter 2022.

References

- Arcadis. 2010. In Situ Chemical Oxidation Pilot Study Work Plan – Planer #2 AOI. Prepared for Georgia-Pacific LLC. August.
- Arcadis. 2013. Comprehensive Monitoring Plan Update No. 6, Former Georgia-Pacific Wood Products Facility, 90 West Redwood Avenue, Fort Bragg, California. Prepared for Georgia-Pacific LLC. November 6.
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- USEPA. 2017a. USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. Available online at: <http://www.epa.gov/superfund/programs/clp/download/somnfg.pdf>. January.
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Tables

Table 1: Groundwater Sampling and Analysis Matrix

Georgia-Pacific Property - Year 3

| Monitoring Well ID | OU | AOI | Purpose | Date | Time | Sample ID | Sample Type | Sample Purpose | Filter Size (micron) | Dissolved CAM-17 Metals by USEPA Method 6020 | TPH by USEPA Method 8260B | TPHd by USEPA Methods 8015B/3630C with silica gel cleanup | VOCs by USEPA Method 8260B | Atrazine by USEPA Method 619 | Sampling Comments |
|--------------------|----|---------------------|--------------|----------|-------|---------------------|-------------|----------------|----------------------|--|---------------------------|---|----------------------------|--|--------------------------------------|
| MW-6.7 | D | Planer #2 AOI | Source | 3/1/2021 | 16:55 | MW-6.7-030121 | GW | P | None | | | | • | | 1,1-DCA, 1,1-DCE, PCE, TCE, VC only. |
| MW-6.10 | D | Planer #2 AOI | Transition | 3/1/2021 | 16:35 | MW-6.10-030121 | GW | P | None | | | | • | | 1,1-DCA, 1,1-DCE, PCE, TCE, VC only. |
| MW-7.1 | D | Sawmill/Sorter | Geochemistry | 3/2/2021 | 8:09 | MW-7.1-030221 | GW | P | 0.45 | • | | | | | Dissolved arsenic only. |
| MW-7.2 | D | Sawmill/Sorter | Upgradient | 3/2/2021 | 10:55 | MW-7.2-030221 | GW | P | 0.45 | • | | | | | MS/MSD; Dissolved arsenic only. |
| | | | | | 11:00 | GP-DUP-1-030221 | GW | Du | None | • | | | | | Dissolved arsenic only. |
| MW-7.3 | D | Sawmill/Sorter | Geochemistry | 3/2/2021 | 8:38 | MW-7.3-030221 | GW | P | 0.45 | • | | | | | Dissolved arsenic only. |
| | | | | 3/2/2021 | 8:43 | GP-DUP-2-030221 | | Du | 0.45 | • | | | | | Dissolved arsenic only. |
| MW-9.2 | D | Greenhouse | Source | 3/2/2021 | 12:04 | MW-9.2-030221 | GW | P | None | | | | • | | |
| MW-5.5 | E | IRM and West of IRM | Source | 3/1/2021 | - | - | GW | P | None | | • | • | | | measure free product if observed |
| MW-5.20 | E | IRM and West of IRM | Downgradient | 3/1/2021 | 18:00 | MW-5.20-030121 | GW | P | None | | | • | • | | |
| None | - | - | - | 3/2/2021 | 12:30 | GP-EB-1-030221 | LDI | EB | 0.45 | • | | | | | Dissolved arsenic only |
| | | | | | | | LDI | | None | • | • | • | • | For VOCs: 1,1-DCA, 1,1-DCE, PCE, TCE, VC only. | |
| None | - | - | - | 3/1/2021 | 16:15 | GP-TB-1-030121 | LDI | TB | None | | | | • | | |
| None | - | - | - | 3/1/2021 | 16:20 | GP-PDB-BLANK-030121 | LDI | TB | None | | | | • | | |

Notes:

-- Not applicable, not measured, or not analyzed

• Analysis required

(•) Analysis scheduled but not requested or not conducted for reasons indicated

Du Duplicate

EB Equipment Blank

GW Groundwater

LDI Laboratory-provided deionized water

MS/MSD Matrix spike/matrix spike duplicate

P Primary

TPH total petroleum hydrocarbons

TPHd total petroleum hydrocarbons as diesel

TPHg total petroleum hydrocarbons as gasoline

TB Trip blank

USEPA United States Environmental Protection Agency

VOC volatile organic compound

SA Semi-annual

Table 2-1: Groundwater Elevation and LPH Thickness Data

| Well ID | Measurement Date | Reference Elevation (ft NAVD88) | Depth To Water (ft toc) | Groundwater Elevation (ft NAVD88) | Depth To Product (ft toc) | Product Thickness (ft) |
|---------------------------------|------------------|---------------------------------|-------------------------|-----------------------------------|---------------------------|------------------------|
| Planer #2 AOI | | | | | | |
| MW-6.7 | 3/1/2021 | 49.78 | 2.01 | 47.77 | ND | 0.00 |
| MW-6.10 | 3/1/2021 | 50.45 | 4.04 | 46.41 | ND | 0.00 |
| Sawmill/Sorter AOI | | | | | | |
| MW-7.1 | 3/1/2021 | 53.50 | 5.86 | 47.64 | ND | 0.00 |
| MW-7.2 | 3/1/2021 | 60.73 | 6.60 | 54.13 | ND | 0.00 |
| MW-7.3 | 3/1/2021 | 55.78 | 4.72 | 51.06 | ND | 0.00 |
| Greenhouse AOI | | | | | | |
| MW-9.2 | 3/1/2021 | 96.55 | 8.73 | 87.82 | ND | 0.00 |
| IRM and West of IRM AOIs | | | | | | |
| MW-5.5 | 3/1/2021 | 57.14 | 4.29 | 52.85 | 4.25 | 0.04 |
| MW-5.20 | 3/1/2021 | 59.01 | 7.13 | 51.88 | ND | 0.00 |

Notes:

| | | | |
|--------|---------------------------------------|-----|-----------------------------|
| ft | foot or feet | bgs | below ground surface |
| NAVD88 | North American Vertical Datum of 1988 | toc | (relative to) top of casing |
| ND | not detected | LPH | liquid-phase hydrocarbon |

Table 2-2: Purging Data Summary

| Location ID | Purging and/or Sampling Date | Screen Top (ft toc) | Screen Bottom (ft toc) | Bladder Pump Depth (ft toc) | Average Pumping or Flow Rate (mL/min) | Final pH (standard units) | Final Electrical Conductivity (µS/cm) | Final Dissolved Oxygen (mg/L) | Final ORP (mV) | Final Turbidity (NTU) |
|---------------------------------|------------------------------|---------------------|------------------------|-----------------------------|---------------------------------------|---------------------------|---------------------------------------|-------------------------------|----------------|-----------------------|
| Planer #2 AOI | | | | | | | | | | |
| MW-6.7 | 3/1/2021 | 4.50 | 8.50 | -- | -- | -- | -- | -- | -- | -- |
| MW-6.10 | 3/1/2021 | 4.50 | 9.50 | -- | -- | -- | -- | -- | -- | -- |
| Sawmill/Sorter AOI | | | | | | | | | | |
| MW-7.1 | 3/2/2021 | 5.00 | 15.00 | 10 | 200 | 6.14 | 904 | 0.73 | 43.9 | 3 |
| MW-7.2 | 3/2/2021 | 5.00 | 15.00 | 11 | 200 | 5.74 | 288.4 | 0.61 | 50.6 | 15 |
| MW-7.3 | 3/2/2021 | 5.00 | 15.00 | 10 | 200 | 5.95 | 685 | 0.55 | 23.1 | 4 |
| Greenhouse AOI | | | | | | | | | | |
| MW-9.2 | 3/2/2021 | 7.00 | 17.00 | 13 | 200 | 5.39 | 168.4 | 9.19 | 78.2 | 18 |
| IRM and West of IRM AOIs | | | | | | | | | | |
| MW-5.20 | 3/1/2021 | 5.00 | 15.00 | 13 | 200 | 6.24 | 1084 | 8.53 | 107 | 3 |

Notes:

| | | | |
|--------|---------------------------------------|------|-------------------------------|
| ft | foot or feet | bgs | below ground surface |
| NAVD88 | North American Vertical Datum of 1988 | toc | (relative to) top of casing |
| mL/min | milliliter(s) per minute | mg/L | milligram(s) per liter |
| mV | millivolt(s) | NTU | nephelometric turbidity units |

Notes for All Tables

- (a) Each monitoring well was assigned a purpose within the O&M program in the O&M Plan. These purposes are listed beneath the monitoring well ID in the tables.
- (b) Only total TPHd and total TPHg concentrations are reported by the laboratory and presented in reports. The instruments used for analysis are calibrated to read the total diesel or gasoline range, in which the respective fractions are estimated. Presenting these fractions may provide calculated total concentrations that do not accurately represent site concentrations. Total TPH concentrations present a more accurate representation of the site as the instruments are calibrated for total TPH, and no estimating is involved. The current sampling objective is to monitor the influence of either previous soil remediation or offsite sources on groundwater quality; therefore, the total TPH concentrations are adequate because the NCRWQCB criteria are based solely on total concentrations.

'--' denotes not measured, not available, or not applicable.

'<' denotes not detected at or above the indicated method reporting limit.

Greater than or equal to RG

Not part of the O&M program

The most recent four events are non-detect and/or below the RG.

mg/l milligrams per liter

ug/l micrograms per liter

B Analyte found in associated blank.

H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.

J indicates an estimated concentration based on either the being less than the laboratory reporting limit or data validation findings.

Y The Chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard

Table 3-1A: Planer #2 AOI (OU-D)

| | | | | Chemical Units | 1,1-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | Tetrachloroethene (PCE) µg/L | Trichloroethene (TCE) µg/L | Vinyl Chloride µg/L |
|------------------------------|------------------|-------------|--|--------------------|----------------------------|----------------------------|---------------------------------|-------------------------------|------------------------|
| | | | | Remedial Goal (RG) | 3 | 6 | 0.06 | 1.7 | 0.05 |
| | | | | MCL | 5 | 6 | 5 | 5 | 0.5 |
| Sample ID | Parent Sample ID | Sample Date | | | | | | | |
| MW-6.3 - downgradient | | | | | | | | | |
| MW-6.3-20071010 | | 10/10/2007 | | 9.2 | 8.1 | < 0.5 | < 0.5 | < 0.5 | 0.09 J |
| MW-6.3-20071212 | | 12/12/2007 | | 6.9 | 8.8 | < 0.5 | < 0.5 | < 0.5 | 0.3 J |
| MW-6.3-080325 | | 3/25/2008 | | 4.1 | 5.0 | < 0.5 | < 0.5 | < 0.5 | 0.1 J |
| MW-6.3-080604 | | 6/4/2008 | | 2.3 | 2.4 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-080924 | | 9/24/2008 | | 7.0 | 9.7 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-081211 | | 12/11/2008 | | 5.4 | 8.6 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-090305 | | 3/5/2009 | | 3.2 | 6.8 | < 0.5 | < 0.5 | < 0.5 | 0.1 J |
| MW-6.3-090609 | | 6/9/2009 | | 3.0 | 4.7 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-090915 | | 9/15/2009 | | 3.7 | 6.9 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-091208 | | 12/8/2009 | | 2.8 | 7.3 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-100318 | | 3/18/2010 | | 1 | 1.8 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-100616 | | 6/16/2010 | | 1.3 | 3.2 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-100921 | | 9/21/2010 | | 3.1 | 7.5 J | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-101214 | | 12/14/2010 | | 1.9 | 6.9 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-110428 | | 4/28/2011 | | 1.4 | 4.7 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-110428D | MW-6.3-110428 | 4/28/2011 | | 1.4 | 4.8 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-110712 | | 7/12/2011 | | 1.2 | 3.0 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-110712D | MW-6.3-110712 | 7/12/2011 | | 1.2 | 3.3 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-111005 | | 10/5/2011 | | 0.87 | 2.8 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-111005D | MW-6.3-111005 | 10/5/2011 | | 0.85 | 2.8 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-111214 | | 12/14/2011 | | 1.5 | 6.5 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-111214D | MW-6.3-111214 | 12/14/2011 | | 1.5 | 6.6 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-120320 | | 3/20/2012 | | 0.68 | 2.8 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-120620 | | 6/20/2012 | | 0.97 | 5.1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-120620D | MW-6.3-120620 | 6/20/2012 | | 1.0 | 5.1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-120919 | | 9/19/2012 | | 1 | 4.9 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-120919D | MW-6.3-120919 | 9/19/2012 | | 1.1 | 4.8 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |

Table 3-1A: Planer #2 AOI (OU-D)

| | | | | Chemical Units | 1,1-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | Tetrachloroethene (PCE) µg/L | Trichloroethene (TCE) µg/L | Vinyl Chloride µg/L |
|------------------------|------------------|-------------|--|--------------------|----------------------------|----------------------------|---------------------------------|-------------------------------|------------------------|
| | | | | Remedial Goal (RG) | 3 | 6 | 0.06 | 1.7 | 0.05 |
| | | | | MCL | 5 | 6 | 5 | 5 | 0.5 |
| Sample ID | Parent Sample ID | Sample Date | | | | | | | |
| MW-6.3 (cont'd) | | | | | | | | | |
| MW-6.3-121212 | | 12/12/2012 | | 0.41 J | 2.1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-121212D | MW-6.3-121212 | 12/12/2012 | | 0.49 J | 2.4 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-130307 | | 3/7/2013 | | 0.91 | 6.6 | < 0.16 | < 0.11 | < 0.16 | < 0.16 |
| MW-6.3-130307D | MW-6.3-130307 | 3/7/2013 | | 0.92 | 6.8 | < 0.16 | < 0.11 | < 0.16 | < 0.16 |
| MW-6.3-130820 | | 8/20/2013 | | 1.1 | 6.0 | < 0.50 | < 0.40 | < 0.40 | < 0.40 |
| MW-6.3-140305 | | 3/5/2014 | | 0.51 | 4.9 | < 0.50 | < 0.40 | < 0.20 | < 0.20 |
| MW-6.3-140918 | | 9/18/2014 | | 0.68 | 3.2 | < 0.50 | < 0.40 | < 0.20 | < 0.20 |
| MW-6.3-030515 | | 3/5/2015 | | 0.40 J | 3.9 | < 0.50 | < 0.40 | < 0.20 | < 0.20 |
| MW-6.3-150901 | | 9/1/2015 | | 0.39 J | 2.5 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-031016 | | 3/10/2016 | | 0.25 J | 2.0 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-091316 | | 9/13/2016 | | 0.39 J | 2.1 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-022217 | | 2/22/2017 | | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.3-083017 | | 8/30/2017 | | 0.26 J- | 2.1 J- | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-030618 | | 3/6/2018 | | 0.31 J | 2.2 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.3-091218 | | 9/12/2018 | | 0.29 | 1.8 | < 0.50 | < 0.20 | < 0.020 | < 0.020 |
| MW-6.3-022819 | | 2/28/2019 | | < 0.20 | < 0.20 | < 0.50 | < 0.20 | < 0.020 J | < 0.020 J |
| MW-6.7 - source | | | | | | | | | |
| MW-6.7-101228 | | 12/28/2010 | | 21 J | 24 J | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.7-101228D | MW-6.7-101228 | 12/28/2010 | | 18 | 25 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| MW-6.7-110428 | | 4/28/2011 | | 22 | 23 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.7-110712 | | 7/12/2011 | | 27 | 32 | < 0.50 | 0.21 J | < 0.50 | < 0.50 |
| MW-6.7-111005 | | 10/5/2011 | | 13 | 23 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.7-111214 | | 12/14/2011 | | 16 | 27 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.7-120321 | | 3/21/2012 | | 13 | 23 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| MW-6.7-120619 | | 6/19/2012 | | 15 | 34 | < 0.50 | 0.20 J | < 0.50 | < 0.50 |
| MW-6.7-120918 | | 9/18/2012 | | 14 | 35 | < 0.5 | 0.24 J | < 0.5 | < 0.5 |
| MW-6.7-121212 | | 12/12/2012 | | 10 | 19 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |

Table 3-1A: Planer #2 AOI (OU-D)

| | | | | Chemical Units | 1,1-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | Tetrachloroethene (PCE) µg/L | Trichloroethene (TCE) µg/L | Vinyl Chloride µg/L |
|------------------------|------------------|-------------|--|--------------------|----------------------------|----------------------------|---------------------------------|-------------------------------|------------------------|
| | | | | Remedial Goal (RG) | 3 | 6 | 0.06 | 1.7 | 0.05 |
| | | | | MCL | 5 | 6 | 5 | 5 | 0.5 |
| Sample ID | Parent Sample ID | Sample Date | | | | | | | |
| MW-6.7 (cont'd) | | | | | | | | | |
| MW-6.7-130307 | | 3/7/2013 | | 15.7 | 27.3 | < 0.16 | 0.17 J | < 0.16 | |
| MW-6.7-130820 | | 8/20/2013 | | 16.7 | 43.9 | < 0.50 | 0.21 J | < 0.40 | |
| MW-6.7-130820D | MW-6.7-130820 | 8/20/2013 | | 17.5 | 47.2 | < 0.50 | 0.25 J | < 0.40 | |
| MW-6.7-140305 | | 3/5/2014 | | 5.3 | 10.9 J | < 0.50 | < 0.40 | < 0.20 | |
| MW-6.7-140305D | MW-6.7-140305 | 3/5/2014 | | 2.0 | 8.7 | < 0.50 | < 0.40 | < 0.20 | |
| MW-6.7-140918 | | 9/18/2014 | | 9.7 | 59.0 | < 0.50 | 0.42 | 0.26 | |
| MW-6.7-140918D | MW-6.7-140918 | 9/18/2014 | | 9.6 | 58.8 | < 0.50 | 0.39 J | 0.30 | |
| MW-6.7-030515 | | 3/5/2015 | | 7.1 | 23.1 | < 0.50 | 0.17 J | < 0.20 | |
| DUP-2-030515 | MW-6.7-030515 | 3/5/2015 | | 7.1 | 23.7 | < 0.50 | 0.19 J | < 0.20 | |
| MW-6.7-150901 | | 9/1/2015 | | 4.5 | 29 | < 0.50 | 0.20 J | < 0.50 | |
| DUP-2-090115 | MW-6.7-150901 | 9/1/2015 | | 4.5 | 28 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.7-031016 | | 3/10/2016 | | 3.2 | 4.9 | < 0.50 | < 0.50 | < 0.50 | |
| DUP-2-031016 | MW-6.7-031016 | 3/10/2016 | | 3.6 | 5.9 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.7-091316 | | 9/13/2016 | | 4.0 | 45 | < 0.50 | 0.22 J | 0.30 J | |
| DUP-2-091316 | MW-6.7-091316 | 9/13/2016 | | 4.1 | 40 | < 0.50 | < 0.50 | 0.36 J | |
| MW-6.7-022217 | | 2/22/2017 | | 3.7 | 6.4 | < 0.5 | < 0.5 | < 0.5 | |
| DUP-3-022217 | MW-6.7-022217 | 2/22/2017 | | 3.6 | 6.2 | < 0.5 | < 0.5 | < 0.5 | |
| MW-6.7-083017 | | 8/30/2017 | | 3.8 | 49 | < 0.50 | < 0.50 | < 0.50 | |
| DUP-3-083017 | MW-6.7-083017 | 8/30/2017 | | 3.8 | 48 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.7-030618 | | 3/6/2018 | | 3.1 | 7.1 | < 0.50 | < 0.50 | < 0.50 | |
| DUP-2-030618 | MW-6.7-030618 | 3/6/2018 | | 2.9 | 7.8 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.7-091318 | | 9/13/2018 | | 3.4 J | 40 | 0.17 J | 0.33 | 0.18 J | |
| DUP-2-091318 | MW-6.7-091318 | 9/13/2018 | | 4.2 J | 40 | 0.14 J | 0.25 | 0.077 J | |
| MW-6.7-022819 | | 2/28/2019 | | 0.81 | 0.58 | < 0.50 | < 0.20 | < 0.020 J | |
| DUP-2-022819 | MW-6.7-022819 | 2/28/2019 | | 0.94 | 0.69 | < 0.50 | 0.17 J | < 0.020 J | |
| MW-6.7-091020 | | 9/10/2020 | | 4.6 | 57 | 0.15 J | < 0.20 | 0.49 | |
| MW-6.7-030121 | | 3/1/2021 | | 1.2 | 3.3 | < 0.50 | < 0.20 | < 0.020 J | |

Table 3-1A: Planer #2 AOI (OU-D)

| | | | | Chemical Units | 1,1-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | Tetrachloroethene (PCE) µg/L | Trichloroethene (TCE) µg/L | Vinyl Chloride µg/L |
|-----------------------------|------------------|-------------|--|--------------------|----------------------------|----------------------------|---------------------------------|-------------------------------|------------------------|
| | | | | Remedial Goal (RG) | 3 | 6 | 0.06 | 1.7 | 0.05 |
| | | | | MCL | 5 | 6 | 5 | 5 | 0.5 |
| Sample ID | Parent Sample ID | Sample Date | | | | | | | |
| MW-6.10 - transition | | | | | | | | | |
| MW-6.10-101227 | | 12/27/2010 | | 3.3 | 8.1 | < 0.5 | < 0.5 | < 0.5 | |
| MW-6.10-110428 | | 4/28/2011 | | 2.5 | 7.8 | < 0.50 | < 0.50 | 0.20 J | |
| MW-6.10-110714 | | 7/14/2011 | | 2.6 | 8.8 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-111005 | | 10/5/2011 | | 2.0 | 6.2 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-111214 | | 12/14/2011 | | 2.3 | 8.1 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-120320 | | 3/20/2012 | | 2.0 | 7.8 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-120619 | | 6/19/2012 | | 1.9 | 9.1 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-120919 | | 9/19/2012 | | 2.5 | 7.8 | < 0.5 | < 0.5 | < 0.5 | |
| MW-6.10-121212 | | 12/12/2012 | | 1.8 | 6.6 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-130307 | | 3/7/2013 | | 2.2 | 10.1 | < 0.16 | < 0.11 | < 0.16 | |
| MW-6.10-130820 | | 8/20/2013 | | 3.1 | 10.9 | < 0.50 | < 0.40 | < 0.40 | |
| MW-6.10-140305 | | 3/5/2014 | | 2.0 | 9.1 | < 0.50 | < 0.40 | < 0.20 | |
| MW-6.10-140918 | | 9/18/2014 | | 2.3 | 8.3 | < 0.50 | < 0.40 | 0.097 J | |
| MW-6.10-030515 | | 3/5/2015 | | 2.2 | 9.5 | < 0.50 | < 0.40 | 0.16 J | |
| MW-6.10-150901 | | 9/1/2015 | | 1.6 | 6.4 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-031016 | | 3/10/2016 | | 2.5 | 6.1 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-091316 | | 9/13/2016 | | 3.7 | 6.8 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-022217 | | 2/22/2017 | | 5.5 | 8.5 | < 0.5 | < 0.5 | < 0.5 | |
| MW-6.10-083017 | | 8/30/2017 | | 4.4 | 9.2 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-030618 | | 3/6/2018 | | 2.5 | 5.3 | < 0.50 | < 0.50 | < 0.50 | |
| MW-6.10-091318 | | 9/13/2018 | | 1.7 | 6.3 | < 0.50 | < 0.20 | < 0.020 | |
| MW-6.10-022819 | | 2/28/2019 | | 2.0 | 6.7 | < 0.50 | 0.36 | 0.21 J | |
| MW-6.10-091020 | | 9/10/2020 | | 2.7 | 8.0 | < 0.50 | < 0.20 | 0.18 | |
| MW-6.10-030121 | | 3/1/2021 | | 2.2 | 6.9 | < 0.50 | < 0.20 | 0.3 | |

