Western Refining Southwest, Inc.
A subsidiary of Marathon Petroleum Corporation
I-40 Exit 39
Jamestown, NM 87347

January 4, 2021

Mr. Kevin Pierard, Chief
New Mexico Environmental Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505

RE: Response to Disapproval
Investigation Work Plan No. 2 Area of Concern 35
Western Refining Southwest Inc., Gallup Refinery
EPA ID #NMD000333211
HWB-WRG-20-009

Dear Mr. Pierard,

Attached please find the response to comments contained in the New Mexico Environmental Department (NMED) Disapproval letter dated August 31, 2020.

If you have any questions or comments regarding the information contained herein, please do not hesitate to contact Mr. John Moore at (505) 722-0205.

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction of supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,
Marathon Petroleum Company LP, Gallup Refinery

Robert S. Hanks
Refinery General Manager

Western Refining Southwest, Inc.
A subsidiary of Marathon Petroleum Corporation
I-40 Exit 39
Jamestown, NM 87347

Enclosure

cc: D. Cobrain, NMED HWB
M. Suzuki, NMED HWB
C. Chavez, NMOCD
L. King, EPA Region 6
G. McCartney, Marathon Petroleum Corporation
J. Moore, Marathon Gallup Refinery
H. Jones, Trihydro Corporation

New Mexico Environmental Department (NMED) Comments:

NMED Comment 1:
In Section 2.1, *Main Truck Loading Rack Area*, page 2-1, the Permittee states, "[t]he well [MKTF-45] is measured as being 30.24 feet deep and has contained SPH since it was first gauged in 2014." The thickness of the separate phase hydrocarbon (SPH) column in well MKTF-45 is consistently greater than other wells in the vicinity. The screened interval of well MKTF-45 is unknown. It is not clear whether well MKTF-45 is screened differently than other nearby wells or an isolated hot spot is present near well MKTF-45. Propose to determine the screened interval of well MKTF-45 in the revised Work Plan.

In addition, well MKTF-17 is located approximately 50 feet downgradient from, and closest to, well MKTF-45. SPH thickness in well MKTF-17 is consistently less than that of well MKTF-45. The screened interval of well MKTF-17 is submerged below the water table and underestimates the SPH thickness. In order to evaluate SPH thickness more accurately, proposed to install a well at the location of well MKTF-17 to intercept the water table in the revised Work Plan.

Furthermore, Figure 6, *Proposed Sampling Locations*, depicts a proposed well approximately 200 feet west of well MKTF-17. Section 4.1, *AOC 35 Investigation*, page 4-2, states, "[t]he well is proposed to be located approximately midway between MKTF-17, which now contains SPH as a result of the gasoline release, and MKTF-33 that does not contain measurable SPH." The proposed well location is likely too far downgradient to evaluate the extent of SPH. Well MKTF-33 is referenced to determine the location of the proposed well. However, well MKTF-33 is located approximately 550 feet west of well MKTF-17 and concentrations of benzene, toluene, ethylbenzene, and xylenes have not been detected from the groundwater samples collected from the well. Therefore, well MKTF-33 must not be