Table 3-1B: Planer #2 AOI (OU-D)

| | | | | Chemical Units | Arsenic µg/L |
|------------------------------|-----------------|---------------------|-------------|--------------------|-----------------|
| | | | | Remedial Goal (RG) | 2.5 |
| | | | | MCL | 10 |
| | Sample ID | Parent Sample ID | Sample Date | | |
| MW-6.3 - downgradient | | | | | |
| | MW-6.3-20071010 | | 10/10/2007 | | 2.4 |
| | MW-6.3-20071212 | | 12/12/2007 | | 7.5 |
| | MW-6.3-080325 | | 3/25/2008 | | 16 |
| | MW-6.3-080604 | | 6/4/2008 | | 8.0 |
| | MW-6.3-080924 | | 9/24/2008 | | 13 |
| | MW-6.3-081211 | | 12/11/2008 | | 13 |
| | MW-6.3-090305 | | 3/5/2009 | | 9.4 |
| | MW-6.3-090609 | | 6/9/2009 | | 17 |
| | MW-6.3-090915 | | 9/15/2009 | | 13 |
| | MW-6.3-091208 | | 12/8/2009 | | 20 |
| | MW-6.3-100318 | | 3/18/2010 | | 29 |
| | MW-6.3-100616 | | 6/16/2010 | | 23 |
| | MW-6.3-100921 | | 9/21/2010 | | 6.2 |
| | MW-6.3-100921D | MW-6.3-100921 | 9/21/2010 | | 6.5 |
| | MW-6.3-101214 | | 12/14/2010 | | 9.9 |
| | MW-6.3-110428 | | 4/28/2011 | | 11 |
| | MW-6.3-110428D | MW-6.3-110428 | 4/28/2011 | | 12 |
| | MW-6.3-110712 | | 7/12/2011 | | 25 |
| | MW-6.3-110712D | MW-6.3-110712 | 7/12/2011 | | 23 |
| | MW-6.3-110714 | | 7/14/2011 | | 11 |
| | MW-6.3-110714D | MW-6.3-110714 | 7/14/2011 | | 11 |
| | MW-6.3-111005 | | 10/5/2011 | | 11 |
| | MW-6.3-111005D | MW-6.3-111005 | 10/5/2011 | | 9.0 |
| | MW-6.3-111214 | | 12/14/2011 | | 7.8 |
| | MW-6.3-111214D | MW-6.3-111214 | 12/14/2011 | | 6.7 |
| | MW-6.3-120320 | | 3/20/2012 | | 11 |
| | MW-6.3-120620 | | 6/20/2012 | | 11 |
| | MW-6.3-120620D | MW-6.3-120620 | 6/20/2012 | | 11 |
| | MW-6.3-120919 | | 9/19/2012 | | 7.8 |
| | MW-6.3-120919D | MW-6.3-120919 | 9/19/2012 | | 6.9 |
| | MW-6.3-121212 | | 12/12/2012 | | 7.4 |
| | MW-6.3-121212D | MW-6.3-121212 | 12/12/2012 | | 7.1 |
| | MW-6.3-130307 | | 3/7/2013 | | 5.2 |
| | MW-6.3-130307D | MW-6.3-130307 | 3/7/2013 | | 5.3 |
| | MW-6.3-130820 | | 8/20/2013 | | 7.1 |
| | MW-6.3-140918 | | 9/18/2014 | | 8.1 |

Table 3-1B: Planer #2 AOI (OU-D)

| | | | | Chemical Units | Arsenic µg/L |
|------------------------------|---------------------|---------------------|-------------|--------------------|-----------------|
| | | | | Remedial Goal (RG) | 2.5 |
| | | | | MCL | 10 |
| | Sample ID | Parent Sample ID | Sample Date | | |
| MW-6.3 (cont'd) | | | | | |
| | MW-6.3-030515 | | 3/5/2015 | | 18.5 |
| | MW-6.3-031016 | | 3/10/2016 | | 6.8 |
| | MW-6.3-091316 | | 9/13/2016 | | 7.9 |
| | MW-6.3-022217 | | 2/22/2017 | | 4.5 J |
| | MW-6.3-083017 | | 8/30/2017 | | 6.3 |
| | MW-6.3-030618 | | 3/6/2018 | | 5.9 |
| | MW-6.3-091218 | | 9/12/2018 | | 26 |
| | MW-6.3-022819 | | 2/28/2019 | | 8.7 |
| MW-6.4 - downgradient | | | | | |
| | MW-6.4-091208-D0.10 | | 12/8/2009 | | 4.2 |
| | MW-6.4-091208-D0.45 | | 12/8/2009 | | 4.1 |
| | MW-6.4-100318 | | 3/18/2010 | | < 1.0 |
| | MW-6.4-100616 | | 6/16/2010 | | 2.6 |
| | MW-6.4-100921 | | 9/21/2010 | | 1.4 |
| | MW-6.4-101214 | | 12/14/2010 | | 2.2 |
| | MW-6.4-110427 | | 4/27/2011 | | 2.6 |
| | MW-6.4-110712 | | 7/12/2011 | | 2.2 |
| | MW-6.4-110714 | | 7/14/2011 | | 2.1 |
| | MW-6.4-111006 | | 10/6/2011 | | 2.2 |
| | MW-6.4-111213 | | 12/13/2011 | | 2.5 |
| | MW-6.4-120320 | | 3/20/2012 | | 1.7 |
| | MW-6.4-120619 | | 6/19/2012 | | 1.3 |
| | MW-6.4-120918 | | 9/18/2012 | | 2.4 |
| | MW-6.4-121212 | | 12/12/2012 | | 2.6 |
| | MW-6.4-130307 | | 3/7/2013 | | 0.44 J |
| | MW-6.4-091318 | | 9/13/2018 | | 1.6 |
| MW-6.5 - geochemistry | | | | | |
| | MW-6.5-091208 | | 12/8/2009 | | 6.7 |
| | MW-6.5-100318 | | 3/18/2010 | | 10 |
| | MW-6.5-100616 | | 6/16/2010 | | 8.8 |
| | MW-6.5-100921 | | 9/21/2010 | | 11 |
| | MW-6.5-101214 | | 12/14/2010 | | 6.6 |
| | MW-6.5-091318 | | 9/13/2018 | | 21 |
| | MW-6.5-022819 | | 2/28/2019 | | 2.3 J |

Table 3-2: Sawmill/Sorter AOI (OU-D)

| | | | | Chemical Units | Arsenic µg/L |
|------------------------------|---------------------|------------------|-------------|--------------------|-----------------|
| | | | | Remedial Goal (RG) | 2.5 |
| | | | | MCL | 10 |
| | Sample ID | Parent Sample ID | Sample Date | | |
| MW-7.1 - geochemistry | | | | | |
| | MW-7.1-20040922 | | 9/22/2004 | | < 5 |
| | MW-7.1-20041208 | | 12/8/2004 | | < 5 |
| | MW-7.1-20050331 | | 3/31/2005 | | < 5 |
| | MW-7.1-20050512 | | 5/12/2005 | | < 2.1 |
| | MW-7.1-20050818 | | 8/18/2005 | | 1.1 |
| | MW-7.1-20051110 | | 11/10/2005 | | < 1 |
| | MW-7.1-20060309 | | 3/9/2006 | | 1.3 |
| | MW-7.1-20060309D | MW-7.1-20060309 | 3/9/2006 | | 2 |
| | MW-7.1-20060525 | | 5/25/2006 | | 2 |
| | MW-7.1-20060908 | | 9/8/2006 | | 1.8 |
| | MW-7.1-20061205 | | 12/5/2006 | | 2.3 |
| | MW-7.1-20070308 | | 3/8/2007 | | 3.3 |
| | MW-7.1-20070614 | | 6/14/2007 | | 0.95 J |
| | MW-7.1-20070906 | | 9/6/2007 | | 0.93 J |
| | MW-7.1-20071213 | | 12/13/2007 | | 4.0 |
| | MW-7.1-120622 | | 6/22/2012 | | 1.6 |
| | MW-7.1-091218 | | 9/12/2018 | | 4.0 |
| | MW-7.1-022719 | | 2/27/2019 | | 14 |
| | DUP-4-022719 | MW-7.1-022719 | 2/27/2019 | | 15 |
| | MW-7.1-090920 | | 9/9/2020 | | 42 |
| | MW-7.1-030221 | | 3/2/2021 | | 65 |
| MW-7.2 - upgradient | | | | | |
| | MW-7.2-091208-D0.45 | | 12/8/2009 | | 13 |
| | MW-7.2-100318 | | 3/18/2010 | | 17 |
| | MW-7.2-100616 | | 6/16/2010 | | 13 |
| | MW-7.2-100616D | MW-7.2-100616 | 6/16/2010 | | 13 |
| | MW-7.2-100923 | | 9/23/2010 | | 19 |
| | MW-7.2-101216 | | 12/16/2010 | | 9.2 |
| | MW-7.2-120622 | | 6/22/2012 | | 4.3 |
| | MW-7.2-091218 | | 9/12/2018 | | < 1.0 |
| | DUP-5-091218 | MW-7.2-091218 | 9/12/2018 | | < 1.0 |
| | MW-7.2-022719 | | 2/27/2019 | | < 5.0 |
| | MW-7.2-090920 | | 9/9/2020 | | < 2.0 |
| | MW-7.2-030221 | | 3/2/2021 | | < 2.0 |
| | GP-DUP-1-030221 | MW-7.2-030221 | 3/2/2021 | | 1.0 J |

Table 3-2: Sawmill/Sorter AOI (OU-D)

| | | | | Chemical Units | Arsenic µg/L |
|------------------------------|---------------------|------------------|-------------|--------------------|-----------------|
| | | | | Remedial Goal (RG) | 2.5 |
| | | | | MCL | 10 |
| | Sample ID | Parent Sample ID | Sample Date | | |
| MW-7.3 - geochemistry | | | | | |
| | MW-7.3-091211-D0.10 | | 12/11/2009 | | 1.3 |
| | MW-7.3-091211-D0.45 | | 12/11/2009 | | 1.4 |
| | MW-7.3-100318 | | 3/18/2010 | | 2.2 |
| | MW-7.3-100616 | | 6/16/2010 | | 1.3 |
| | MW-7.3-100923 | | 9/23/2010 | | 1.3 |
| | MW-7.3-101216 | | 12/16/2010 | | 1.5 |
| | MW-7.3-120622 | | 6/22/2012 | | 3.2 |
| | MW-7.3-091218 | | 9/12/2018 | | 33 |
| | MW-7.3-022619 | | 2/26/2019 | | 31 |
| | MW-7.3-090920 | | 9/9/2020 | | 48 |
| | MW-7.3-030221 | | 3/2/2021 | | 44 |
| | GP-DUP-2-030221 | MW-7.3-030221 | 3/2/2021 | | 45 |

Table 3-3: Greenhouse AOI (OU-D)

| | | | | Chemical Units | Atrazine µg/L |
|------------------------------|----------------|---------------------|-------------|--------------------|------------------|
| | | | | Remedial Goal (RG) | 0.15 |
| | | | | MCL | 3 |
| | Sample ID | Parent Sample ID | Sample Date | | |
| MW-9.1 - downgradient | | | | | |
| | MW-9.1-091818 | | 9/18/2018 | | < 0.50 |
| | MW-9.1-022619 | | 2/26/2019 | | < 0.50 |
| MW-9.2 - source | | | | | |
| | MW-9.2-091030 | | 10/30/2009 | | 6.8 |
| | MW-9.2-091214 | | 12/14/2009 | | 4.1 |
| | MW-9.2-100317 | | 3/17/2010 | | 1.6 |
| | MW-9.2-100616 | | 6/16/2010 | | 3.1 |
| | MW-9.2-100616D | MW-9.2-100616 | 6/16/2010 | | 2.9 |
| | MW-9.2-100922 | | 9/22/2010 | | 2.8 J |
| | MW-9.2-100922D | MW-9.2-100922 | 9/22/2010 | | 1.6 J |
| | MW-9.2-101216 | | 12/16/2010 | | 2.0 |
| | MW-9.2-110426 | | 4/26/2011 | | 1.8 |
| | MW-9.2-111007 | | 10/7/2011 | | 2.3 |
| | MW-9.2-120322 | | 3/22/2012 | | 1.8 J |
| | MW-9.2-120622 | | 6/22/2012 | | 1.5 |
| | MW-9.2-120918 | | 9/18/2012 | | 2.0 J |
| | MW-9.2-120918D | MW-9.2-120918 | 9/18/2012 | | 1.4 J |
| | MW-9.2-130306 | | 3/6/2013 | | 1.5 |
| | MW-9.2-130820 | | 8/20/2013 | | 1.6 |
| | MW-9.2-140916 | | 9/16/2014 | | 0.93 |
| | MW-9.2-150901 | | 9/1/2015 | | 1.1 J |
| | MW-9.2-030816 | | 3/8/2016 | | < 0.5 |
| | MW-9.2-091316 | | 9/13/2016 | | 0.92 |
| | MW-9.2-022217 | | 2/22/2017 | | 0.76 |
| | MW-9.2-030718 | | 3/7/2018 | | 0.66 |
| | MW-9.2-022619 | | 2/26/2019 | | 0.52 |
| | MW-9.2-090920 | | 9/9/2020 | | 0.85 |
| | MW-9.2-030221 | | 3/2/2021 | | < 0.05 |

Table 3-4A: Lowland (OU-E)

| | | | Chemical Units | Barium µg/L |
|------------------------------|---------------------|------------------|--------------------|----------------|
| | | | Remedial Goal (RG) | 1000 |
| | | | MCL | 1000 |
| | Sample ID | Parent Sample ID | Sample Date | |
| MW-4.1 - geochemistry | | | | |
| | MW-4.1-20040923 | | 9/23/2004 | 3300 |
| | MW-4.1-20041208 | | 12/8/2004 | 9600 |
| | MW-4.1-20050330 | | 3/30/2005 | 3400 |
| | MW-4.1-20050512 | | 5/12/2005 | 3100 |
| | MW-4.1-20050818 | | 8/18/2005 | 4200 |
| | MW-4.1-20051110 | | 11/10/2005 | 4400 |
| | MW-4.1-20051110D | MW-4.1-20051110 | 11/10/2005 | 4400 |
| | MW-4.1-20060307 | | 3/7/2006 | 2400 |
| | MW-4.1-20060522 | | 5/22/2006 | 3300 |
| | MW-4.1-20060906 | | 9/6/2006 | 4100 J |
| | MW-4.1-20061205 | | 12/5/2006 | 3100 |
| | MW-4.1-20070306 | | 3/6/2007 | 1900 |
| | MW-4.1-20070613 | | 6/13/2007 | 2000 |
| | MW-4.1-20070905 | | 9/5/2007 | 4000 |
| | MW-4.1-20071211 | | 12/11/2007 | 2700 |
| | MW-4.1-080326 | | 3/26/2008 | 1600 |
| | MW-4.1-080923 | | 9/23/2008 | 3800 |
| | MW-4.1-090305 | | 3/5/2009 | 1400 J |
| | MW-4.1-090917 | | 9/17/2009 | 4400 |
| | MW-4.1-091209-D0.10 | | 12/9/2009 | 1700 J |
| | MW-4.1-091209-D0.45 | | 12/9/2009 | 1900 J |
| | MW-4.1-100317 | | 3/17/2010 | 1400 |
| | MW-4.1-100317D | MW-4.1-100317 | 3/17/2010 | 1400 |
| | MW-4.1-100922 | | 9/22/2010 | 770 |
| | MW-4.1-110427 | | 4/27/2011 | 1300 |
| | MW-4.1-111006 | | 10/6/2011 | 1900 |
| | MW-4.1-120322 | | 3/22/2012 | 1100 |
| | MW-4.1-120919 | | 9/19/2012 | 1700 |
| | MW-4.1-130306 | | 3/6/2013 | 1600 |
| | MW-4.1-130820 | | 8/20/2013 | 1580 |
| | MW-4.1-140305 | | 3/5/2014 | 1120 |
| | MW-4.1-030115 | | 3/3/2015 | 1230 |
| | MW-4.1-030816 | | 3/8/2016 | 1100 |
| | MW-4.1-022317 | | 2/23/2017 | 970 |
| | MW-4.1-030618 | | 3/6/2018 | 880 |
| | MW-4.1-022719 | | 2/27/2019 | 880 |

Table 3-4B: Lowland (OU-E)

| | | | | Chemical Units | Arsenic µg/L |
|------------------------------|---------------------|------------------|-------------|--------------------|-----------------|
| | | | | Remedial Goal (RG) | 2.5 |
| | | | | MCL | 10 |
| | Sample ID | Parent Sample ID | Sample Date | | |
| MW-5.7 - geochemistry | | | | | |
| | MW-5.7-20040923 | | 9/23/2004 | | 23 |
| | MW-5.7-20041209 | | 12/9/2004 | | 12 |
| | MW-5.7-20050330 | | 3/30/2005 | | 19 |
| | MW-5.7-20050511 | | 5/11/2005 | | 14 |
| | MW-5.7-20050817 | | 8/17/2005 | | 14 |
| | MW-5.7-20051109 | | 11/9/2005 | | 16 |
| | MW-5.7-20060307 | | 3/7/2006 | | 15 |
| | MW-5.7-20060522 | | 5/22/2006 | | 12 |
| | MW-5.7-20060906 | | 9/6/2006 | | 15 |
| | MW-5.7-20061205 | | 12/5/2006 | | 15 |
| | MW-5.7-20070306 | | 3/6/2007 | | 20 |
| | MW-5.7-20070613 | | 6/13/2007 | | 16 |
| | MW-5.7-20070905 | | 9/5/2007 | | 15 |
| | MW-5.7-20071212 | | 12/12/2007 | | 22 |
| | MW-5.7-080325 | | 3/25/2008 | | 18 |
| | MW-5.7-080604 | | 6/4/2008 | | 13 |
| | MW-5.7-080924 | | 9/24/2008 | | 16 |
| | MW-5.7-081212 | | 12/12/2008 | | 19 |
| | MW-5.7-090305 | | 3/5/2009 | | 21 |
| | MW-5.7-090610 | | 6/10/2009 | | 20 |
| | MW-5.7-090916 | | 9/16/2009 | | 23 |
| | MW-5.7-091208-D0.10 | | 12/8/2009 | | 24 J |
| | MW-5.7-091208-D0.45 | | 12/8/2009 | | 24 |
| | MW-5.7-100319 | | 3/19/2010 | | 16 |
| | MW-5.7-100616 | | 6/16/2010 | | 18 |
| | MW-5.7-100923 | | 9/23/2010 | | 21 |
| | MW-5.7-100923D | MW-5.7-100923 | 9/23/2010 | | 19 |
| | MW-5.7-101214 | | 12/14/2010 | | 1.9 |
| | MW-5.7-091218 | | 9/12/2018 | | 20 |
| | MW-5.7-022719 | | 2/27/2019 | | 8.1 |

Table 3-5: IRM and West of IRM AOIs (OU-E)

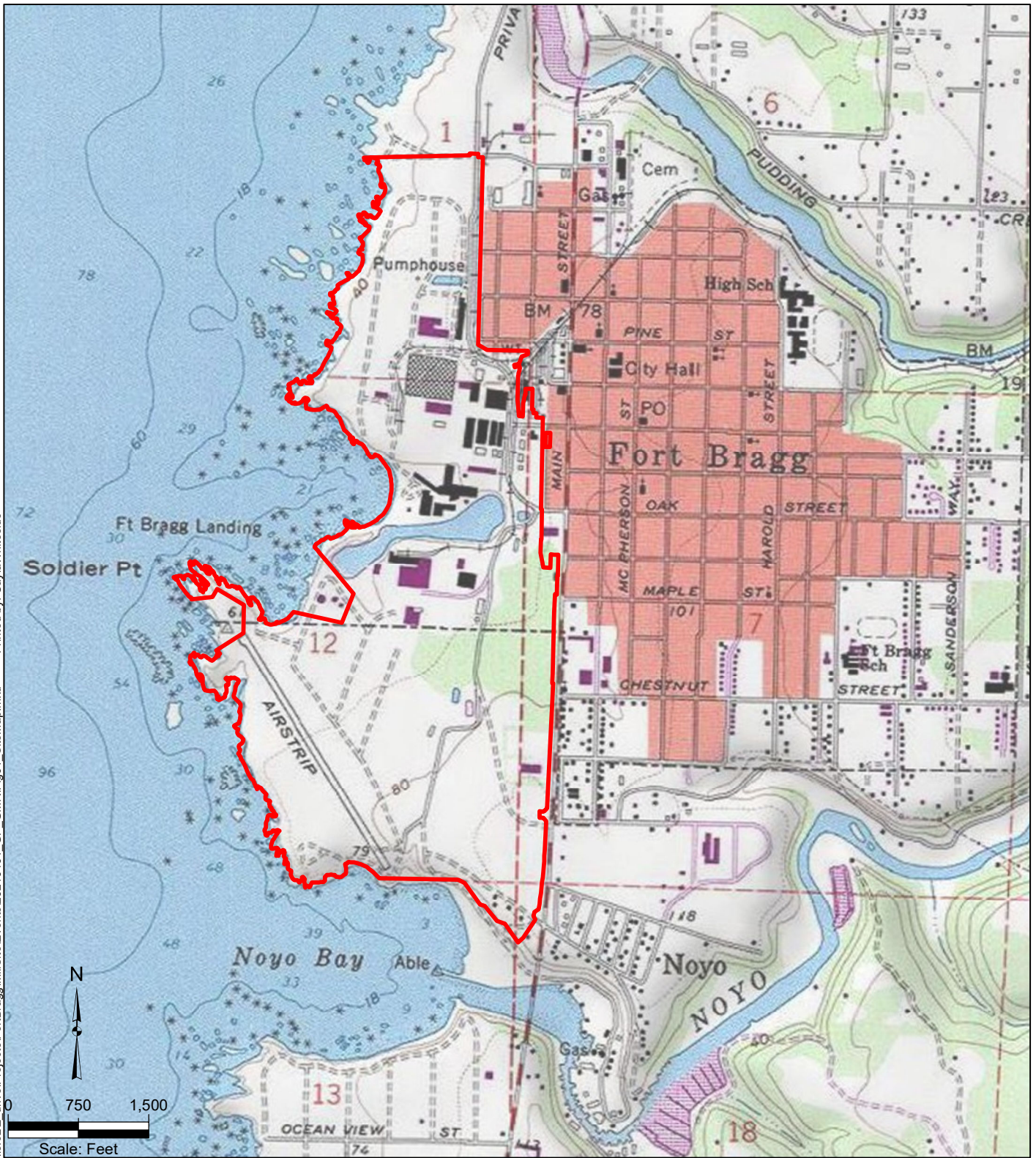
| | | | | Chemical Units | Total Diesel µg/L | Total Gasoline µg/L |
|-------------------------------|--------------------|------------------|-------------|--------------------|----------------------|------------------------|
| | | | | Remedial Goal (RG) | 100 | 50 |
| | Sample ID | Parent Sample ID | Sample Date | | | |
| MW-5.5 - source | | | | | | |
| | MW-5.5-20040129 | | 1/29/2004 | | < 50 | < 50 |
| | MW-5.5-20040625 | | 6/25/2004 | | < 50 | < 50 |
| | MW-5.5-20040922 | | 9/22/2004 | | 610 H | < 50 |
| | MW-5.5-20041209 | | 12/9/2004 | | 370 HY | < 50 |
| | MW-5.5-20050329 | | 3/29/2005 | | < 50 | < 50 |
| | MW-5.5-20050511 | | 5/11/2005 | | < 21 | < 50 |
| | MW-5.5-20050511D | MW-5.5-20050511 | 5/11/2005 | | < 21 | < 50 |
| | MW-5.5-20050817 | | 8/17/2005 | | < 16 | < 50 |
| | MW-5.5-20051109 | | 11/9/2005 | | ND | 22.7 |
| | MW-5.5-20060308 | | 3/8/2006 | | 62 | ND |
| | MW-5.5-20060523 | | 5/23/2006 | | ND | ND |
| | MW-5.5-20060907 | | 9/7/2006 | | ND | ND |
| | MW-5.5-20061207 | | 12/7/2006 | | ND | ND |
| | MW-5.5-20070308 | | 3/8/2007 | | 16 | ND |
| | MW-5.5-20070613 | | 6/13/2007 | | ND | ND |
| | MW-5.5-20070905-RE | | 9/5/2007 | | ND | -- |
| | MW-5.5-20071212 | | 12/12/2007 | | 33 | ND |
| MW-5.20 - downgradient | | | | | | |
| | MW-5.20-091211 | | 12/11/2009 | | 1108 | 45.2 |
| | MW-5.20-100318 | | 3/18/2010 | | 1660 | 69 |
| | MW-5.20-100616 | | 6/16/2010 | | 1260 | 68 |
| | MW-5.20-100921 | | 9/21/2010 | | 324 | ND B |
| | MW-5.20-101217 | | 12/17/2010 | | 339 | ND B |
| | MW-5.20-101217D | MW-5.20-101217 | 12/17/2010 | | 299 | ND B |
| | MW-5.20-110426 | | 4/26/2011 | | 1300 | 200 |
| | MW-5.20-111005 | | 10/5/2011 | | 350 | 25 J |
| | MW-5.20-120320 | | 3/20/2012 | | 260 | ND |
| | MW-5.20-120919 | | 9/19/2012 | | 280 | ND |
| | MW-5.20-130306 | | 3/6/2013 | | < 330 B | 45.5 J |
| | MW-5.20-130820 | | 8/20/2013 | | 1100 | ND |
| | MW-5.20-140305 | | 3/5/2014 | | < 330 B | 58.9 |
| | MW-5.20-140916 | | 9/16/2014 | | 380 | ND |
| | MW-5.20-030515 | | 3/4/2015 | | 910 | ND |
| | MW-5.20-150901 | | 9/1/2015 | | 180 | 39 J |
| | MW-5.20-120715 | | 12/7/2015 | | 55 | -- |
| | DUP-1-120715 | MW-5.20-120715 | 12/7/2015 | | 63 | -- |
| | MW-5.20-030816 | | 3/8/2016 | | 110 | < 50 |
| | MW-5.20-053116 | | 5/31/2016 | | 180 | -- |

Table 3-5: IRM and West of IRM AOIs (OU-E)

| | | | | Chemical Units | Total Diesel µg/L | Total Gasoline µg/L |
|-------------------------|----------------|------------------|-------------|--------------------|----------------------|------------------------|
| | | | | Remedial Goal (RG) | 100 | 50 |
| | Sample ID | Parent Sample ID | Sample Date | | | |
| MW-5.20 (cont'd) | | | | | | |
| | DUP-1-053116 | MW-5.20-053116 | 5/31/2016 | | 170 | -- |
| | MW-5.20-091316 | | 9/13/2016 | | 180 | 29 J |
| | MW-5.20-022317 | | 2/23/2017 | | 33 J | < 50 |
| | MW-5.20-083017 | | 8/30/2017 | | 84 | 43 J |
| | MW-5.20-030718 | | 3/7/2018 | | < 52 | < 50 |
| | MW-5.20-091318 | | 9/13/2018 | | 73 | 27 J |
| | MW-5.20-022719 | | 2/27/2019 | | < 47 | < 50 |
| | MW-5.20-091020 | | 9/10/2020 | | 160 J | < 50 |
| | MW-5.20-030121 | | 3/1/2021 | | 32 U | < 50 |

Figures

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Legend

 Site Boundary

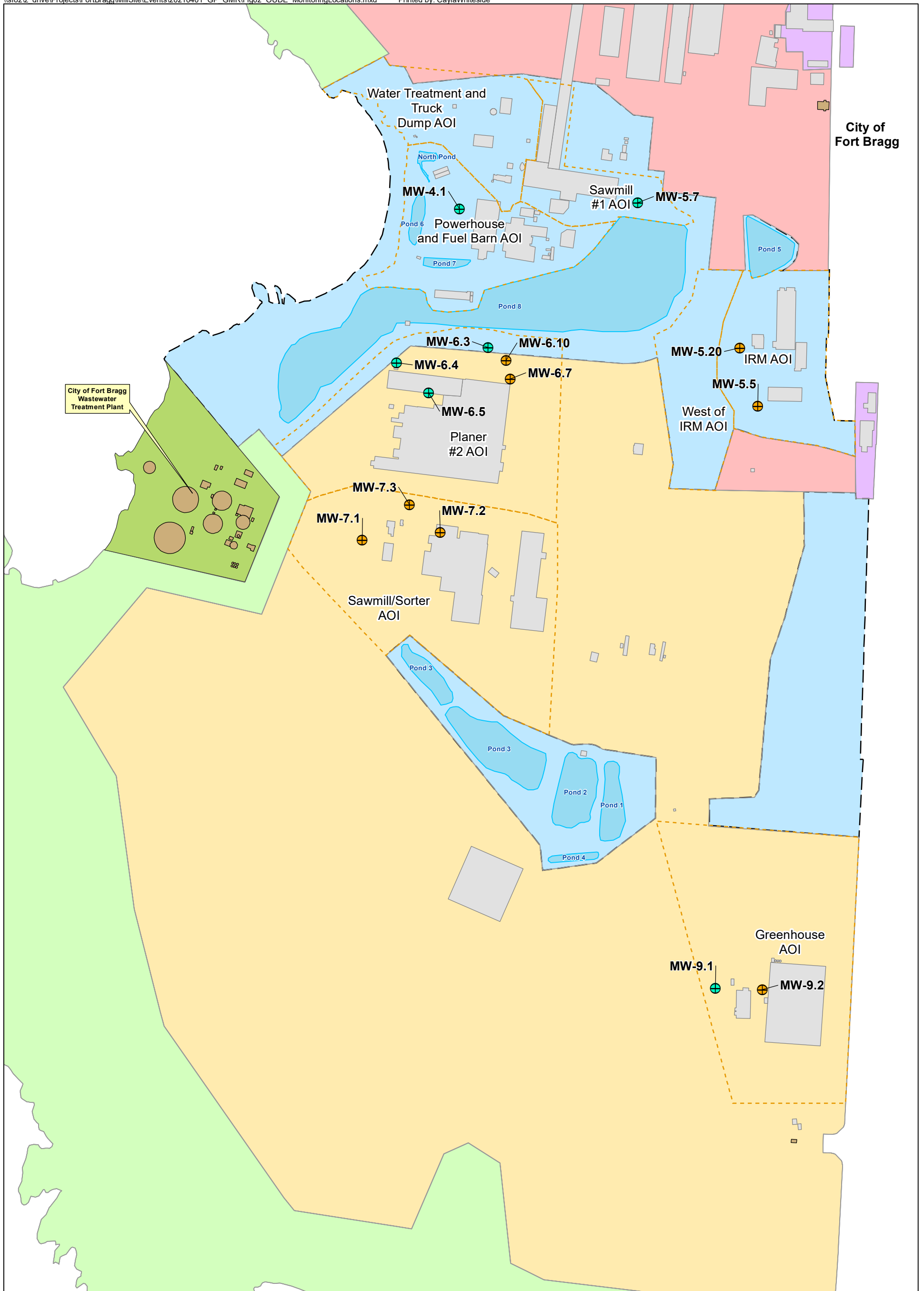
Kennedy/Jenks Consultants

Former Georgia-Pacific Wood Products Facility
Fort Bragg, California

Site Location Map

1665018*20

Figure 1



Legend

- Area of Interest (AOI)
- Property Owned by Others
- Structure
- Former Structure
- Pond

- Operable Units
- Coastal Trail/Park Acquisition (OU-A)
 - "Offsite" Non-Industrial (OU-B)
 - Northern (OU-C)
 - Southern (OU-D)
 - Ponds/Park (OU-E)

- ⊕ Monitoring Network (Year 3 and 5)
 - ⊕ Monitoring Network (Year 5 only)
- 0 250 500
Scale: Feet



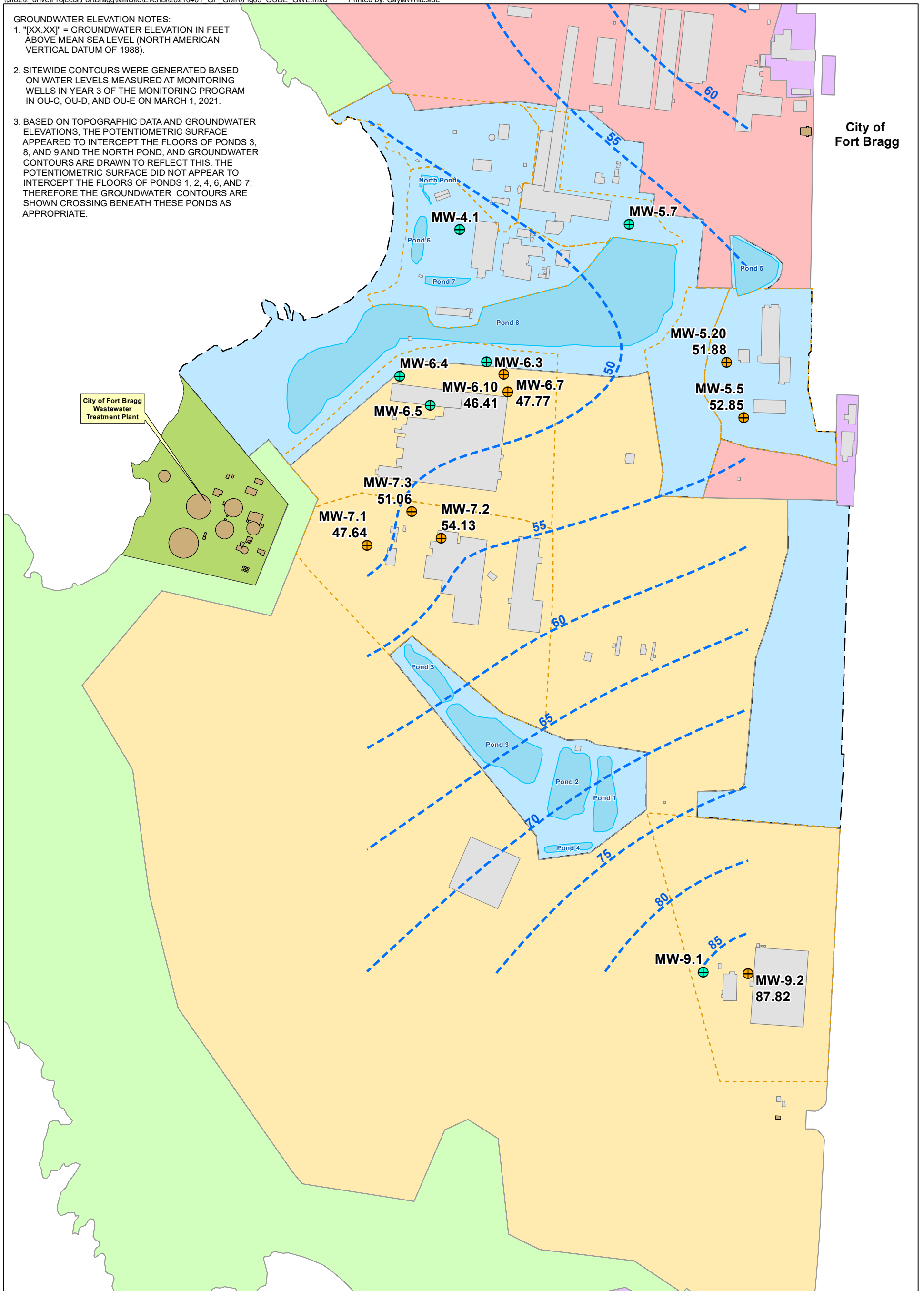
Kennedy/Jenks Consultants

Former Georgia-Pacific Wood Products Facility
Fort Bragg, California

Monitoring Locations

GROUNDWATER ELEVATION NOTES:

1. "[XX.XX]" = GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (NORTH AMERICAN VERTICAL DATUM OF 1988).
2. SITEWIDE CONTOURS WERE GENERATED BASED ON WATER LEVELS MEASURED AT MONITORING WELLS IN YEAR 3 OF THE MONITORING PROGRAM IN OU-C, OU-D, AND OU-E ON MARCH 1, 2021.
3. BASED ON TOPOGRAPHIC DATA AND GROUNDWATER ELEVATIONS, THE POTENTIOMETRIC SURFACE APPEARED TO INTERCEPT THE FLOORS OF PONDS 3, 8, AND 9 AND THE NORTH POND, AND GROUNDWATER CONTOURS ARE DRAWN TO REFLECT THIS. THE POTENTIOMETRIC SURFACE DID NOT APPEAR TO INTERCEPT THE FLOORS OF PONDS 1, 2, 4, 6, AND 7; THEREFORE THE GROUNDWATER CONTOURS ARE SHOWN CROSSING BENEATH THESE PONDS AS APPROPRIATE.



Legend

- | | |
|--------------------------|---------------------------------------|
| Area of Interest (AOI) | Operable Units |
| Property Owned by Others | Coastal Trail/Park Acquisition (OU-A) |
| Structure | "Offsite" Non-Industrial (OU-B) |
| Former Structure | Northern (OU-C) |
| Pond | Southern (OU-D) |
| | Ponds/Park (OU-E) |

| | |
|-----------------------------------|---------------------------------------|
| Monitoring Network (Year 3 and 5) | N 0 175 350 Scale: Feet |
| Monitoring Network (Year 5 only) | |

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Former Georgia-Pacific Wood Products Facility
Fort Bragg, California

**Groundwater Contour Map
First Quarter 2021**

Appendices

Appendix A

Monitoring Well Construction Details and Total Depth Measurements

Appendix A: Monitoring Well Construction Details and Total Depth Measurements

| Well ID | Top of Casing (ft NAVD88) | Ground Surface Elevation (ft NAVD88) | Total Constructed Depth (ft bgs) | Total Constructed Depth (ft toc) ^(a) | Total Measured Depth ^(b) (ft toc) | Constructed Screen Top (ft bgs) | Constructed Screen Bottom (ft bgs) | Screen Length (ft) |
|---------|------------------------------|--|---|--|---|---------------------------------------|--|-----------------------|
| MW-4.1 | 22.46 | 19.75 | 28 | 30.71 | 32.19 | 2 | 28 | 26 |
| MW-5.5 | 57.14 | 57.35 | 30 | 29.79 | -- | 5 | 30 | 25 |
| MW-5.7 | 44.35 | 44.8 | 35 | 34.55 | 34.96 | 5 | 35 | 30 |
| MW-5.20 | 59.01 | 55.75 | 15 | 18.26 | 17.81 | 5 | 15 | 10 |
| MW-6.3 | 49.71 | 50.09 | 16 | 15.62 | 15.62 | 6 | 16 | 10 |
| MW-6.4 | 54.28 | 50.94 | 15 | - | - | 5 | 15 | 10 |
| MW-6.5 | 56.11 | 53.17 | 15 | 17.94 | 16.05 | 5 | 15 | 10 |
| MW-6.7 | 49.78 | 50.15 | 8.5 | 8.13 | 8.22 | 4.5 | 8.5 | 4 |
| MW-6.10 | 50.45 | 50.78 | 9.5 | 9.17 | 9 | 4.5 | 9.5 | 5 |
| MW-7.1 | 53.5 | 53.84 | 15 | 14.66 | 14.46 | 5 | 15 | 10 |
| MW-7.2 | 60.73 | 60.74 | 15 | 14.99 | 13.71 | 5 | 15 | 10 |
| MW-7.3 | 55.78 | 55.74 | 15 | 15.04 | 14.15 | 5 | 15 | 10 |
| MW-9.1 | 96.55 | 93.64 | 19.5 | 22.41 | -- | 9 | 19 | 10 |
| MW-9.2 | 96.55 | 96.67 | 17 | 16.88 | 16.82 | 7 | 17 | 10 |

Notes:

ft foot or feet
 NAVD88 North American Vertical Datum of 1988
 bgs below ground surface
 toc (relative to) top of casing

(a) Calculated by subtracting the difference of the ground surface elevation and the well toc elevation from the total construction depth (ft bgs); for wells where the ground surface elevation is not available, the total depth from the toc is assumed to be equal to the total constructed depth in ft bgs.

(b) For wells not sampled in the current event, total-depth measurements were collected at the same time as DTW measurements; for wells sampled during the current quarter, total-depth measurements were collected after sampling to avoid sediment suspension; refer to groundwater sampling forms presented in Appendix C for exact dates.

Appendix B

Historical Groundwater Elevations and
Liquid-Phase Hydrocarbon Thickness

Appendix B: Groundwater Elevations and Liquid-Phase-Hydrocarbon Thicknesses

| Well ID | Measurement Date | Reference Elevation (feet NAVD88) ^(a) | Depth To Water (feet toc) | Water Elevation (feet NAVD88) ^(b) | Depth To Product (feet btoc) | Product Thickness (feet) |
|-------------------------------------|------------------|--|---------------------------|--|------------------------------|--------------------------|
| Groundwater Monitoring Wells | | | | | | |
| MW-4.1 | 01/28/04 | 22.91 | 3.96 | 18.95 | ND | 0.00 |
| MW-4.1 | 06/23/04 | 22.91 | 6.15 | 16.76 | ND | 0.00 |
| MW-4.1 | 09/22/04 | 22.91 | 7.31 | 15.60 | ND | 0.00 |
| MW-4.1 | 12/07/04 | 22.91 | 4.95 | 17.96 | ND | 0.00 |
| MW-4.1 | 03/28/05 | 22.91 | 3.78 | 19.13 | ND | 0.00 |
| MW-4.1 | 05/09/05 | 22.91 | 3.91 | 19.00 | ND | 0.00 |
| MW-4.1 | 08/15/05 | 22.91 | 5.17 | 17.74 | ND | 0.00 |
| MW-4.1 | 11/07/05 | 22.91 | 4.40 | 18.51 | ND | 0.00 |
| MW-4.1 | 03/06/06 | 22.44 | 3.77 | 18.67 | ND | 0.00 |
| MW-4.1 | 05/22/06 | 22.44 | 4.46 | 17.98 | ND | 0.00 |
| MW-4.1 | 09/05/06 | 22.44 | 4.67 | 17.77 | ND | 0.00 |
| MW-4.1 | 12/04/06 | 22.44 | 3.69 | 18.75 | NM | NM |
| MW-4.1 | 03/05/07 | 22.44 | 3.37 | 19.07 | NM | NM |
| MW-4.1 | 06/11/07 | 22.44 | 4.08 | 18.36 | NM | NM |
| MW-4.1 | 09/04/07 | 22.46 | 4.15 | 18.31 | NM | NM |
| MW-4.1 | 12/10/07 | 22.46 | 3.30 | 19.16 | NM | NM |
| MW-4.1 | 03/24/08 | 22.46 | 3.60 | 18.86 | NM | NM |
| MW-4.1 | 06/02/08 | 22.46 | 4.06 | 18.40 | NM | NM |
| MW-4.1 | 09/22/08 | 22.46 | 4.60 | 17.86 | ND | 0.00 |
| MW-4.1 | 12/09/08 | 22.46 | 3.90 | 18.56 | ND | 0.00 |
| MW-4.1 | 03/03/09 | 22.46 | 3.13 | 19.33 | ND | 0.00 |
| MW-4.1 | 06/08/09 | 22.46 | 4.06 | 18.40 | ND | 0.00 |
| MW-4.1 | 09/14/09 | 22.46 | 4.60 | 17.86 | ND | 0.00 |
| MW-4.1 | 12/07/09 | 22.46 | 3.46 | 19.00 | ND | 0.00 |
| MW-4.1 | 03/15/10 | 22.46 | 3.15 | 19.31 | ND | 0.00 |
| MW-4.1 | 06/14/10 | 22.46 | 3.81 | 18.65 | ND | 0.00 |
| MW-4.1 | 09/20/10 | 22.46 | 4.31 | 18.15 | ND | 0.00 |
| MW-4.1 | 12/13/10 | 22.46 | 3.07 | 19.39 | ND | 0.00 |
| MW-4.1 | 04/26/11 | 22.46 | 3.42 | 19.04 | ND | 0.00 |
| MW-4.1 | 07/11/11 | 22.46 | 4.07 | 18.39 | ND | 0.00 |
| MW-4.1 | 10/03/11 | 22.46 | 3.85 | 18.61 | ND | 0.00 |
| MW-4.1 | 12/12/11 | 22.46 | 3.39 | 19.07 | ND | 0.00 |
| MW-4.1 | 03/19/12 | 22.46 | 3.21 | 19.25 | ND | 0.00 |
| MW-4.1 | 06/18/12 | 22.46 | 4.14 | 18.32 | ND | 0.00 |
| MW-4.1 | 09/17/12 | 22.46 | 4.32 | 18.14 | ND | 0.00 |
| MW-4.1 | 12/10/12 | 22.46 | 3.10 | 19.36 | ND | 0.00 |
| MW-4.1 | 03/04/13 | 22.46 | 3.53 | 18.93 | ND | 0.00 |
| MW-4.1 | 08/19/13 | 22.46 | 4.45 | 18.01 | ND | 0.00 |
| MW-4.1 | 03/03/14 | 22.46 | 2.93 | 19.53 | ND | 0.00 |
| MW-4.1 | 09/15/14 | 22.46 | 4.90 | 17.56 | ND | 0.00 |
| MW-4.1 | 03/02/15 | 22.46 | 3.05 | 19.41 | ND | 0.00 |
| MW-4.1 | 08/31/15 | 22.46 | 4.80 | 17.66 | ND | 0.00 |
| MW-4.1 | 03/07/16 | 22.46 | 2.94 | 19.52 | ND | 0.00 |
| MW-4.1 | 09/12/16 | 22.46 | 4.70 | 17.76 | ND | 0.00 |
| MW-4.1 | 02/21/17 | 22.46 | 2.89 | 19.57 | ND | 0.00 |
| MW-4.1 | 8/29/2017 | 22.46 | 4.66 | 17.80 | ND | 0.00 |
| MW-4.1 | 3/5/2018 | 22.46 | 3.06 | 19.40 | ND | 0.00 |
| MW-4.1 | 9/10/2018 | 22.46 | 4.64 | 17.82 | ND | 0.00 |
| MW-4.1 | 2/25/2019 | 22.46 | 2.84 | 19.62 | ND | 0.00 |
| MW-5.5 | 01/29/04 | 57.56 | 8.33 | 49.23 | ND | 0.00 |
| MW-5.5 | 06/25/04 | 57.56 | 9.80 | 47.76 | ND | 0.00 |
| MW-5.5 | 09/22/04 | 57.56 | 10.95 | 46.61 | ND | 0.00 |
| MW-5.5 | 12/07/04 | 57.56 | 10.49 | 47.07 | ND | 0.00 |
| MW-5.5 | 03/28/05 | 57.56 | 8.04 | 49.52 | ND | 0.00 |
| MW-5.5 | 05/09/05 | 57.56 | 7.78 | 49.78 | ND | 0.00 |
| MW-5.5 | 08/15/05 | 57.56 | 5.49 | 52.07 | ND | 0.00 |
| MW-5.5 | 11/07/05 | 57.56 | 8.42 | 49.14 | ND | 0.00 |
| MW-5.5 | 03/06/06 | 57.05 | 5.99 | 51.06 | ND | 0.00 |
| MW-5.5 | 05/22/06 | 57.05 | 6.74 | 50.31 | ND | 0.00 |
| MW-5.5 | 09/05/06 | 57.05 | 8.66 | 48.39 | ND | 0.00 |
| MW-5.5 | 12/04/06 | 57.05 | 7.95 | 49.10 | ND | 0.00 |
| MW-5.5 | 03/05/07 | 57.05 | 6.43 | 50.62 | NM | NM |
| MW-5.5 | 06/11/07 | 57.05 | 7.30 | 49.75 | NM | NM |
| MW-5.5 | 09/04/07 | 57.14 | 8.17 | 48.97 | NM | NM |
| MW-5.5 | 12/10/07 | 57.14 | 6.74 | 50.40 | NM | NM |
| MW-5.5 | 03/24/08 | 57.14 | 6.21 | 50.93 | NM | NM |
| MW-5.5 | 06/02/08 | 57.14 | 7.35 | 49.79 | NM | NM |
| MW-5.5 | 09/22/08 | 57.14 | 8.93 | 48.21 | ND | 0.00 |
| MW-5.5 | 12/09/08 | 57.14 | 8.50 | 48.64 | ND | 0.00 |
| MW-5.5 | 03/03/09 | 57.14 | 5.72 | 51.42 | ND | 0.00 |
| MW-5.5 | 06/08/09 | 57.14 | 7.83 | 49.31 | ND | 0.00 |
| MW-5.5 | 09/14/09 | 57.14 | 9.21 | 47.93 | ND | 0.00 |
| MW-5.5 | 12/07/09 | 57.14 | 7.98 | 49.16 | ND | 0.00 |
| MW-5.5 | 03/15/10 | 57.14 | 5.75 | 51.39 | ND | 0.00 |
| MW-5.5 | 06/14/10 | 57.14 | 6.02 | 51.12 | ND | 0.00 |
| MW-5.5 | 09/20/10 | 57.14 | 7.65 | 49.49 | ND | 0.00 |
| MW-5.5 | 12/13/10 | 57.14 | 5.45 | 51.69 | ND | 0.00 |
| MW-5.5 | 04/26/11 | 57.14 | 5.42 | 51.72 | ND | 0.00 |

Appendix B: Groundwater Elevations and Liquid-Phase-Hydrocarbon Thicknesses

| Well ID | Measurement Date | Reference Elevation (feet NAVD88) ^(a) | Depth To Water (feet toc) | Water Elevation (feet NAVD88) ^(b) | Depth To Product (feet btoc) | Product Thickness (feet) |
|---------|------------------|--|---------------------------|--|------------------------------|--------------------------|
| MW-5.5 | 07/11/11 | 57.14 | 6.34 | 50.80 | ND | 0.00 |
| MW-5.5 | 03/19/12 | 57.14 | 4.74 | 52.42 | 4.71 | 0.03 |
| MW-5.5 | 06/18/12 | 57.14 | 6.54 | 52.08 | 6.49 | 0.05 |
| MW-5.5 | 09/17/12 | 57.14 | 7.68 | 50.42 | 7.60 | 0.08 |
| MW-5.5 | 12/10/12 | 57.14 | 5.10 | 52.10 | 5.03 | 0.07 |
| MW-5.5 | 03/04/13 | 57.14 | 6.21 | 50.98 | 6.15 | 0.06 |
| MW-5.5 | 08/19/13 | 57.14 | 4.89 | 52.31 | 4.82 | 0.07 |
| MW-5.5 | 03/03/14 | 57.14 | 5.40 | 51.85 | 5.26 | 0.14 |
| MW-5.5 | 09/15/14 | 57.14 | 7.91 | 49.31 | 7.81 | 0.10 |
| MW-5.5 | 03/02/15 | 57.14 | 5.28 | 52.01 | 5.09 | 0.19 |
| MW-5.5 | 08/31/15 | 57.14 | 7.80 | 49.34 | 7.71 | 0.00 |
| MW-5.5 | 03/07/16 | 57.14 | 3.53 | 53.61 | 3.31 | 0.00 |
| MW-5.5 | 09/12/16 | 57.14 | 7.32 | 49.82 | 7.28 | 0.00 |
| MW-5.5 | 2/21/2017 | 57.14 | 3.10 | 54.06 | 3.08 | 0.02 |
| MW-5.5 | 8/29/2017 | 57.14 | 7.34 | 49.85 | 7.28 | 0.06 |
| MW-5.5 | 3/5/2018 | 57.14 | 4.25 | 52.91 | 4.23 | 0.02 |
| MW-5.5 | 09/10/18 | 57.14 | 7.85 | 49.70 | 7.34 | 0.51 |
| MW-5.5 | 2/25/2019 | 57.14 | 7.26 | 49.88 | 6.86 | 0.40 |
| MW-5.5 | 9/9/2020 | 57.14 | 7.32 | 49.93 | 7.34 | 0.14 |
| MW-5.5 | 3/1/2021 | 57.14 | 4.29 | 52.85 | 4.25 | 0.04 |
| MW-5.7 | 01/29/04 | 44.83 | 4.89 | 39.94 | ND | 0.00 |
| MW-5.7 | 06/24/04 | 44.83 | 5.71 | 39.12 | ND | 0.00 |
| MW-5.7 | 09/22/04 | 44.83 | 6.10 | 38.73 | ND | 0.00 |
| MW-5.7 | 12/07/04 | 44.83 | 5.10 | 39.73 | ND | 0.00 |
| MW-5.7 | 03/28/05 | 44.83 | 4.33 | 40.50 | ND | 0.00 |
| MW-5.7 | 05/09/05 | 44.83 | 4.52 | 40.31 | ND | 0.00 |
| MW-5.7 | 08/15/05 | 44.83 | 5.18 | 39.65 | ND | 0.00 |
| MW-5.7 | 11/07/05 | 44.83 | 4.45 | 40.38 | ND | 0.00 |
| MW-5.7 | 03/06/06 | 44.28 | 3.89 | 40.39 | ND | 0.00 |
| MW-5.7 | 05/22/06 | 44.28 | 4.93 | 39.35 | ND | 0.00 |
| MW-5.7 | 09/05/06 | 44.28 | 5.24 | 39.04 | ND | 0.00 |
| MW-5.7 | 12/04/06 | 44.28 | 5.00 | 39.28 | NM | NM |
| MW-5.7 | 03/05/07 | 44.28 | 4.73 | 39.55 | NM | NM |
| MW-5.7 | 06/11/07 | 44.28 | 4.48 | 39.80 | NM | NM |
| MW-5.7 | 09/04/07 | 44.35 | 5.20 | 39.15 | NM | NM |
| MW-5.7 | 12/10/07 | 44.35 | 4.68 | 39.67 | NM | NM |
| MW-5.7 | 03/24/08 | 44.35 | 4.80 | 39.55 | NM | NM |
| MW-5.7 | 06/02/08 | 44.35 | 5.09 | 39.26 | NM | NM |
| MW-5.7 | 09/22/08 | 44.35 | 5.13 | 39.22 | ND | 0.00 |
| MW-5.7 | 12/09/08 | 44.35 | 5.01 | 39.34 | ND | 0.00 |
| MW-5.7 | 03/03/09 | 44.35 | 4.32 | 40.03 | ND | 0.00 |
| MW-5.7 | 06/08/09 | 44.35 | 4.79 | 39.56 | ND | 0.00 |
| MW-5.7 | 09/14/09 | 44.35 | 4.86 | 39.49 | ND | 0.00 |
| MW-5.7 | 12/07/09 | 44.35 | 4.88 | 39.47 | ND | 0.00 |
| MW-5.7 | 03/15/10 | 44.35 | 4.20 | 40.15 | ND | 0.00 |
| MW-5.7 | 06/14/10 | 44.35 | 4.62 | 39.73 | ND | 0.00 |
| MW-5.7 | 09/20/10 | 44.35 | 4.63 | 39.72 | ND | 0.00 |
| MW-5.7 | 12/13/10 | 44.35 | 4.25 | 40.10 | ND | 0.00 |
| MW-5.7 | 04/26/11 | 44.35 | 4.43 | 39.92 | ND | 0.00 |
| MW-5.7 | 07/11/11 | 44.35 | 4.78 | 39.57 | ND | 0.00 |
| MW-5.7 | 09/10/18 | 44.35 | 4.87 | 39.48 | ND | 0.00 |
| MW-5.7 | 02/27/19 | 44.35 | 2.57 | 41.78 | ND | 0.00 |
| MW-5.20 | 03/15/10 | 59.01 | 8.45 | 50.56 | ND | 0.00 |
| MW-5.20 | 06/14/10 | 59.01 | 8.39 | 50.62 | ND | 0.00 |
| MW-5.20 | 09/20/10 | 59.01 | 9.71 | 49.30 | ND | 0.00 |
| MW-5.20 | 12/13/10 | 59.01 | 6.66 | 52.35 | ND | 0.00 |
| MW-5.20 | 04/26/11 | 59.01 | 8.04 | 50.97 | ND | 0.00 |
| MW-5.20 | 07/11/11 | 59.01 | 8.73 | 50.28 | ND | 0.00 |
| MW-5.20 | 10/03/11 | 59.01 | 9.70 | 49.31 | ND | 0.00 |
| MW-5.20 | 12/12/11 | 59.01 | 8.65 | 50.36 | ND | 0.00 |
| MW-5.20 | 03/19/12 | 59.01 | 6.90 | 52.11 | ND | 0.00 |
| MW-5.20 | 06/18/12 | 59.01 | 8.64 | 50.37 | ND | 0.00 |
| MW-5.20 | 09/17/12 | 59.01 | 9.92 | 49.09 | ND | 0.00 |
| MW-5.20 | 12/10/12 | 59.01 | 6.72 | 52.29 | ND | 0.00 |
| MW-5.20 | 03/04/13 | 59.01 | 8.66 | 50.35 | ND | 0.00 |
| MW-5.20 | 08/19/13 | 59.01 | 10.00 | 49.01 | ND | 0.00 |
| MW-5.20 | 03/03/14 | 59.01 | 6.95 | 52.06 | ND | 0.00 |
| MW-5.20 | 09/15/14 | 59.01 | 10.26 | 48.75 | ND | 0.00 |
| MW-5.20 | 03/02/15 | 59.01 | 7.75 | 51.26 | ND | 0.00 |
| MW-5.20 | 08/31/15 | 59.01 | 10.19 | 48.82 | ND | 0.00 |
| MW-5.20 | 12/07/15 | 59.01 | 9.17 | 49.84 | ND | 0.00 |
| MW-5.20 | 03/07/16 | 59.01 | 5.04 | 49.84 | ND | 0.00 |
| MW-5.20 | 05/31/16 | 59.01 | 8.61 | 50.40 | ND | 0.00 |
| MW-5.20 | 09/12/16 | 59.01 | 9.80 | 49.21 | ND | 0.00 |
| MW-5.20 | 2/21/2017 | 59.01 | 4.93 | 54.08 | ND | 0.00 |
| MW-5.20 | 8/29/2017 | 59.01 | 9.53 | 49.48 | ND | 0.00 |
| MW-5.20 | 3/5/2018 | 59.01 | 6.83 | 52.18 | ND | 0.00 |
| MW-5.20 | 09/10/18 | 59.01 | 9.53 | 49.48 | ND | 0.00 |
| MW-5.20 | 2/25/2019 | 59.01 | 7.86 | 51.15 | ND | 0.00 |

Appendix B: Groundwater Elevations and Liquid-Phase-Hydrocarbon Thicknesses

| Well ID | Measurement Date | Reference Elevation (feet NAVD88) ^(a) | Depth To Water (feet toc) | Water Elevation (feet NAVD88) ^(b) | Depth To Product (feet btoc) | Product Thickness (feet) |
|---------|------------------|--|---------------------------|--|------------------------------|--------------------------|
| MW-5.20 | 9/9/2020 | 59.01 | 9.66 | 49.35 | ND | 0.00 |
| MW-5.20 | 3/1/2021 | 59.01 | 7.13 | 51.88 | ND | 1.00 |
| MW-6.3 | 10/08/07 | 49.71 | 7.11 | 42.60 | NM | NM |
| MW-6.3 | 12/10/07 | 49.71 | 8.15 | 41.56 | NM | NM |
| MW-6.3 | 03/24/08 | 49.71 | 8.57 | 41.14 | NM | NM |
| MW-6.3 | 06/02/08 | 49.71 | 9.45 | 40.26 | NM | NM |
| MW-6.3 | 09/22/08 | 49.71 | 7.91 | 41.80 | ND | 0.00 |
| MW-6.3 | 12/09/08 | 49.71 | 9.35 | 40.36 | ND | 0.00 |
| MW-6.3 | 03/03/09 | 49.71 | 5.35 | 44.36 | ND | 0.00 |
| MW-6.3 | 06/08/09 | 49.71 | 8.88 | 40.83 | ND | 0.00 |
| MW-6.3 | 09/14/09 | 49.71 | 9.36 | 40.35 | ND | 0.00 |
| MW-6.3 | 12/07/09 | 49.71 | 8.94 | 40.77 | ND | 0.00 |
| MW-6.3 | 03/15/10 | 49.71 | 8.05 | 41.66 | ND | 0.00 |
| MW-6.3 | 06/14/10 | 49.71 | 8.55 | 41.16 | ND | 0.00 |
| MW-6.3 | 09/20/10 | 49.71 | 9.20 | 40.51 | ND | 0.00 |
| MW-6.3 | 12/13/10 | 49.71 | 7.87 | 41.84 | ND | 0.00 |
| MW-6.3 | 12/27/10 | 49.71 | 5.35 | 44.36 | ND | 0.00 |
| MW-6.3 | 04/26/11 | 49.71 | 7.93 | 41.78 | ND | 0.00 |
| MW-6.3 | 07/11/11 | 49.71 | 9.08 | 40.63 | ND | 0.00 |
| MW-6.3 | 10/03/11 | 49.71 | 8.49 | 41.22 | ND | 0.00 |
| MW-6.3 | 12/12/11 | 49.71 | 8.90 | 40.81 | ND | 0.00 |
| MW-6.3 | 03/19/12 | 49.71 | 6.87 | 42.84 | ND | 0.00 |
| MW-6.3 | 06/18/12 | 49.71 | 9.20 | 40.51 | ND | 0.00 |
| MW-6.3 | 09/17/12 | 49.71 | 9.60 | 40.11 | ND | 0.00 |
| MW-6.3 | 12/10/12 | 49.71 | 7.34 | 42.37 | ND | 0.00 |
| MW-6.3 | 03/04/13 | 49.71 | 8.90 | 40.81 | ND | 0.00 |
| MW-6.3 | 08/19/13 | 49.71 | 9.49 | 40.22 | ND | 0.00 |
| MW-6.3 | 03/03/14 | 49.71 | 5.48 | 44.23 | ND | 0.00 |
| MW-6.3 | 09/15/14 | 49.71 | 9.66 | 40.05 | ND | 0.00 |
| MW-6.3 | 03/02/15 | 49.71 | 8.41 | 41.30 | ND | 0.00 |
| MW-6.3 | 08/31/15 | 49.71 | 9.56 | 40.15 | ND | 0.00 |
| MW-6.3 | 03/07/16 | 49.71 | 5.29 | 44.42 | ND | 0.00 |
| MW-6.3 | 09/12/16 | 49.71 | 9.85 | 39.86 | ND | 0.00 |
| MW-6.3 | 2/21/2017 | 49.71 | 4.41 | 45.30 | ND | 0.00 |
| MW-6.3 | 8/29/2017 | 49.71 | 9.46 | 40.25 | ND | 0.00 |
| MW-6.3 | 3/5/2018 | 49.71 | 6.35 | 43.36 | ND | 0.00 |
| MW-6.3 | 9/10/2018 | 49.71 | 9.53 | 40.18 | ND | 0.00 |
| MW-6.3 | 2/25/2019 | 49.71 | 7.81 | 41.90 | ND | 0.00 |
| MW-6.4 | 12/07/09 | 54.28 | 11.46 | 42.82 | ND | 0.00 |
| MW-6.4 | 03/15/10 | 54.28 | 9.45 | 44.83 | ND | 0.00 |
| MW-6.4 | 06/14/10 | 54.28 | 10.84 | 43.44 | ND | 0.00 |
| MW-6.4 | 09/20/10 | 54.28 | 11.97 | 42.31 | ND | 0.00 |
| MW-6.4 | 12/13/10 | 54.28 | 9.85 | 44.43 | ND | 0.00 |
| MW-6.4 | 04/26/11 | 54.28 | 10.18 | 44.10 | ND | 0.00 |
| MW-6.4 | 07/11/11 | 54.28 | 11.45 | 42.83 | ND | 0.00 |
| MW-6.4 | 10/03/11 | 54.28 | 11.96 | 42.32 | ND | 0.00 |
| MW-6.4 | 12/12/11 | 54.28 | 11.31 | 42.97 | ND | 0.00 |
| MW-6.4 | 03/19/12 | 54.28 | 9.74 | 44.54 | ND | 0.00 |
| MW-6.4 | 06/18/12 | 54.28 | 11.60 | 42.68 | ND | 0.00 |
| MW-6.4 | 09/17/12 | 54.28 | 12.41 | 41.87 | ND | 0.00 |
| MW-6.4 | 12/10/12 | 54.28 | 9.66 | 44.62 | ND | 0.00 |
| MW-6.4 | 03/04/13 | 54.28 | 11.31 | 42.97 | ND | 0.00 |
| MW-6.4 | 08/19/13 | 54.28 | 12.29 | 41.99 | ND | 0.00 |
| MW-6.4 | 09/10/18 | 54.28 | 12.11 | 42.17 | ND | 0.00 |
| MW-6.5 | 12/07/09 | 56.11 | 9.50 | 46.61 | ND | 0.00 |
| MW-6.5 | 03/15/10 | 56.11 | 7.20 | 48.91 | ND | 0.00 |
| MW-6.5 | 06/14/10 | 56.11 | 8.12 | 47.99 | ND | 0.00 |
| MW-6.5 | 09/20/10 | 56.11 | 9.71 | 46.40 | ND | 0.00 |
| MW-6.5 | 12/13/10 | 56.11 | 7.20 | 48.91 | ND | 0.00 |
| MW-6.5 | 07/11/11 | 56.11 | 8.55 | 47.56 | ND | 0.00 |
| MW-6.5 | 09/10/18 | 56.11 | 9.90 | 46.21 | ND | 0.00 |
| MW-6.5 | 02/25/19 | 56.11 | 8.11 | 48.00 | ND | 0.00 |
| MW-6.7 | 12/27/10 | 49.78 | 1.85 | 47.93 | ND | 0.00 |
| MW-6.7 | 04/26/11 | 49.78 | 2.06 | 47.72 | ND | 0.00 |
| MW-6.7 | 07/11/11 | 49.78 | 2.86 | 46.92 | ND | 0.00 |
| MW-6.7 | 10/03/11 | 49.78 | 3.79 | 45.99 | ND | 0.00 |
| MW-6.7 | 12/12/11 | 49.78 | 2.99 | 46.79 | ND | 0.00 |
| MW-6.7 | 03/19/12 | 49.78 | 2.19 | 47.59 | ND | 0.00 |
| MW-6.7 | 06/18/12 | 49.78 | 3.21 | 46.57 | ND | 0.00 |
| MW-6.7 | 09/17/12 | 49.78 | 4.52 | 45.26 | ND | 0.00 |
| MW-6.7 | 12/10/12 | 49.78 | 2.32 | 47.46 | ND | 0.00 |
| MW-6.7 | 03/04/13 | 49.78 | 2.76 | 47.02 | ND | 0.00 |
| MW-6.7 | 08/19/13 | 49.78 | 4.11 | 45.67 | ND | 0.00 |
| MW-6.7 | 03/03/14 | 49.78 | 1.96 | 47.82 | ND | 0.00 |
| MW-6.7 | 09/15/14 | 49.78 | 4.69 | 45.09 | ND | 0.00 |
| MW-6.7 | 03/02/15 | 49.78 | 3.17 | 46.61 | ND | 0.00 |
| MW-6.7 | 08/31/15 | 49.78 | 4.52 | 45.26 | ND | 0.00 |
| MW-6.7 | 03/07/16 | 49.78 | 1.77 | 48.01 | ND | 0.00 |
| MW-6.7 | 09/12/16 | 49.78 | 4.71 | 45.07 | ND | 0.00 |

Appendix B: Groundwater Elevations and Liquid-Phase-Hydrocarbon Thicknesses

| Well ID | Measurement Date | Reference Elevation (feet NAVD88) ^(a) | Depth To Water (feet toc) | Water Elevation (feet NAVD88) ^(b) | Depth To Product (feet btoc) | Product Thickness (feet) |
|---------|------------------|--|---------------------------|--|------------------------------|--------------------------|
| MW-6.7 | 2/21/2017 | 49.78 | 1.66 | 48.12 | ND | 0.00 |
| MW-6.7 | 8/29/2017 | 49.78 | 4.17 | 45.61 | ND | 0.00 |
| MW-6.7 | 3/5/2018 | 49.78 | 2.06 | 47.72 | ND | 0.00 |
| MW-6.7 | 09/10/18 | 49.78 | 4.38 | 45.40 | ND | 0.00 |
| MW-6.7 | 02/25/19 | 49.78 | 4.10 | 45.68 | ND | 0.00 |
| MW-6.7 | 9/9/2020 | 49.78 | 4.42 | 45.36 | ND | 0.00 |
| MW-6.7 | 03/01/21 | 49.78 | 2.01 | 47.77 | ND | 0.00 |
| MW-6.10 | 12/27/10 | 50.45 | 3.85 | 46.60 | ND | 0.00 |
| MW-6.10 | 04/26/11 | 50.45 | 4.49 | 45.96 | ND | 0.00 |
| MW-6.10 | 07/11/11 | 50.45 | 5.11 | 45.34 | ND | 0.00 |
| MW-6.10 | 10/03/11 | 50.45 | 5.90 | 44.55 | ND | 0.00 |
| MW-6.10 | 12/12/11 | 50.45 | 5.12 | 45.33 | ND | 0.00 |
| MW-6.10 | 03/19/12 | 50.45 | 4.26 | 46.19 | ND | 0.00 |
| MW-6.10 | 06/18/12 | 50.45 | 5.41 | 45.04 | ND | 0.00 |
| MW-6.10 | 09/17/12 | 50.45 | 6.45 | 44.00 | ND | 0.00 |
| MW-6.10 | 12/10/12 | 50.45 | 4.31 | 46.14 | ND | 0.00 |
| MW-6.10 | 03/04/13 | 50.45 | 5.03 | 45.42 | ND | 0.00 |
| MW-6.10 | 08/19/13 | 50.45 | 6.04 | 44.41 | ND | 0.00 |
| MW-6.10 | 03/03/14 | 50.45 | 4.00 | 46.45 | ND | 0.00 |
| MW-6.10 | 09/15/14 | 50.45 | 6.46 | 43.99 | ND | 0.00 |
| MW-6.10 | 03/02/15 | 50.45 | 4.58 | 45.87 | ND | 0.00 |
| MW-6.10 | 08/31/15 | 50.45 | 6.30 | 44.15 | ND | 0.00 |
| MW-6.10 | 03/07/16 | 50.45 | 3.63 | 46.82 | ND | 0.00 |
| MW-6.10 | 09/12/16 | 50.45 | 6.43 | 44.02 | ND | 0.00 |
| MW-6.10 | 02/21/17 | 50.45 | 3.58 | 46.87 | ND | 0.00 |
| MW-6.10 | 8/29/2017 | 50.45 | 5.95 | 44.50 | ND | 0.00 |
| MW-6.10 | 3/5/2018 | 50.45 | 4.32 | 46.13 | ND | 0.00 |
| MW-6.10 | 9/10/2018 | 50.45 | 6.24 | 44.21 | ND | 0.00 |
| MW-6.10 | 2/25/2019 | 50.45 | 5.22 | 45.23 | ND | 0.00 |
| MW-6.10 | 8/12/2019 | 50.45 | 4.20 | 46.25 | ND | 0.00 |
| MW-6.10 | 3/1/2021 | 50.45 | 4.04 | 46.41 | ND | 0.00 |
| MW-7.1 | 01/28/04 | 54.03 | 6.26 | 47.77 | ND | 0.00 |
| MW-7.1 | 06/23/04 | 54.03 | 6.44 | 47.59 | ND | 0.00 |
| MW-7.1 | 09/22/04 | 54.03 | 6.66 | 47.37 | ND | 0.00 |
| MW-7.1 | 12/07/04 | 54.03 | 6.47 | 47.56 | ND | 0.00 |
| MW-7.1 | 03/28/05 | 54.03 | 5.92 | 48.11 | ND | 0.00 |
| MW-7.1 | 05/09/05 | 54.03 | 5.94 | 48.09 | ND | 0.00 |
| MW-7.1 | 08/15/05 | 54.03 | 6.37 | 47.66 | ND | 0.00 |
| MW-7.1 | 11/07/05 | 54.03 | 6.31 | 47.72 | ND | 0.00 |
| MW-7.1 | 03/06/06 | 53.46 | 5.81 | 47.65 | ND | 0.00 |
| MW-7.1 | 05/22/06 | 53.46 | 6.10 | 47.36 | ND | 0.00 |
| MW-7.1 | 09/05/06 | 53.46 | 6.55 | 46.91 | ND | 0.00 |
| MW-7.1 | 12/04/06 | 53.46 | 6.29 | 47.17 | ND | 0.00 |
| MW-7.1 | 03/05/07 | 53.46 | 5.91 | 47.55 | NM | NM |
| MW-7.1 | 06/11/07 | 53.46 | 6.34 | 47.12 | NM | NM |
| MW-7.1 | 09/04/07 | 53.50 | 6.55 | 46.95 | NM | NM |
| MW-7.1 | 12/10/07 | 53.50 | 6.06 | 47.44 | NM | NM |
| MW-7.1 | 03/24/08 | 53.50 | 6.05 | 47.45 | NM | NM |
| MW-7.1 | 06/02/08 | 53.50 | 6.36 | 47.14 | NM | NM |
| MW-7.1 | 09/22/08 | 53.50 | 6.65 | 46.85 | ND | 0.00 |
| MW-7.1 | 12/09/08 | 53.50 | 6.55 | 46.95 | ND | 0.00 |
| MW-7.1 | 03/03/09 | 53.50 | 5.65 | 47.85 | ND | 0.00 |
| MW-7.1 | 06/08/09 | 53.50 | 6.20 | 47.30 | ND | 0.00 |
| MW-7.1 | 09/14/09 | 53.50 | 6.54 | 46.96 | ND | 0.00 |
| MW-7.1 | 12/07/09 | 53.50 | 6.31 | 47.19 | ND | 0.00 |
| MW-7.1 | 03/15/10 | 53.50 | 5.80 | 47.70 | ND | 0.00 |
| MW-7.1 | 06/14/10 | 53.50 | 6.12 | 47.38 | ND | 0.00 |
| MW-7.1 | 09/20/10 | 53.50 | 6.44 | 47.06 | ND | 0.00 |
| MW-7.1 | 12/13/10 | 53.50 | 5.94 | 47.56 | ND | 0.00 |
| MW-7.1 | 09/10/18 | 53.50 | 6.50 | 47.00 | ND | 0.00 |
| MW-7.1 | 02/25/19 | 53.50 | 6.02 | 47.48 | ND | 0.00 |
| MW-7.1 | 9/9/2020 | 53.50 | 6.42 | 47.08 | ND | 0.00 |
| MW-7.1 | 03/01/21 | 53.50 | 5.86 | 47.64 | ND | 0.00 |
| MW-7.2 | 12/07/09 | 60.73 | 9.72 | 51.01 | ND | 0.00 |
| MW-7.2 | 03/15/10 | 60.73 | 7.30 | 53.43 | ND | 0.00 |
| MW-7.2 | 06/14/10 | 60.73 | 8.88 | 51.85 | ND | 0.00 |
| MW-7.2 | 09/20/10 | 60.73 | 10.12 | 50.61 | ND | 0.00 |
| MW-7.2 | 12/13/10 | 60.73 | 7.95 | 52.78 | ND | 0.00 |
| MW-7.2 | 09/10/18 | 60.73 | 10.21 | 50.52 | ND | 0.00 |
| MW-7.2 | 02/25/19 | 60.73 | 8.98 | 51.75 | ND | 0.00 |
| MW-7.2 | 9/9/2020 | 60.73 | 10.30 | 50.43 | ND | 0.00 |
| MW-7.2 | 03/01/21 | 60.73 | 6.60 | 54.13 | ND | 0.00 |
| MW-7.3 | 12/07/09 | 55.78 | 8.00 | 47.78 | ND | 0.00 |
| MW-7.3 | 03/15/10 | 55.78 | 6.50 | 49.28 | ND | 0.00 |
| MW-7.3 | 06/14/10 | 55.78 | 7.11 | 48.67 | ND | 0.00 |
| MW-7.3 | 09/20/10 | 55.78 | 8.26 | 47.52 | ND | 0.00 |
| MW-7.3 | 12/13/10 | 55.78 | 7.00 | 48.78 | ND | 0.00 |
| MW-7.3 | 09/10/18 | 55.78 | 8.40 | 47.38 | ND | 0.00 |
| MW-7.3 | 02/25/19 | 55.78 | 8.16 | 47.62 | ND | 0.00 |

Appendix B: Groundwater Elevations and Liquid-Phase-Hydrocarbon Thicknesses

| Well ID | Measurement Date | Reference Elevation (feet NAVD88) ^(a) | Depth To Water (feet toc) | Water Elevation (feet NAVD88) ^(b) | Depth To Product (feet btoc) | Product Thickness (feet) |
|---------|------------------|--|---------------------------|--|------------------------------|--------------------------|
| MW-7.3 | 9/9/2020 | 55.78 | 8.24 | 47.54 | ND | 0.00 |
| MW-7.3 | 03/01/21 | 55.78 | 4.72 | 51.06 | ND | 0.00 |
| MW-9.1 | 12/17/09 | 96.99 | 12.20 | 84.79 | ND | 0.00 |
| MW-9.1 | 03/15/10 | 96.99 | 13.20 | 83.79 | ND | 0.00 |
| MW-9.1 | 06/14/10 | 96.99 | 14.27 | 82.72 | ND | 0.00 |
| MW-9.1 | 09/20/10 | 96.99 | 15.71 | 81.28 | ND | 0.00 |
| MW-9.1 | 12/13/10 | 96.99 | 13.45 | 83.54 | ND | 0.00 |
| MW-9.1 | 04/26/11 | 96.55 | 14.10 | 82.45 | ND | 0.00 |
| MW-9.1 | 07/11/11 | 96.55 | 14.90 | 81.65 | ND | 0.00 |
| MW-9.1 | 09/10/18 | 96.55 | 15.52 | 81.03 | ND | 0.00 |
| MW-9.1 | 02/25/19 | 96.55 | 14.51 | 82.04 | ND | 0.00 |
| MW-9.2 | 12/14/09 | 96.98 | 8.52 | 88.46 | ND | 0.00 |
| MW-9.2 | 03/15/10 | 96.98 | 7.35 | 89.63 | ND | 0.00 |
| MW-9.2 | 06/14/10 | 96.98 | 8.00 | 88.98 | ND | 0.00 |
| MW-9.2 | 09/20/10 | 96.98 | 11.55 | 85.43 | ND | 0.00 |
| MW-9.2 | 12/13/10 | 96.98 | 8.25 | 88.73 | ND | 0.00 |
| MW-9.2 | 04/26/11 | 96.55 | 7.71 | 88.84 | ND | 0.00 |
| MW-9.2 | 07/11/11 | 96.55 | 10.27 | 86.28 | ND | 0.00 |
| MW-9.2 | 10/03/11 | 96.55 | 12.50 | 84.05 | ND | 0.00 |
| MW-9.2 | 12/12/11 | 96.55 | 9.95 | 86.60 | ND | 0.00 |
| MW-9.2 | 03/19/12 | 96.55 | 7.98 | 88.57 | ND | 0.00 |
| MW-9.2 | 06/18/12 | 96.55 | 10.41 | 86.14 | ND | 0.00 |
| MW-9.2 | 09/17/12 | 96.55 | 12.91 | 83.64 | ND | 0.00 |
| MW-9.2 | 12/10/12 | 96.55 | 7.64 | 88.91 | ND | 0.00 |
| MW-9.2 | 03/04/13 | 96.55 | 9.45 | 87.10 | ND | 0.00 |
| MW-9.2 | 08/19/13 | 96.55 | 12.65 | 83.90 | ND | 0.00 |
| MW-9.2 | 03/03/14 | 96.55 | 7.36 | 89.19 | ND | 0.00 |
| MW-9.2 | 09/15/14 | 96.55 | 13.34 | 83.21 | ND | 0.00 |
| MW-9.2 | 03/02/15 | 96.55 | 8.83 | 87.72 | ND | 0.00 |
| MW-9.2 | 08/31/15 | 96.55 | 13.30 | 83.25 | ND | 0.00 |
| MW-9.2 | 03/07/16 | 96.55 | 6.09 | 90.46 | ND | 0.00 |
| MW-9.2 | 09/12/16 | 96.55 | 12.82 | 83.73 | ND | 0.00 |
| MW-9.2 | 2/21/2017 | 96.55 | 5.31 | 91.24 | ND | 0.00 |
| MW-9.2 | 8/29/2017 | 96.55 | 12.31 | 84.24 | ND | 0.00 |
| MW-9.2 | 3/5/2018 | 96.55 | 7.92 | 88.63 | ND | 0.00 |
| MW-9.2 | 9/10/2018 | 96.55 | 12.26 | 84.29 | ND | 0.00 |
| MW-9.2 | 2/25/2019 | 96.55 | 12.10 | 84.45 | ND | 0.00 |
| MW-9.2 | 9/9/2020 | 96.55 | 13.27 | 83.28 | ND | 0.00 |
| MW-9.2 | 3/1/2021 | 96.55 | 8.73 | 87.82 | ND | 0.00 |

Notes:

(a) All existing wells were resurveyed between the second and third quarter events of 2007. Monitoring wells MW-5.20, MW-6.4 through MW-6.5, MW-7.2, MW-7.3, and MW-9.1 through MW-9.2 were surveyed in January 2010. Monitoring wells MW-6.7 through MW-6.10 were surveyed in January 2011 by Towill, Inc. Towill also remeasured elevations in monitoring wells MW-9.1 and MW-9.2 at that time to assess potential errors in previous measurements made by other surveyors.

(b) Water elevations in wells with liquid-phase hydrocarbons corrected assuming a product density of 0.81.

NA = not applicable or not available
 NAVD88 = North American Vertical Datum (1988)
 ND = not detected
 NM = not measured
 (#) = inaccessible or not located

btoc = below top of casing
 (\$) = well was dry
 (&) = well was subsequently destroyed
 (P) = dedicated pump interference

Appendix C

Groundwater Sampling Field Data

WELL GAUGING DATA

Project # 21030180-1 Date 03/01/21 Client Kennedy Jenks

Site: Georgia-Pacific Wood Products Facility, 90 West Redwood Ave, Fort Bragg, CA

| Well ID | Well Size (in.) | Time Gauged | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | VOC's (PPM) Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC |
|---------|-----------------|-------------|--------------|----------------------------------|--------------------------------------|---|----------------------|----------------------------|--------------------------|
| MW-5.5 | 4 | 1510 | | 4.25 | 0.05 0.04 | 11.2 | 4.29 | — | |
| MW-5.20 | 2 | 1517 | | | | 0.0 | 7.13 | 18.00 | |
| MW-6.7 | 2 | 1524 | | | | 0.0 | 2.01 | 8.34 | |
| MW-6.10 | 2 | 1521 | | | | 0.0 | 4.04 | 9.10 | |
| MW-7.1 | 4 | 1529 | | | | 0.0 | 5.86 | 14.64 | |
| MW-7.2 | 2 | 1537 | | | | 18.3 | 6.60 | 14.82 | |
| MW-7.3 | 2 | 1533 | | | | 2.7 | 4.72 | 14.24 | |
| MW-9.2 | 2 | 1458 | | | | 0.0 | 8.73 | 17.01 | |
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LOW FLOW WELL MONITORING DATA SHEET

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|-----------------------------|--|
| Project #: 21030180-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/01/21 |
| Well I.D.: MW-515 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: — | Depth to Water: 4.29 |
| Depth to Free Product: 4.25 | Thickness of Free Product (feet): 0.04 |
| Referenced to: (PVC) Grade | Flow Cell Type: — |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|------|---------------------|-----|---------------------|---------------------|----------------|-------------|--------------------------------|--------------|
| | | SPH | detected in well, | | | No | Samples | collected |
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| Did well dewater? Yes No | Amount actually evacuated: |
| Sampling Time: | Sampling Date: |
| Sample I.D.: | Laboratory: Test America |
| Analyzed for: | |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|-------------------------------------|
| Project #: 210301BD-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/01/21 |
| Well I.D.: MW-5.20 | Well Diameter: (2) 3 4 6 8 _____ |
| Total Well Depth: 18.00 | Depth to Water: 7.13 |
| Depth to Free Product: — | Thickness of Free Product (feet): |
| Referenced to: <u>eye</u> Grade | Flow Cell Type: <u>VSI Pro Plus</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump w/ Teflon bladder
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 200 mL/min Pump Depth: 13'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations | DTW |
|------|------------------|------|------------------|------------------|-------------|----------|-----------------------------|--------------|------|
| 1737 | 12.3 | 6.10 | 1507 | 5 | 2.89 | 199.7 | 600 | clear | 7.41 |
| 1740 | 12.9 | 6.00 | 1181 | 6 | 4.29 | 164.8 | 1200 | | 7.46 |
| 1743 | 13.0 | 6.07 | 1127 | 4 | 5.98 | 147.6 | 1800 | | 7.49 |
| 1746 | 13.1 | 6.14 | 1104 | 4 | 9.32 | 132.8 | 2400 | | 7.50 |
| 1749 | 13.0 | 6.18 | 1093 | 3 | 9.01 | 116.0 | 3000 | | 7.51 |
| 1752 | 13.1 | 6.20 | 1087 | 3 | 8.81 | 109.6 | 3600 | | 7.52 |
| 1755 | 13.1 | 6.24 | 1084 | 3 | 8.53 | 107.0 | 4200 | | 7.53 |
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|---|---|
| Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Amount actually evacuated: <u>4200 mL</u> |
| Sampling Time: <u>1800</u> | Sampling Date: <u>03/01/21</u> |
| Sample I.D.: <u>MW-5.20-030121</u> | Laboratory: <u>Test America</u> |
| Analyzed for: <u>See log</u> | |
| Equipment Blank I.D.: @ _____ Time | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--|-------------------------------------|
| Project #: 210301BD-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/01/21 |
| Well I.D.: MW-6.7 | Well Diameter: ② 3 4 6 8 _____ |
| Total Well Depth: 8.34 | Depth to Water: 2.01 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: <input checked="" type="checkbox"/> VCO Grade | Flow Cell Type: — |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other PDB
 Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or μS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|------|---------------------|----|---|---------------------|----------------|-------------|--------------------------------|--------------|
| 1652 | | | Removed | PDB from well | & | sampled | | |
| 1658 | | | Installed | New PDB | in | well | | |
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| | | | Enough water in PDB for 6 VOA's, No Duplicate or MS/MSD collected | | | | | |

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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: PDB |
| Sampling Time: 1655 | Sampling Date: 03/01/21 |
| Sample I.D.: MW-6.7-030121 | Laboratory: Test America |
| Analyzed for: See LOC | |
| Equipment Blank I.D.: @ _____ Time | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--|-------------------------------------|
| Project #: 210301BD-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/01/21 |
| Well I.D.: MW-6.10 | Well Diameter: ② 3 4 6 8 ____ |
| Total Well Depth: 8.3460 9.10 | Depth to Water: 4.04 |
| Depth to Free Product: - | Thickness of Free Product (feet): - |
| Referenced to: PVC Grade | Flow Cell Type: VST Profus |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other PDB
 Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|------|---------------------|----|---------------------|---------------------|----------------|-------------|--------------------------------|---------------------------------|
| 1632 | | | | | | | | Removed PDB from well & sampled |
| 1639 | | | | | | | | Installed New PDB in well |
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| Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/> | Amount actually evacuated: <u>PDB</u> |
| Sampling Time: 1635 | Sampling Date: 03/01/21 |
| Sample I.D.: MW-6.10-030121 | Laboratory: Test America |
| Analyzed for: See voc | |
| Equipment Blank I.D.: GP-PDB-BLANK-030121 @ Time 1620 | Duplicate I.D.: |

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

GP-TB-1-030121 @ 1615

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------|-------------------------------------|
| Project #: 2103 | Client: Kennedy Jenks |
| Sampler: EB | Start Date: 03/02/21 |
| Well I.D.: MW-7.1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 14.64 | Depth to Water: 5.86 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: PVC Grade | Flow Cell Type: KSI Pro Plus |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump w/ 4" air bladder
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 200 ml/min Pump Depth: 10'

| Time | Temp. (°C or °F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations | DTW |
|------|------------------|------|-----------------------|------------------|-------------|----------|-----------------------------|--------------|------|
| 0746 | 13.8 | 6.21 | 943 | 7 | 1.32 | 136.0 | 600 | Clear | 5.90 |
| 0749 | 13.7 | 6.08 | 917 | 7 | 1.17 | 107.3 | 1200 | | 5.90 |
| 0752 | 13.6 | 6.07 | 910 | 5 | 1.03 | 85.4 | 1800 | | 5.90 |
| 0755 | 13.8 | 6.09 | 907 | 4 | 0.91 | 67.6 | 2400 | | 5.93 |
| 0758 | 13.8 | 6.12 | 904 | 3 | 0.79 | 47.0 | 3000 | | 5.96 |
| 0801 | 13.9 | 6.12 | 904 | 3 | 0.75 | 45.0 | 3600 | | 5.99 |
| 0804 | 13.9 | 6.14 | 904 | 3 | 0.73 | 43.9 | 4200 | | 6.01 |
| | | | | | | | | | |

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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 4200ml |
| Sampling Time: 0809 | Sampling Date: 03/02/21 |
| Sample I.D.: MW-7.1-030221 | Laboratory: Test America |
| Analyzed for: See Cor | |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------|-------------------------------------|
| Project #: 210301BD-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/02/21 |
| Well I.D.: MW-7.2 | Well Diameter: ② 3 4 6 8 _____ |
| Total Well Depth: 14.82 - | Depth to Water: 660 |
| Depth to Free Product: - | Thickness of Free Product (feet): - |
| Referenced to: PVC Grade | Flow Cell Type: VSI Pro Plus |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump w/ ~~Teflon~~ Bladder
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 200 mL/min Pump Depth: 11'

| Time | Temp. (°C or °F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations | DTW |
|------|---------------------|------|--------------------------|---------------------|----------------|-------------|--------------------------------|--------------|------|
| 1035 | 13.6 | 5.80 | 266.5 | 12 | 1.95 | 56.5 | 600 | clear | 6.87 |
| 1038 | 13.8 | 5.73 | 272.7 | 9 | 0.64 | 56.8 | 1200 | | 6.96 |
| 1041 | 14.0 | 5.73 | 279.4 | 12 | 0.63 | 55.2 | 1800 | | 7.01 |
| 1044 | 14.1 | 5.73 | 282.7 | 14 | 0.65 | 54.0 | 2400 | | 7.03 |
| 1047 | 14.1 | 5.73 | 285.1 | 14 | 0.63 | 52.8 | 3000 | | 7.04 |
| 1050 | 14.1 | 5.74 | 288.4 | 15 | 0.61 | 50.6 | 3600 | | 7.05 |
| | | | | MS/MSD | collected | | | | |

| | |
|---|--|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3600 mL |
| Sampling Time: 1055 | Sampling Date: 03/02/21 |
| Sample I.D.: MW-7.2-030221 | Laboratory: Test America |
| Analyzed for: See col | |
| Equipment Blank I.D.: @ _____ Time | Duplicate I.D.: GP-DUP-1-030221 @ 1100 |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------|-------------------------------------|
| Project #: 210301 BD-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/02/21 |
| Well I.D. MW-7.3 | Well Diameter: ② 3 4 6 8 _____ |
| Total Well Depth: 14.24 | Depth to Water: 4.72 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: EVO Grade | Flow Cell Type: YSI Pro Plus |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump *w/teflon bladder*
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 200ml/min Pump Depth: 10'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations | DTW |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|--------------|------|
| 0818 | 13.1 | 6.12 | 671 | 7 | 1.35 | 26.0 | 600 | clear | 5.10 |
| 0821 | 14.0 | 6.02 | 683 | 4 | 0.80 | 27.3 | 1200 | | 5.13 |
| 0824 | 14.3 | 6.00 | 683 | 4 | 0.69 | 26.6 | 1800 | | 5.16 |
| 0827 | 14.5 | 5.97 | 683 | 4 | 0.58 | 24.9 | 2400 | | 5.18 |
| 0830 | 14.5 | 5.96 | 684 | 4 | 0.56 | 24.0 | 3000 | | 5.20 |
| 0833 | 14.5 | 5.95 | 685 | 4 | 0.55 | 23.1 | 3600 | | 5.23 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | |
|---|--|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3600 mL |
| Sampling Time: 0838 | Sampling Date: 03/02/21 |
| Sample I.D.: MW-7.3-030221 | Laboratory: Test America |
| Analyzed for: See lot | |
| Equipment Blank I.D.: @ _____ Time | Duplicate I.D.: GP-DUP-2-030221 @ 0843 |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|-------------------------------------|
| Project #: 21030160-1 | Client: Kennedy Jenks |
| Sampler: BD | Start Date: 03/02/21 |
| Well I.D.: MW-9.2 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: 17.01 | Depth to Water: 8.73 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI Pro Plus |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump *w/ Teflon bladder*
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 200ml/min to 100ml/min Pump Depth: 13'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations | DTW |
|------|---------------------|------|---------------------|---------------------|----------------|----------------------|--------------------------------|--------------|------|
| 1144 | 15.4 | 5.64 | 183.7 | 28 | 9.71 | 68.3 | 600 | See | 9.07 |
| 1147 | 15.9 | 5.48 | 181.2 | 26 | 9.42 | 70.7 | 1200 | | 9.21 |
| 1150 | 16.0 | 5.44 | 173.3 | 20 | 9.35 | 1800 1500 | | | 9.26 |
| 1153 | 16.0 | 5.42 | 171.0 | 19 | 9.37 | 1800 | | | 9.29 |
| 1156 | 16.1 | 5.40 | 169.3 | 18 | 9.26 | 2100 | | | 9.32 |
| 1159 | 16.1 | 5.39 | 168.4 | 18 | 9.19 | 2400 | | | 9.35 |
| | | | | | | | | | |

| | |
|---|------------------------------------|
| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 2400 mL |
| Sampling Time: 1204 | Sampling Date: 03/02/21 |
| Sample I.D.: MW-9.2-030221 | Laboratory: Test America |
| Analyzed for: See lot 69.26-1-030221 @ 1730 | |
| Equipment Blank I.D.: 69.26 @ | Duplicate I.D.: |

Appendix D

Analytical Reports and Chain-of-Custody Forms


ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-70683-1
Client Project/Site: Fort Bragg
Revision: 1

For:
Kennedy/Jenks Consultants
9325 Sky Park Court
Suite 300
San Diego, California 92123

Attn: Ms. Rachel Morgan



Authorized for release by:
3/23/2021 1:04:05 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
Afsaneh.Salimpour@Eurofinset.com

LINKS

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results through
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The
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| B | Compound was found in the blank and sample. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

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: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Job ID: 320-70683-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-70683-1

Revised The Case narrative on 3/23/2021.

Comments

No additional comments.

Receipt

The samples were received on 3/2/2021 5:17 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.3° C.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC):
COC lists container count at 18, however received 6 containers. Container count was logged in according to containers received.
MW-6.7-030121 (320-70683-2).

GC/MS VOA

Method 8260B/CA_LUFTMS: The method blank for analytical batch 320-468986 contained Gasoline Range Organics (GRO)-C4-C12 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

GC Semi VOA

Method 8015B: The method blank for preparation batch 320-467795 and analytical batch 320-468777 contained Diesel Range Organics [C10-C28] above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

Metals

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

Organic Prep

Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with method 8015B_DRO aqueous in preparation batch 320-467795.

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

VOA Prep

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

Detection Summary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Client Sample ID: MW-5.20-030121

Lab Sample ID: 320-70683-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|----|-----|------|---------|---|--------|--------------------|
| Diesel Range Organics [C10-C28] | 32 | J B | 48 | 15 | ug/L | 1 | | 8015B | Silica Gel Cleanup |

Client Sample ID: MW-6.7-030121

Lab Sample ID: 320-70683-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1-Dichloroethane | 1.2 | | 0.20 | 0.025 | ug/L | 1 | | 8260B | Total/NA |
| 1,1-Dichloroethene | 3.3 | | 0.20 | 0.035 | ug/L | 1 | | 8260B | Total/NA |

Client Sample ID: MW-6.10-030121

Lab Sample ID: 320-70683-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,1-Dichloroethane | 2.2 | | 0.20 | 0.025 | ug/L | 1 | | 8260B | Total/NA |
| 1,1-Dichloroethene | 6.9 | | 0.20 | 0.035 | ug/L | 1 | | 8260B | Total/NA |
| Vinyl chloride | 0.30 | | 0.020 | 0.013 | ug/L | 1 | | 8260B | Total/NA |

Client Sample ID: MW-7.1-030221

Lab Sample ID: 320-70683-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Arsenic | 0.065 | | 0.0020 | 0.0010 | mg/L | 1 | | 6020 | Dissolved |

Client Sample ID: MW-7.2-030221

Lab Sample ID: 320-70683-5

No Detections.

Client Sample ID: MW-7.3-030221

Lab Sample ID: 320-70683-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Arsenic | 0.044 | | 0.0020 | 0.0010 | mg/L | 1 | | 6020 | Dissolved |

Client Sample ID: MW-9.2-030221

Lab Sample ID: 320-70683-7

No Detections.

Client Sample ID: GP-DUP-1-030221

Lab Sample ID: 320-70683-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Arsenic | 0.0010 | J | 0.0020 | 0.0010 | mg/L | 1 | | 6020 | Dissolved |

Client Sample ID: GP-DUP-2-030221

Lab Sample ID: 320-70683-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Arsenic | 0.045 | | 0.0020 | 0.0010 | mg/L | 1 | | 6020 | Dissolved |

Client Sample ID: GP-EB-1-030221

Lab Sample ID: 320-70683-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|----|-----|------|---------|---|--------|--------------------|
| Diesel Range Organics [C10-C28] | 18 | J B | 48 | 15 | ug/L | 1 | | 8015B | Silica Gel Cleanup |

Client Sample ID: GP-TB-1-030121

Lab Sample ID: 320-70683-11

No Detections.

Client Sample ID: GP-PDB-BLANK-030121

Lab Sample ID: 320-70683-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Client Sample ID: MW-5.20-030121

Lab Sample ID: 320-70683-1

Date Collected: 03/01/21 18:00

Matrix: Water

Date Received: 03/02/21 17:17

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C4-C12 | ND | | 50 | 15 | ug/L | | | 03/10/21 17:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102 | | 73 - 115 | | | | | 03/10/21 17:16 | 1 |

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|------------------|------------------|---------------|-----|------|---|-----------------|-----------------|----------------|
| Diesel Range Organics [C10-C28] | 32 | J B | 48 | 15 | ug/L | | 03/05/21 10:03 | 03/10/21 06:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| o-Terphenyl (Surr) | 80 | | 56 - 145 | | | | 03/05/21 10:03 | 03/10/21 06:27 | 1 |

Client Sample ID: MW-6.7-030121

Lab Sample ID: 320-70683-2

Date Collected: 03/01/21 16:55

Matrix: Water

Date Received: 03/02/21 17:17

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|-------|------|---|-----------------|-----------------|----------------|
| 1,1-Dichloroethane | 1.2 | | 0.20 | 0.025 | ug/L | | | 03/08/21 14:39 | 1 |
| 1,1-Dichloroethene | 3.3 | | 0.20 | 0.035 | ug/L | | | 03/08/21 14:39 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 14:39 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 14:39 | 1 |
| Vinyl chloride | ND | | 0.020 | 0.013 | ug/L | | | 03/08/21 14:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 112 | | 80 - 120 | | | | | 03/08/21 14:39 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | | 80 - 120 | | | | | 03/08/21 14:39 | 1 |
| Dibromofluoromethane (Surr) | 95 | | 80 - 120 | | | | | 03/08/21 14:39 | 1 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 | | | | | 03/08/21 14:39 | 1 |

Client Sample ID: MW-6.10-030121

Lab Sample ID: 320-70683-3

Date Collected: 03/01/21 16:35

Matrix: Water

Date Received: 03/02/21 17:17

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|-------|------|---|-----------------|-----------------|----------------|
| 1,1-Dichloroethane | 2.2 | | 0.20 | 0.025 | ug/L | | | 03/08/21 15:03 | 1 |
| 1,1-Dichloroethene | 6.9 | | 0.20 | 0.035 | ug/L | | | 03/08/21 15:03 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 15:03 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 15:03 | 1 |
| Vinyl chloride | 0.30 | | 0.020 | 0.013 | ug/L | | | 03/08/21 15:03 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 111 | | 80 - 120 | | | | | 03/08/21 15:03 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | | 80 - 120 | | | | | 03/08/21 15:03 | 1 |
| Dibromofluoromethane (Surr) | 95 | | 80 - 120 | | | | | 03/08/21 15:03 | 1 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 | | | | | 03/08/21 15:03 | 1 |

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Client Sample ID: MW-7.1-030221

Lab Sample ID: 320-70683-4

Date Collected: 03/02/21 08:09

Matrix: Water

Date Received: 03/02/21 17:17

Method: 6020 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | 0.065 | | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/09/21 02:49 | 1 |

Client Sample ID: MW-7.2-030221

Lab Sample ID: 320-70683-5

Date Collected: 03/02/21 10:55

Matrix: Water

Date Received: 03/02/21 17:17

Method: 6020 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | ND | | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/09/21 02:52 | 1 |

Client Sample ID: MW-7.3-030221

Lab Sample ID: 320-70683-6

Date Collected: 03/02/21 08:38

Matrix: Water

Date Received: 03/02/21 17:17

Method: 6020 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | 0.044 | | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/09/21 03:19 | 1 |

Client Sample ID: GP-DUP-1-030221

Lab Sample ID: 320-70683-8

Date Collected: 03/02/21 11:00

Matrix: Water

Date Received: 03/02/21 17:17

Method: 6020 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | 0.0010 | J | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/09/21 03:22 | 1 |

Client Sample ID: GP-DUP-2-030221

Lab Sample ID: 320-70683-9

Date Collected: 03/02/21 08:43

Matrix: Water

Date Received: 03/02/21 17:17

Method: 6020 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | 0.045 | | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/09/21 03:26 | 1 |

Client Sample ID: GP-EB-1-030221

Lab Sample ID: 320-70683-10

Date Collected: 03/02/21 12:30

Matrix: Water

Date Received: 03/02/21 17:17

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| Gasoline Range Organics (GRO)-C4-C12 | ND | | 50 | 15 | ug/L | | | 03/10/21 17:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 110 | | 73 - 115 | | 03/10/21 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane | ND | | 0.20 | 0.025 | ug/L | | | 03/08/21 13:49 | 1 |
| 1,1-Dichloroethene | ND | | 0.20 | 0.035 | ug/L | | | 03/08/21 13:49 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 13:49 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 13:49 | 1 |
| Vinyl chloride | ND | | 0.020 | 0.013 | ug/L | | | 03/08/21 13:49 | 1 |

Eurolins TestAmerica, Sacramento

Client Sample Results

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Client Sample ID: GP-EB-1-030221

Lab Sample ID: 320-70683-10

Date Collected: 03/02/21 12:30

Matrix: Water

Date Received: 03/02/21 17:17

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 80 - 120 | | 03/08/21 13:49 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | | 80 - 120 | | 03/08/21 13:49 | 1 |
| Dibromofluoromethane (Surr) | 95 | | 80 - 120 | | 03/08/21 13:49 | 1 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 | | 03/08/21 13:49 | 1 |

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|--------|-----------|----|-----|------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 18 | J B | 48 | 15 | ug/L | | 03/05/21 10:03 | 03/10/21 06:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 75 | | 56 - 145 | 03/05/21 10:03 | 03/10/21 06:55 | 1 |

Method: 6020 - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | ND | | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/09/21 03:29 | 1 |

Client Sample ID: GP-TB-1-030121

Lab Sample ID: 320-70683-11

Date Collected: 03/01/21 16:15

Matrix: Water

Date Received: 03/02/21 17:17

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane | ND | | 0.20 | 0.025 | ug/L | | | 03/08/21 11:37 | 1 |
| 1,1-Dichloroethene | ND | | 0.20 | 0.035 | ug/L | | | 03/08/21 11:37 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 11:37 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 11:37 | 1 |
| Vinyl chloride | ND | | 0.020 | 0.013 | ug/L | | | 03/08/21 11:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114 | | 80 - 120 | | 03/08/21 11:37 | 1 |
| 4-Bromofluorobenzene (Surr) | 90 | | 80 - 120 | | 03/08/21 11:37 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 80 - 120 | | 03/08/21 11:37 | 1 |
| Toluene-d8 (Surr) | 92 | | 80 - 120 | | 03/08/21 11:37 | 1 |

Client Sample ID: GP-PDB-BLANK-030121

Lab Sample ID: 320-70683-12

Date Collected: 03/01/21 16:20

Matrix: Water

Date Received: 03/02/21 17:17

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane | ND | | 0.20 | 0.025 | ug/L | | | 03/08/21 14:14 | 1 |
| 1,1-Dichloroethene | ND | | 0.20 | 0.035 | ug/L | | | 03/08/21 14:14 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 14:14 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 14:14 | 1 |
| Vinyl chloride | ND | | 0.020 | 0.013 | ug/L | | | 03/08/21 14:14 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111 | | 80 - 120 | | 03/08/21 14:14 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | | 80 - 120 | | 03/08/21 14:14 | 1 |
| Dibromofluoromethane (Surr) | 94 | | 80 - 120 | | 03/08/21 14:14 | 1 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 | | 03/08/21 14:14 | 1 |

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Surrogate Summary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|-------------------|------------------------|--|-----------------|------------------|-----------------|
| | | DCA (80-120) | BFB (80-120) | DBFM (80-120) | TOL (80-120) |
| 320-70683-2 | MW-6.7-030121 | 112 | 96 | 95 | 103 |
| 320-70683-3 | MW-6.10-030121 | 111 | 96 | 95 | 103 |
| 320-70683-10 | GP-EB-1-030221 | 109 | 96 | 95 | 103 |
| 320-70683-11 | GP-TB-1-030121 | 114 | 90 | 103 | 92 |
| 320-70683-12 | GP-PDB-BLANK-030121 | 111 | 97 | 94 | 103 |
| LCS 580-351399/4 | Lab Control Sample | 102 | 97 | 94 | 96 |
| LCS 580-351407/4 | Lab Control Sample | 109 | 98 | 97 | 103 |
| LCSD 580-351399/5 | Lab Control Sample Dup | 106 | 99 | 96 | 94 |
| LCSD 580-351407/5 | Lab Control Sample Dup | 107 | 99 | 97 | 103 |
| MB 580-351399/7 | Method Blank | 114 | 90 | 105 | 93 |
| MB 580-351407/7 | Method Blank | 109 | 97 | 95 | 103 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | BFB |
|-------------------|------------------------|----------|
| | | (73-115) |
| 320-70683-1 | MW-5.20-030121 | 102 |
| 320-70683-10 | GP-EB-1-030221 | 110 |
| LCS 320-468986/7 | Lab Control Sample | 107 |
| LCSD 320-468986/8 | Lab Control Sample Dup | 101 |
| MB 320-468986/10 | Method Blank | 102 |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Silica Gel Cleanup

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | OTPH1 |
|---------------------|------------------------|----------|
| | | (56-145) |
| 320-70683-1 | MW-5.20-030121 | 80 |
| 320-70683-10 | GP-EB-1-030221 | 75 |
| LCS 320-467795/2-A | Lab Control Sample | 87 |
| LCSD 320-467795/3-A | Lab Control Sample Dup | 91 |
| MB 320-467795/1-A | Method Blank | 78 |

Surrogate Legend

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

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

Lab Sample ID: MB 580-351399/7
Matrix: Water
Analysis Batch: 351399

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane | ND | | 0.20 | 0.025 | ug/L | | | 03/08/21 11:11 | 1 |
| 1,1-Dichloroethene | ND | | 0.20 | 0.035 | ug/L | | | 03/08/21 11:11 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 11:11 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 11:11 | 1 |
| Vinyl chloride | ND | | 0.020 | 0.013 | ug/L | | | 03/08/21 11:11 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114 | | 80 - 120 | | 03/08/21 11:11 | 1 |
| 4-Bromofluorobenzene (Surr) | 90 | | 80 - 120 | | 03/08/21 11:11 | 1 |
| Dibromofluoromethane (Surr) | 105 | | 80 - 120 | | 03/08/21 11:11 | 1 |
| Toluene-d8 (Surr) | 93 | | 80 - 120 | | 03/08/21 11:11 | 1 |

Lab Sample ID: LCS 580-351399/4
Matrix: Water
Analysis Batch: 351399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,1-Dichloroethane | 5.00 | 4.29 | | ug/L | | 86 | 74 - 120 |
| 1,1-Dichloroethene | 5.00 | 4.00 | | ug/L | | 80 | 79 - 120 |
| Tetrachloroethene | 5.00 | 4.55 | | ug/L | | 91 | 75 - 131 |
| Trichloroethene | 5.00 | 4.71 | | ug/L | | 94 | 72 - 136 |
| Vinyl chloride | 5.00 | 4.74 | | ug/L | | 95 | 69 - 128 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 97 | | 80 - 120 |
| Dibromofluoromethane (Surr) | 94 | | 80 - 120 |
| Toluene-d8 (Surr) | 96 | | 80 - 120 |

Lab Sample ID: LCSD 580-351399/5
Matrix: Water
Analysis Batch: 351399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------|-------------|-------------|----------------|------|---|------|--------------|-----|-----------|
| 1,1-Dichloroethane | 5.00 | 4.20 | | ug/L | | 84 | 74 - 120 | 2 | 10 |
| 1,1-Dichloroethene | 5.00 | 4.01 | | ug/L | | 80 | 79 - 120 | 0 | 17 |
| Tetrachloroethene | 5.00 | 4.44 | | ug/L | | 89 | 75 - 131 | 2 | 20 |
| Trichloroethene | 5.00 | 4.80 | | ug/L | | 96 | 72 - 136 | 2 | 14 |
| Vinyl chloride | 5.00 | 4.77 | | ug/L | | 95 | 69 - 128 | 1 | 21 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | | 80 - 120 |
| Dibromofluoromethane (Surr) | 96 | | 80 - 120 |
| Toluene-d8 (Surr) | 94 | | 80 - 120 |

QC Sample Results

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

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

Lab Sample ID: MB 580-351407/7
Matrix: Water
Analysis Batch: 351407

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| 1,1-Dichloroethane | ND | | 0.20 | 0.025 | ug/L | | | 03/08/21 11:44 | 1 |
| 1,1-Dichloroethene | ND | | 0.20 | 0.035 | ug/L | | | 03/08/21 11:44 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.084 | ug/L | | | 03/08/21 11:44 | 1 |
| Trichloroethene | ND | | 0.20 | 0.066 | ug/L | | | 03/08/21 11:44 | 1 |
| Vinyl chloride | ND | | 0.020 | 0.013 | ug/L | | | 03/08/21 11:44 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 80 - 120 | | 03/08/21 11:44 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | | 80 - 120 | | 03/08/21 11:44 | 1 |
| Dibromofluoromethane (Surr) | 95 | | 80 - 120 | | 03/08/21 11:44 | 1 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 | | 03/08/21 11:44 | 1 |

Lab Sample ID: LCS 580-351407/4
Matrix: Water
Analysis Batch: 351407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,1-Dichloroethane | 5.00 | 5.19 | | ug/L | | 104 | 74 - 120 |
| 1,1-Dichloroethene | 5.00 | 4.64 | | ug/L | | 93 | 79 - 120 |
| Tetrachloroethene | 5.00 | 4.59 | | ug/L | | 92 | 75 - 131 |
| Trichloroethene | 5.00 | 4.89 | | ug/L | | 98 | 72 - 136 |
| Vinyl chloride | 5.00 | 5.85 | | ug/L | | 117 | 69 - 128 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 98 | | 80 - 120 |
| Dibromofluoromethane (Surr) | 97 | | 80 - 120 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 |

Lab Sample ID: LCSD 580-351407/5
Matrix: Water
Analysis Batch: 351407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------|-------------|-------------|----------------|------|---|------|--------------|-----|-----------|
| 1,1-Dichloroethane | 5.00 | 4.86 | | ug/L | | 97 | 74 - 120 | 7 | 10 |
| 1,1-Dichloroethene | 5.00 | 4.41 | | ug/L | | 88 | 79 - 120 | 5 | 17 |
| Tetrachloroethene | 5.00 | 4.38 | | ug/L | | 88 | 75 - 131 | 5 | 20 |
| Trichloroethene | 5.00 | 4.64 | | ug/L | | 93 | 72 - 136 | 5 | 14 |
| Vinyl chloride | 5.00 | 5.60 | | ug/L | | 112 | 69 - 128 | 4 | 21 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 107 | | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | | 80 - 120 |
| Dibromofluoromethane (Surr) | 97 | | 80 - 120 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 |

QC Sample Results

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 320-468986/10
Matrix: Water
Analysis Batch: 468986

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------------|--------------|----------|-----|------|---|----------|----------------|---------|
| Gasoline Range Organics (GRO)-C4-C12 | 35.9 | J | 50 | 15 | ug/L | | | 03/10/21 12:41 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102 | | 73 - 115 | | | | | 03/10/21 12:41 | 1 |

Lab Sample ID: LCS 320-468986/7
Matrix: Water
Analysis Batch: 468986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|---------------|---------------|---------------|------|---|------|--------------|
| Gasoline Range Organics (GRO)-C4-C12 | 1000 | 1100 | | ug/L | | 110 | 78 - 118 |
| Surrogate | LCS %Recovery | LCS Qualifier | Limits | | | | |
| 4-Bromofluorobenzene (Surr) | 107 | | 73 - 115 | | | | |

Lab Sample ID: LCSD 320-468986/8
Matrix: Water
Analysis Batch: 468986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|----------------|----------------|----------------|------|---|------|--------------|-----|-----------|
| Gasoline Range Organics (GRO)-C4-C12 | 1000 | 1090 | | ug/L | | 109 | 78 - 118 | 1 | 23 |
| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits | | | | | | |
| 4-Bromofluorobenzene (Surr) | 101 | | 73 - 115 | | | | | | |

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 320-467795/1-A
Matrix: Water
Analysis Batch: 468777

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 467795

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|--------------|--------------|----------|-----|------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 19.1 | J | 50 | 16 | ug/L | | 03/05/21 10:03 | 03/10/21 04:04 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| o-Terphenyl (Surr) | 78 | | 56 - 145 | | | | 03/05/21 10:03 | 03/10/21 04:04 | 1 |

Lab Sample ID: LCS 320-467795/2-A
Matrix: Water
Analysis Batch: 468777

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 467795

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------------|-------------|------------|---------------|------|---|------|--------------|
| Diesel Range Organics [C10-C28] | 300 | 343 | | ug/L | | 114 | 53 - 123 |

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QC Sample Results

Client: Kennedy/Jenks Consultants
 Project/Site: Frott Bragg

Job ID: 320-70683-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 320-467795/2-A
Matrix: Water
Analysis Batch: 468777

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 467795

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------------------|------------------|------------------|----------|
| <i>o</i> -Terphenyl (Surr) | 87 | | 56 - 145 |

Lab Sample ID: LCSD 320-467795/3-A
Matrix: Water
Analysis Batch: 468777

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 467795

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|------------------------------------|----------------|----------------|-------------------|------|---|------|-----------------|-----|-------|
| Diesel Range Organics [C10-C28] | 300 | 357 | | ug/L | | 119 | 53 - 123 | 4 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|----------------------------|-------------------|-------------------|----------|
| <i>o</i> -Terphenyl (Surr) | 91 | | 56 - 145 |

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 320-467350/1-A
Matrix: Water
Analysis Batch: 468600

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 467350

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------------|-----------------|--------|--------|------|---|----------------|----------------|---------|
| Arsenic | ND | | 0.0020 | 0.0010 | mg/L | | 03/04/21 09:40 | 03/08/21 23:14 | 1 |

Lab Sample ID: LCS 320-467350/2-A
Matrix: Water
Analysis Batch: 468600

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 467350

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|----------------|---------------|------------------|------|---|------|-----------------|
| Arsenic | 0.400 | 0.404 | | mg/L | | 101 | 80 - 120 |

Lab Sample ID: 320-70683-5 MS
Matrix: Water
Analysis Batch: 468600

Client Sample ID: MW-7.2-030221
Prep Type: Dissolved
Prep Batch: 467350

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|-----------------|
| Arsenic | ND | | 0.400 | 0.408 | | mg/L | | 102 | 80 - 120 |

Lab Sample ID: 320-70683-5 MSD
Matrix: Water
Analysis Batch: 468600

Client Sample ID: MW-7.2-030221
Prep Type: Dissolved
Prep Batch: 467350

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|---------|------------------|---------------------|----------------|---------------|------------------|------|---|------|-----------------|-----|-------|
| Arsenic | ND | | 0.400 | 0.407 | | mg/L | | 102 | 80 - 120 | 0 | 15 |

QC Association Summary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

GC/MS VOA

Analysis Batch: 351399

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 320-70683-11 | GP-TB-1-030121 | Total/NA | Water | 8260B | |
| MB 580-351399/7 | Method Blank | Total/NA | Water | 8260B | |
| LCS 580-351399/4 | Lab Control Sample | Total/NA | Water | 8260B | |
| LCSD 580-351399/5 | Lab Control Sample Dup | Total/NA | Water | 8260B | |

Analysis Batch: 351407

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 320-70683-2 | MW-6.7-030121 | Total/NA | Water | 8260B | |
| 320-70683-3 | MW-6.10-030121 | Total/NA | Water | 8260B | |
| 320-70683-10 | GP-EB-1-030221 | Total/NA | Water | 8260B | |
| 320-70683-12 | GP-PDB-BLANK-030121 | Total/NA | Water | 8260B | |
| MB 580-351407/7 | Method Blank | Total/NA | Water | 8260B | |
| LCS 580-351407/4 | Lab Control Sample | Total/NA | Water | 8260B | |
| LCSD 580-351407/5 | Lab Control Sample Dup | Total/NA | Water | 8260B | |

Analysis Batch: 468986

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|---------------------|------------|
| 320-70683-1 | MW-5.20-030121 | Total/NA | Water | 8260B/CA_LUFT MS | |
| 320-70683-10 | GP-EB-1-030221 | Total/NA | Water | 8260B/CA_LUFT MS | |
| MB 320-468986/10 | Method Blank | Total/NA | Water | 8260B/CA_LUFT MS | |
| LCS 320-468986/7 | Lab Control Sample | Total/NA | Water | 8260B/CA_LUFT MS | |
| LCSD 320-468986/8 | Lab Control Sample Dup | Total/NA | Water | 8260B/CA_LUFT MS | |

GC Semi VOA

Prep Batch: 467795

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|--------------------|--------|-----------|------------|
| 320-70683-1 | MW-5.20-030121 | Silica Gel Cleanup | Water | 3510C SGC | |
| 320-70683-10 | GP-EB-1-030221 | Silica Gel Cleanup | Water | 3510C SGC | |
| MB 320-467795/1-A | Method Blank | Silica Gel Cleanup | Water | 3510C SGC | |
| LCS 320-467795/2-A | Lab Control Sample | Silica Gel Cleanup | Water | 3510C SGC | |
| LCSD 320-467795/3-A | Lab Control Sample Dup | Silica Gel Cleanup | Water | 3510C SGC | |

Analysis Batch: 468777

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|--------------------|--------|--------|------------|
| 320-70683-1 | MW-5.20-030121 | Silica Gel Cleanup | Water | 8015B | 467795 |
| 320-70683-10 | GP-EB-1-030221 | Silica Gel Cleanup | Water | 8015B | 467795 |
| MB 320-467795/1-A | Method Blank | Silica Gel Cleanup | Water | 8015B | 467795 |
| LCS 320-467795/2-A | Lab Control Sample | Silica Gel Cleanup | Water | 8015B | 467795 |
| LCSD 320-467795/3-A | Lab Control Sample Dup | Silica Gel Cleanup | Water | 8015B | 467795 |

Metals

Prep Batch: 467350

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 320-70683-4 | MW-7.1-030221 | Dissolved | Water | 3005A | |
| 320-70683-5 | MW-7.2-030221 | Dissolved | Water | 3005A | |
| 320-70683-6 | MW-7.3-030221 | Dissolved | Water | 3005A | |

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QC Association Summary

Client: Kennedy/Jenks Consultants
 Project/Site: Fort Bragg

Job ID: 320-70683-1

Metals (Continued)

Prep Batch: 467350 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 320-70683-8 | GP-DUP-1-030221 | Dissolved | Water | 3005A | |
| 320-70683-9 | GP-DUP-2-030221 | Dissolved | Water | 3005A | |
| 320-70683-10 | GP-EB-1-030221 | Dissolved | Water | 3005A | |
| MB 320-467350/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 320-467350/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| 320-70683-5 MS | MW-7.2-030221 | Dissolved | Water | 3005A | |
| 320-70683-5 MSD | MW-7.2-030221 | Dissolved | Water | 3005A | |

Analysis Batch: 468600

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 320-70683-4 | MW-7.1-030221 | Dissolved | Water | 6020 | 467350 |
| 320-70683-5 | MW-7.2-030221 | Dissolved | Water | 6020 | 467350 |
| 320-70683-6 | MW-7.3-030221 | Dissolved | Water | 6020 | 467350 |
| 320-70683-8 | GP-DUP-1-030221 | Dissolved | Water | 6020 | 467350 |
| 320-70683-9 | GP-DUP-2-030221 | Dissolved | Water | 6020 | 467350 |
| 320-70683-10 | GP-EB-1-030221 | Dissolved | Water | 6020 | 467350 |
| MB 320-467350/1-A | Method Blank | Total Recoverable | Water | 6020 | 467350 |
| LCS 320-467350/2-A | Lab Control Sample | Total Recoverable | Water | 6020 | 467350 |
| 320-70683-5 MS | MW-7.2-030221 | Dissolved | Water | 6020 | 467350 |
| 320-70683-5 MSD | MW-7.2-030221 | Dissolved | Water | 6020 | 467350 |



Lab Chronicle

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Client Sample ID: MW-5.20-030121

Lab Sample ID: 320-70683-1

Date Collected: 03/01/21 18:00

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|--------------------|------------|------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B/CA_LUFTV S | | 1 | 50 mL | 50 mL | 468986 | 03/10/21 17:16 | AP1 | TAL SAC |
| Silica Gel Cleanup | Prep | 3510C SGC | | | 1050.1 mL | 3 mL | 467795 | 03/05/21 10:03 | JFA | TAL SAC |
| Silica Gel Cleanup | Analysis | 8015B | | 1 | | | 468777 | 03/10/21 06:27 | K1D | TAL SAC |

Client Sample ID: MW-6.7-030121

Lab Sample ID: 320-70683-2

Date Collected: 03/01/21 16:55

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 351407 | 03/08/21 14:39 | T1W | TAL SEA |

Client Sample ID: MW-6.10-030121

Lab Sample ID: 320-70683-3

Date Collected: 03/01/21 16:35

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 351407 | 03/08/21 15:03 | T1W | TAL SEA |

Client Sample ID: MW-7.1-030221

Lab Sample ID: 320-70683-4

Date Collected: 03/02/21 08:09

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 467350 | 03/04/21 09:40 | GSH | TAL SAC |
| Dissolved | Analysis | 6020 | | 1 | | | 468600 | 03/09/21 02:49 | DPM | TAL SAC |

Client Sample ID: MW-7.2-030221

Lab Sample ID: 320-70683-5

Date Collected: 03/02/21 10:55

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 467350 | 03/04/21 09:40 | GSH | TAL SAC |
| Dissolved | Analysis | 6020 | | 1 | | | 468600 | 03/09/21 02:52 | DPM | TAL SAC |

Client Sample ID: MW-7.3-030221

Lab Sample ID: 320-70683-6

Date Collected: 03/02/21 08:38

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 467350 | 03/04/21 09:40 | GSH | TAL SAC |
| Dissolved | Analysis | 6020 | | 1 | | | 468600 | 03/09/21 03:19 | DPM | TAL SAC |

Lab Chronicle

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Client Sample ID: GP-DUP-1-030221

Lab Sample ID: 320-70683-8

Date Collected: 03/02/21 11:00

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 467350 | 03/04/21 09:40 | GSH | TAL SAC |
| Dissolved | Analysis | 6020 | | 1 | | | 468600 | 03/09/21 03:22 | DPM | TAL SAC |

Client Sample ID: GP-DUP-2-030221

Lab Sample ID: 320-70683-9

Date Collected: 03/02/21 08:43

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 467350 | 03/04/21 09:40 | GSH | TAL SAC |
| Dissolved | Analysis | 6020 | | 1 | | | 468600 | 03/09/21 03:26 | DPM | TAL SAC |

Client Sample ID: GP-EB-1-030221

Lab Sample ID: 320-70683-10

Date Collected: 03/02/21 12:30

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|--------------------|------------|------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 351407 | 03/08/21 13:49 | T1W | TAL SEA |
| Total/NA | Analysis | 8260B/CA_LUFTV S | | 1 | 50 mL | 50 mL | 468986 | 03/10/21 17:39 | AP1 | TAL SAC |
| Silica Gel Cleanup | Prep | 3510C SGC | | | 1047.4 mL | 3 mL | 467795 | 03/05/21 10:03 | JFA | TAL SAC |
| Silica Gel Cleanup | Analysis | 8015B | | 1 | | | 468777 | 03/10/21 06:55 | K1D | TAL SAC |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 467350 | 03/04/21 09:40 | GSH | TAL SAC |
| Dissolved | Analysis | 6020 | | 1 | | | 468600 | 03/09/21 03:29 | DPM | TAL SAC |

Client Sample ID: GP-TB-1-030121

Lab Sample ID: 320-70683-11

Date Collected: 03/01/21 16:15

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 351399 | 03/08/21 11:37 | K1G | TAL SEA |

Client Sample ID: GP-PDB-BLANK-030121

Lab Sample ID: 320-70683-12

Date Collected: 03/01/21 16:20

Matrix: Water

Date Received: 03/02/21 17:17

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 351407 | 03/08/21 14:14 | T1W | TAL SEA |

Laboratory References:

SC0046 = North Coast Laboratories LTD, 5680 West End Road, Arcata, CA 95521

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|------------|---------|-----------------------|-----------------|
| California | State | 2897 | 02-01-23 |

Laboratory: Eurofins TestAmerica, Seattle

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|--------------------|-----------------------|-----------------------|-----------------|
| Alaska (UST) | State | 17-024 | 03-16-21 |
| ANAB | Dept. of Defense ELAP | L2236 | 01-19-22 |
| ANAB | ISO/IEC 17025 | L2236 | 01-19-22 |
| California | State | 2901 | 11-05-21 |
| Montana (UST) | State | NA | 04-13-21 |
| Oregon | NELAP | WA100007 | 11-05-21 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-21 |
| USDA | US Federal Programs | P330-20-00031 | 02-10-23 |
| Washington | State | C553 | 02-17-22 |



Method Summary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

| Method | Method Description | Protocol | Laboratory |
|-----------------|--|----------|------------|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | TAL SEA |
| 8260B/CA_LUFTMS | Volatile Organic Compounds by GC/MS | SW846 | TAL SAC |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | TAL SAC |
| 6020 | Metals (ICP/MS) | SW846 | TAL SAC |
| Subcontract | Atrazine 619 | None | SC0046 |
| 3005A | Preparation, Total Recoverable or Dissolved Metals | SW846 | TAL SAC |
| 3510C SGC | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | TAL SAC |
| 5030B | Purge and Trap | SW846 | TAL SAC |
| 5030B | Purge and Trap | SW846 | TAL SEA |

Protocol References:

None = None

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

Laboratory References:

SC0046 = North Coast Laboratories LTD, 5680 West End Road, Arcata, CA 95521

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Kennedy/Jenks Consultants
Project/Site: Fort Bragg

Job ID: 320-70683-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|---------------------|--------|----------------|----------------|----------|
| 320-70683-1 | MW-5.20-030121 | Water | 03/01/21 18:00 | 03/02/21 17:17 | |
| 320-70683-2 | MW-6.7-030121 | Water | 03/01/21 16:55 | 03/02/21 17:17 | |
| 320-70683-3 | MW-6.10-030121 | Water | 03/01/21 16:35 | 03/02/21 17:17 | |
| 320-70683-4 | MW-7.1-030221 | Water | 03/02/21 08:09 | 03/02/21 17:17 | |
| 320-70683-5 | MW-7.2-030221 | Water | 03/02/21 10:55 | 03/02/21 17:17 | |
| 320-70683-6 | MW-7.3-030221 | Water | 03/02/21 08:38 | 03/02/21 17:17 | |
| 320-70683-7 | MW-9.2-030221 | Water | 03/02/21 12:04 | 03/02/21 17:17 | |
| 320-70683-8 | GP-DUP-1-030221 | Water | 03/02/21 11:00 | 03/02/21 17:17 | |
| 320-70683-9 | GP-DUP-2-030221 | Water | 03/02/21 08:43 | 03/02/21 17:17 | |
| 320-70683-10 | GP-EB-1-030221 | Water | 03/02/21 12:30 | 03/02/21 17:17 | |
| 320-70683-11 | GP-TB-1-030121 | Water | 03/01/21 16:15 | 03/02/21 17:17 | |
| 320-70683-12 | GP-PDB-BLANK-030121 | Water | 03/01/21 16:20 | 03/02/21 17:17 | |



**NORTH COAST
LABORATORIES LTD.**

March 18, 2021

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
Sacramento, CA 95605

Attn: Afsaneh Salimpour

RE: 32016037 Fort Bragg

Order No.: 2103097
Invoice No.: 157633
PO No.: NOT PROVIDED
ELAP No.1247-Expires July 2021

SAMPLE IDENTIFICATION

| Fraction | Client Sample Description |
|----------|-------------------------------|
| 01A | MW-9.2-030221 (320-70683-7) |
| 02A | GP-EB-1-030221 (320-70683-10) |

ND = Not Detected at the Reporting Limit
Limit = Reporting Limit
Flag = Explanation in Case Narrative
All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 18-Mar-2021
WorkOrder: 2103097

CASE NARRATIVE

EPA 619:

The surrogate recovery was above the upper acceptance limit in the method blank, laboratory control sample duplicate, matrix spike, and samples "MW-9.2-030221 (320-70683-7)" and "GP-EB-1-030221 (320-70683-10)". The target analyte was not detected in either sample and the data were accepted.

The relative percent difference (RPD) between the surrogate in the laboratory control sample was above the acceptance limit. Since there were no detectable levels of analyte in the sample, the data were accepted.

Date: 18-Mar-2021**WorkOrder:** 2103097**ANALYTICAL REPORT****Client Sample ID:** MW-9.2-030221 (320-70683-7)**Received:** 3/4/2021**Lab ID:** 2103097-01A**Collected:** 3/2/2021 12:04**Test Name:** Triazine Pesticides**Reference:** EPA 619

| <u>Parameter</u> | <u>Result</u> | <u>Flag</u> | <u>Limit</u> | <u>Units</u> | <u>DF</u> | <u>Prepared</u> | <u>Analyzed</u> |
|-------------------------------|---------------|-------------|--------------|--------------|-----------|-----------------|-----------------|
| Atrazine | ND | | 0.50 | µg/L | 1.0 | 03/09/2021 | 3/16/2021 |
| Surrogate: Triphenylphosphate | 144 | | 51.5-116 | % Rec | 1.0 | 03/09/2021 | 3/16/2021 |

Client Sample ID: GP-EB-1-030221 (320-70683-10)**Received:** 3/4/2021**Lab ID:** 2103097-02A**Collected:** 3/2/2021 12:30**Test Name:** Triazine Pesticides**Reference:** EPA 619

| <u>Parameter</u> | <u>Result</u> | <u>Flag</u> | <u>Limit</u> | <u>Units</u> | <u>DF</u> | <u>Prepared</u> | <u>Analyzed</u> |
|-------------------------------|---------------|-------------|--------------|--------------|-----------|-----------------|-----------------|
| Atrazine | ND | | 0.50 | µg/L | 1.0 | 03/09/2021 | 3/16/2021 |
| Surrogate: Triphenylphosphate | 141 | | 51.5-116 | % Rec | 1.0 | 03/09/2021 | 3/16/2021 |

North Coast Laboratories, Ltd.

Date: 3/18/2021

CLIENT: Eurofins TestAmerica, Sacramento**Work Order:** 2103097**Project:** 32016037 Fort Bragg**QC SUMMARY REPORT**

Method Blank

| Analyte | Result | Limit | SPK value | SPK Ref Val | % Rec | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-------------------------------|--------|-------|-----------|-------------|-------|----------|-----------|-------------|------|----------|------|
| Atrazine | ND | 0.50 | | | | | | | | | |
| Surrogate: Triphenylphosphate | 1.21 | 0.10 | 1.00 | 0 | 121% | 52 | 116 | 0 | | | S |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

North Coast Laboratories, Ltd.

Date: 3/18/2021

CLIENT: Eurofins TestAmerica, Sacramento**Work Order:** 2103097**Project:** 32016037 Fort Bragg**QC SUMMARY REPORT**

Sample Matrix Spike

| Analyte | Result | Limit | SPK value | SPK Ref Val | % Rec | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-------------------------------|--------|-------|-----------|-------------|-------|----------|-----------|-------------|------|----------|------|
| Atrazine | 2.470 | 0.50 | 2.50 | 0 | 98.8% | 54 | 111 | 0 | | | |
| Surrogate: Triphenylphosphate | 1.43 | 0.10 | 1.00 | 0 | 143% | 52 | 116 | 0 | | | S |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

North Coast Laboratories, Ltd.

Date: 3/18/2021

CLIENT: Eurofins TestAmerica, Sacramento
Work Order: 2103097
Project: 32016037 Fort Bragg

QC SUMMARY REPORT
 Laboratory Control Spike

| Analyte | Result | Limit | SPK value | SPK Ref Val | % Rec | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|--------|-------|-----------|-------------|-------|----------|-----------|-------------|-------|----------|------|
| Sample ID: LCS-39514 Batch ID: 39514 Test Code: 619W Units: µg/L Analysis Date 3/16/2021 8:07:21 PM Prep Date: 3/9/2021 Client ID: Run ID: ORGC13_210316A SeqNo: 1513232 | | | | | | | | | | | |
| Atrazine | 1.443 | 0.50 | 2.50 | 0 | 57.7% | 54 | 111 | 0 | | | |
| Surrogate: Triphenylphosphate | 0.959 | 0.10 | 1.00 | 0 | 95.9% | 52 | 116 | 0 | | | |
| Sample ID: LCSD-39514 Batch ID: 39514 Test Code: 619W Units: µg/L Analysis Date 3/16/2021 8:47:55 PM Prep Date: 3/9/2021 Client ID: Run ID: ORGC13_210316A SeqNo: 1513233 | | | | | | | | | | | |
| Atrazine | 1.898 | 0.50 | 2.50 | 0 | 75.9% | 54 | 111 | 1.44 | 27.2% | 30 | |
| Surrogate: Triphenylphosphate | 1.49 | 0.10 | 1.00 | 0 | 149% | 52 | 116 | 0.959 | 43.3% | 30 | SR |

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

Eurofins TestAmerica, Sacramento

880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record



| | | | | | | | | | | | |
|---|--|----------------------------------|--|--|--|--|--|--|--|-----------------------------------|--|
| Client Information (Sub Contract Lab) | | Lab PM: Salimpour, Afsaneh F | | Carrier Tracking No(s): | | COC No: 320-214219.1 | | | | | |
| Client Contact: Shipping/Receiving | | Phone: | | E-Mail: Afsaneh.Salimpour@Eurofinset.com | | Page: Page 1 of 1 | | | | | |
| Company: North Coast Laboratories LTD | | Due Date Requested: 3/23/2021 | | Accreditations Required (See note): State - California | | Job #: 320-70683-1 | | | | | |
| Address: 5680 West End Road, | | TAT Requested (days): | | Analysis Requested | | | | Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acelone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) | | | |
| City: Arcata | | PO #: | | | | | | | | | |
| State, Zip: CA, 95521 | | WO #: | | Field Filtered Sample (Yes or No): | | Total Number of containers | | Special Instructions/Note: | | | |
| Project Name: Frott Bragg | | Project #: 32016037 | | Perform MS/MSD (Yes or No): | | SUB (Atrazine 619)/Atrazine 619 | | | | | |
| Site: | | SSOW#: | | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | | Sample Time | | Sample Type (C=comp, G=grab) | | Preservation Code: | | Total Number of containers | |
| MW-9.2-030221 (320-70683-7) | | 3/2/21 | | 12:04 Pacific | | Water | | X | | 2 | |
| GP-EB-1-030221 (320-70683-10) | | 3/2/21 | | 12:30 Pacific | | Water | | X | | 2 | |
| <p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p> | | | | | | | | | | | |
| Possible Hazard Identification | | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | |
| Unconfirmed | | | | | | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | |
| Deliverable Requested: I, II, III, IV, Other (specify) | | | | | | Special Instructions/QC Requirements: | | | | | |
| Empty Kit Relinquished by: | | | | | | Method of Shipment: | | | | | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | |
| Custody Seals Intact: | | Custody Seal No.: | | Cooler Temperature(s) °C and Other Remarks: | | | | | | | |
| Δ Yes Δ No | | | | 3.8°C d.n.a | | | | | | | |

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15
16

3.8°C

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 21030180-1

CLIENT Georgia Pacific

SITE Fort Bragg - Georgia Pacific Property
 Fort Bragg, CA

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | |
|---------------|------------------------------|------|--------|----------------|------------------|
| | | | | WEIGHT OF SOIL | TOTAL |
| TYPE | C = COMPOSITE ALL CONTAINERS | | | | |
| MW-5.5 | | | W | 5 | HCL NP |
| MW-5.20-0307 | 03/07/21 | 1800 | W | 5 | HCL NP |
| MW-6.7-0310 | 03/10/21 | 1655 | W | 18 | HCL VOAS |
| MW-6.10-0310 | 03/10/21 | 1635 | W | 6 | HCL VOAS |
| MW-7.1-0307 | 03/07/21 | 0809 | W | 1 | HNO3 |
| MW-7.2-0307 | 03/07/21 | 1055 | W | 340 | HNO3 |
| MW-7.3-0307 | 03/07/21 | 0838 | W | 1 | HNO3 |
| MW-9.2-0307 | 03/07/21 | 0813 | W | 2 | NP |
| GP-DUP-1-0307 | 03/07/21 | 1100 | W | 1 | HNO3 HCL VOAS |
| GP-DUP-2-0307 | 03/07/21 | 0843 | W | 1 | HNO3 |

SAMPLING PERFORMED BY Ben Diefenbacher

RELEASED BY [Signature] DATE 03/07/21 TIME 1730

RECEIVED BY [Signature] DATE 03/07/21 TIME 1745

RECEIVED BY [Signature] DATE 03/02/21 TIME 1655

RECEIVED BY [Signature] DATE 3/2/21 TIME 1717

SHIPPED VIA [Signature] DATE SENT 3/2/21 TIME SENT 1717

COOLER #

LAB: **Test America - West Sacramento** DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA RWQCB REGION
 LIA
 OTHER

Client Name/Address:
 Rachel Morgan - Kennedy Jenks
 275 Battery Street, Suite 550
 San Francisco, CA 94111
 (415) 243-2150 / rachelmorgan@kennedyjenks.com

*Dissolved Metals have been field filtered
 *Report vinyl chloride to MDL 0.020 ug/L
 *1,1-DCA, 1,1-DCE, PCE, TCE, VC only

| ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------------|--------|-----------|--------------|
| | | | <u>BD</u> |
| <u>MSMSD-6D</u> | | | |
| <u>MS/MSD</u> | | | |



| CONDUCT ANALYSIS TO DETECT | DATE | TIME | RECEIVED BY |
|----------------------------|------|------|-------------|
| Dissolved Arsenic (6020)* | | | |
| TPH-G (8260B) | | | |
| TPH-D w/SGC (8015B/3630C) | | | |
| VOCs (low level 8260B)* | | | |
| Atrazine (619) | | | |

RESULTS NEEDED NO LATER THAN

DATE 3/02/21 TIME 1245

DATE 3/2/21 TIME 1655

DATE 3/2/21 TIME 1717

x6 Container - D4 3/2/21



Login Sample Receipt Checklist

Client: Kennedy/Jenks Consultants

Job Number: 320-70683-1

Login Number: 70683

List Number: 1

Creator: Her, David A

List Source: Eurofins TestAmerica, Sacramento

| 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. | N/A | |
| 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 <math><6\text{mm}</math> (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

Login Sample Receipt Checklist

Client: Kennedy/Jenks Consultants

Job Number: 320-70683-1

Login Number: 70683
List Number: 2
Creator: Hobbs, Kenneth F

List Source: Eurofins TestAmerica, Seattle
List Creation: 03/04/21 01:33 PM

| Question | Answer | Comment |
|---|--------|---------|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | N/A | |
| 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 <math><6\text{mm}</math> (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |



Appendix E

Data Review

DATA VALIDATION SUMMARY

Fort Bragg Sawmill-GP

| Laboratory Reports included in Data Validation | Dates | Sample IDs |
|---|---|---|
| Laboratory: Test America, West Sacramento, TestAmerica, Seattle SDG: 320-70683-1 Analyses: CATPH-G, Metals, TPH-SG, VOCs | Report Date: 3/23/2021 Sample Dates: 3/1/2021-3/2/2021 Validation Date: 3/23/2021 | Aqueous Samples: MW-5.20-030121, MW-6.10-030121, MW-6.7-030121, MW-7.1-030221, MW-7.2-030221, MW-7.3-030221 Field Duplicates: GP-DUP-1-030221 (duplicate of MW-7.2-030221), GP-DUP-2-030221 (duplicate of MW-7.3-030221) Equipment Blank: GP-EB-1-030221, GP-PDB-BLANK-030121 Trip Blank: GP-TB-1-030121 |

| Criteria | (Yes or No) | Comment |
|---|-------------|----------|
| <u>Chain-of-Custody (COC)</u> – Chain-of-custody protocol followed? | No | See Note |
| <u>Temperature Blank</u> – Sample temperature criteria met? | Yes | |
| <u>Holding times</u> – Samples analyzed within specified holding time? | Yes | |
| <u>Laboratory method blank samples</u> – Analytes present in method blank samples? | Yes | See Note |
| <u>Field/Equipment blank samples</u> – Analytes present in field/equipment blank samples? | Yes | See Note |
| <u>Trip blank samples</u> – Analytes present in trip blank samples? | No | |
| <u>Matrix Spikes (MS)/Matrix Spike Duplicate (MSD) samples</u> – Control limits met? | No | |
| <u>Surrogate percent recoveries</u> – Control limits met? | No | See Note |
| <u>Laboratory Control Sample (LCS)</u> – Control limits met? | Yes | |
| <u>Laboratory duplicate samples (if applicable)</u> – Control limits met? | Yes | See Note |
| <u>Field duplicate samples (if submitted)</u> – Relative percent differences within control limits? | No | See Note |
| <u>Other Issues?</u> | No | |

COC Note: Chain of Custody (COC) listed sample MW-6.7-030121 as having 18 containers, however, the laboratory only received 6. The container count was logged in according to containers received. No action taken.

An MS/MSD was indicated on chain of custody (COC) for sample MW-6.7-030121 method 8260B, however, analysis was switched to a different sample MW-7.2-030221 method 6020 due to concerns with sample volume. No action taken.

Method Blank Note: Gasoline Range Organics (GRO) C4-C12 were detected in the method blank in batch 468986 at 35.9J ug/L. The associated sample MW-5.20-030121 was not detected, no action taken.

Diesel Range Organics (C10-C28) were detected in the method blank in batch 468777 at 19.1J ug/L. The associated samples MW-5.20-030121 and GP-EB-1-030221 were detected less than 5x the method blank concentration, qualified as non-detect, U, at the reporting limit.

Field Blank Note: Diesel Range Organics (C10-C28) were detected in field blank sample GP-EB-1-030221 at 18J ug/L. The field blank sample was qualified as non-detect based on the method blank, no additional action taken.

Surrogate Recovery Note: Client Sample ID: MW-9.2-030221 Lab Sample ID: 320-70683-7 Method: Triazine Pesticides Triphenylphosphate was recovered above the laboratory acceptance criteria at 144%. The associated sample was not detected, no action taken.

Lab Duplicate Note: Not applicable

Field Duplicate Note: The RPD for the duplicate pair MW-7.2-030221 and GP-DUP-1-020221 was 0%. The results for Arsenic consisted of a detect and non-detect pair with the detection being <2x the reporting limit, no action taken.

The RPD for the duplicate pair MW-7.3-030221 and GP-DUP-2-020221 was 2.25%. The RPD was within acceptance limits, no action taken.

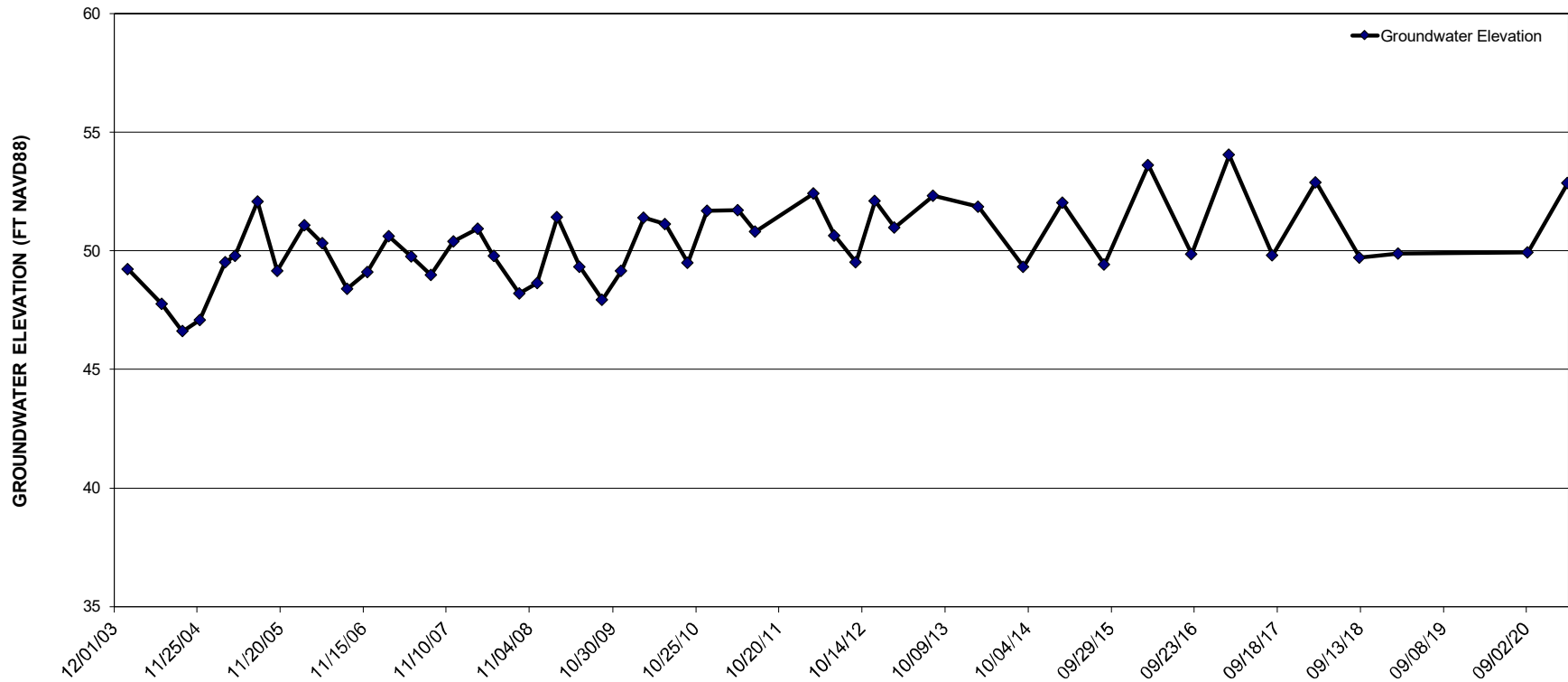
SUMMARY

Overall, the findings with respect to the quality assurance/quality control (QA/QC) data do not adversely affect the use of the analytical results.

Appendix F

Hydrographs and Concentration Trends

Groundwater Elevation

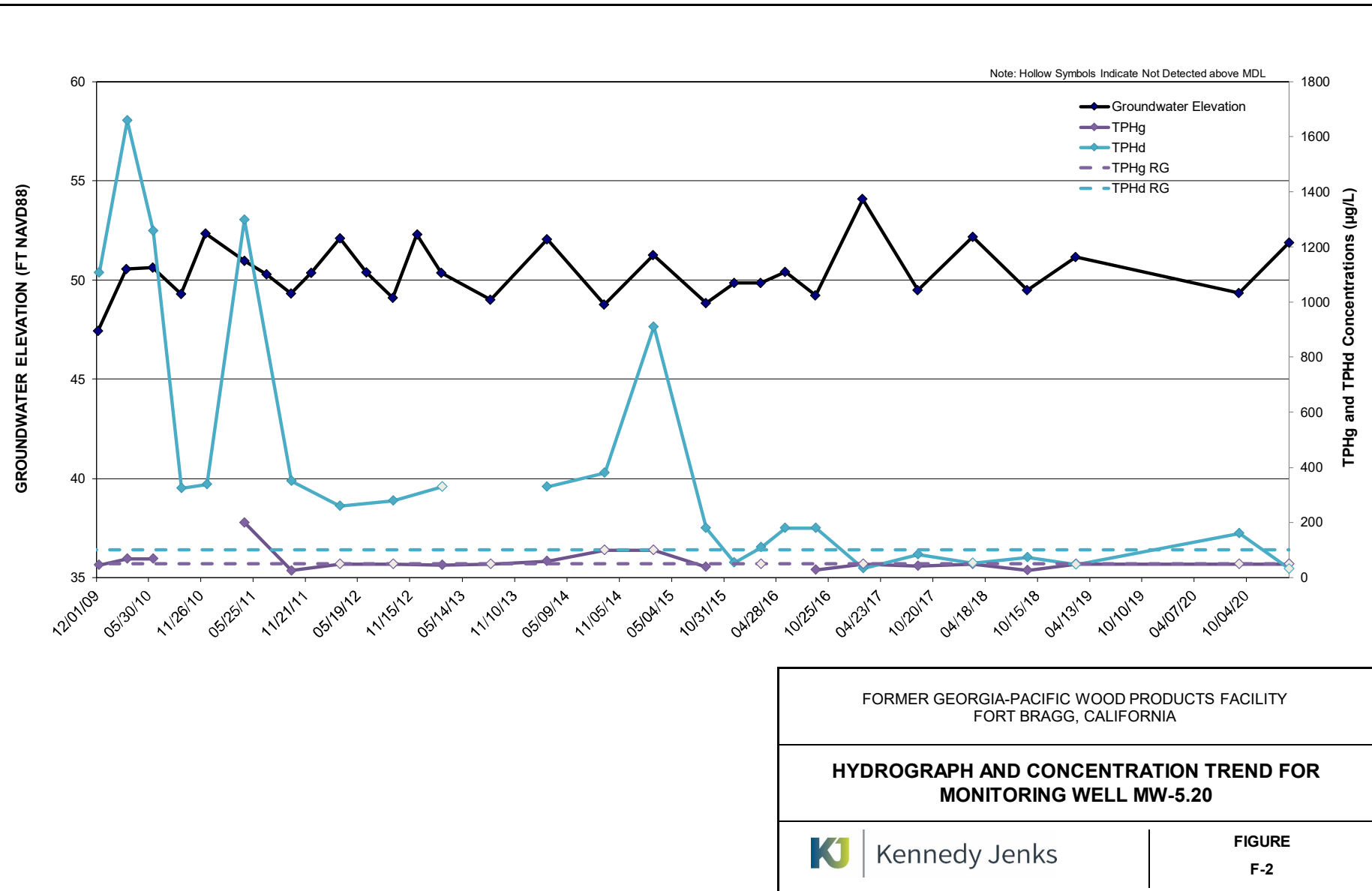


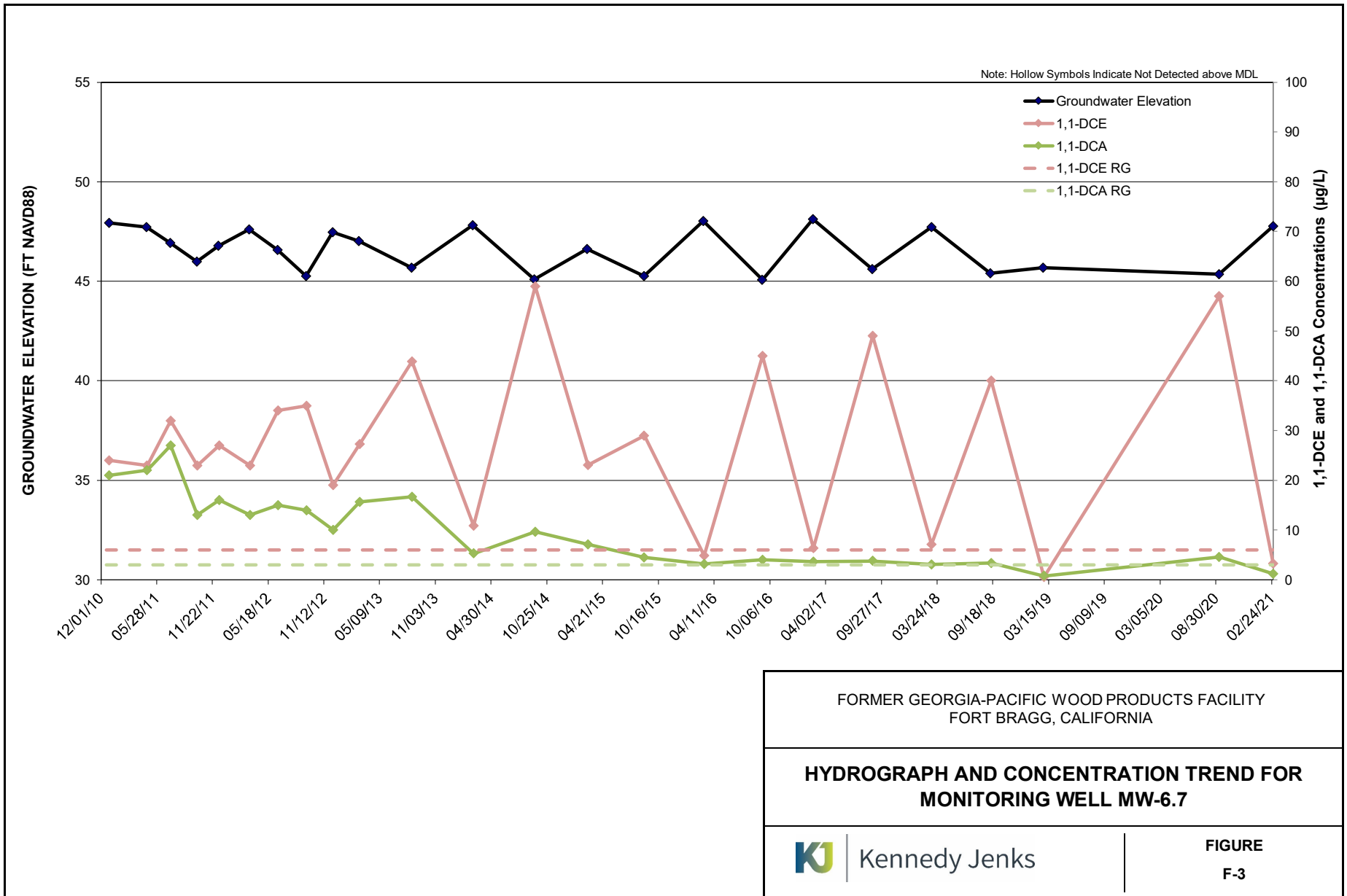
FORMER GEORGIA-PACIFIC WOOD PRODUCTS FACILITY
FORT BRAGG, CALIFORNIA

HYDROGRAPH AND CONCENTRATION TREND FOR MONITORING WELL MW-5.5




FIGURE
F-1





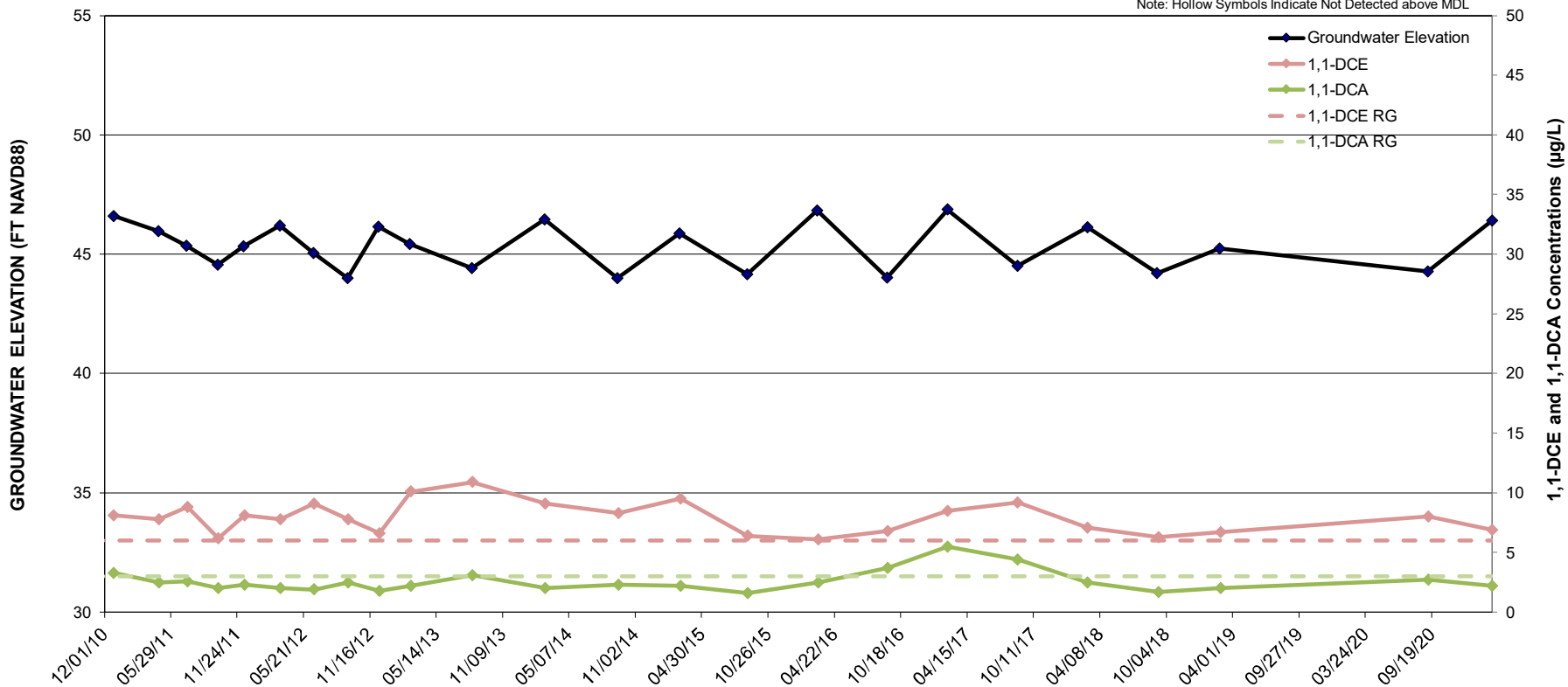
FORMER GEORGIA-PACIFIC WOOD PRODUCTS FACILITY
FORT BRAGG, CALIFORNIA

**HYDROGRAPH AND CONCENTRATION TREND FOR
MONITORING WELL MW-6.7**

 Kennedy Jenks

**FIGURE
F-3**

Note: Hollow Symbols Indicate Not Detected above MDL

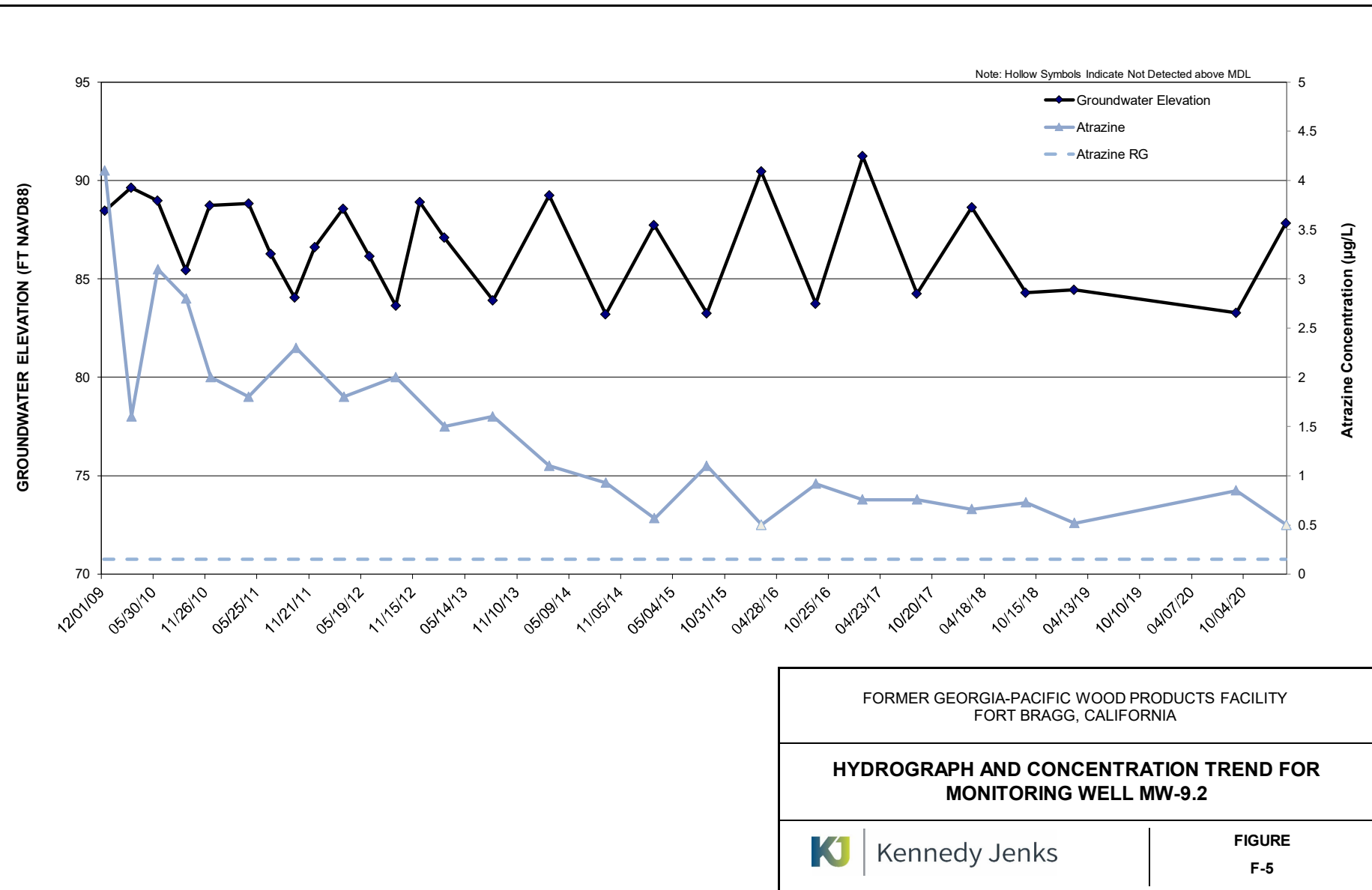


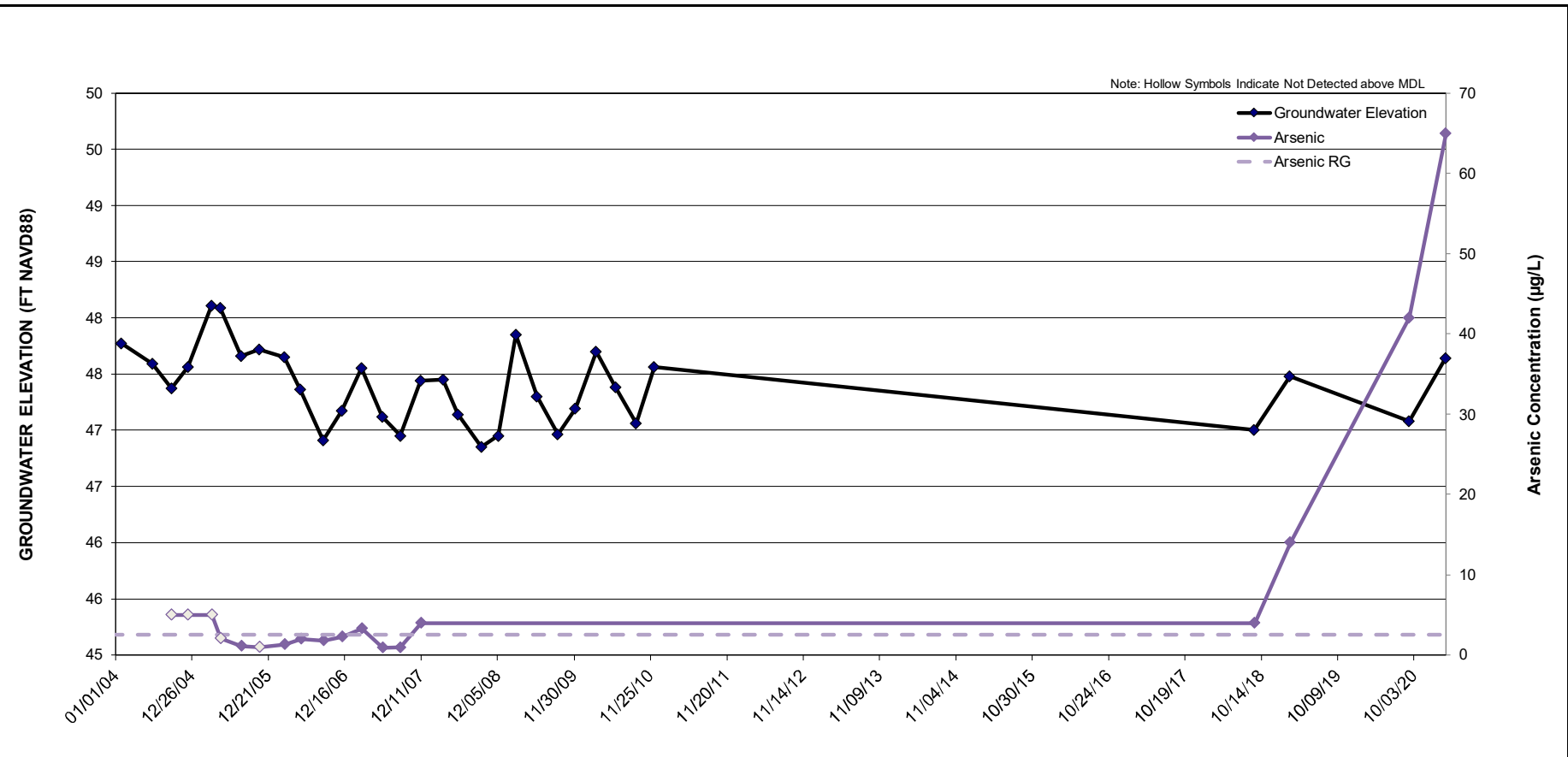
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FORT BRAGG, CALIFORNIA

**HYDROGRAPH AND CONCENTRATION TREND FOR
MONITORING WELL MW-6.10**

KJ Kennedy Jenks


FIGURE
F-4



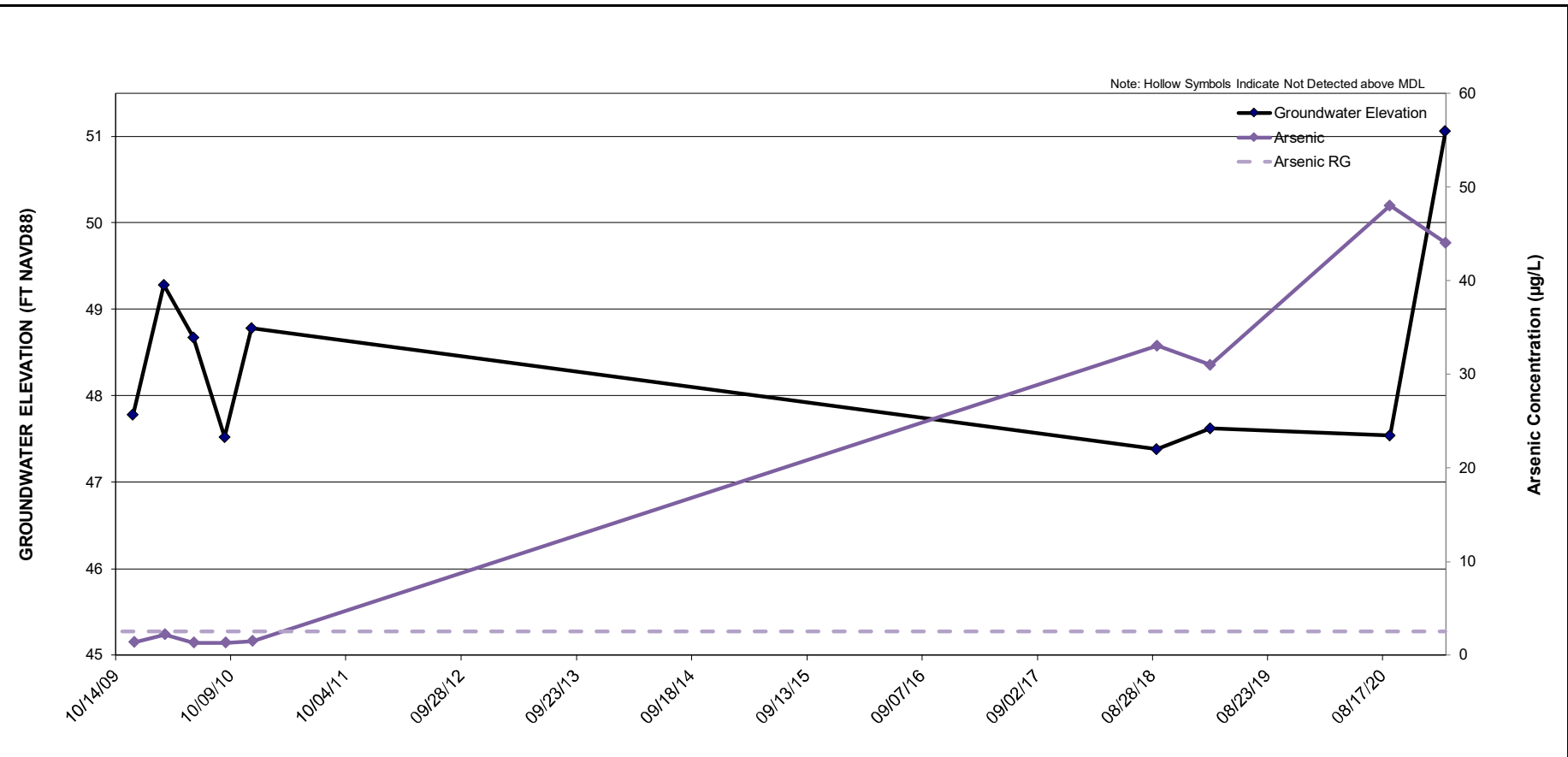


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**HYDROGRAPH AND CONCENTRATION TREND FOR
MONITORING WELL MW-7.1**

 Kennedy Jenks

**FIGURE
F-6**



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**HYDROGRAPH AND CONCENTRATION TREND FOR
MONITORING WELL MW-7.3**

KJ | Kennedy Jenks

**FIGURE
F-7**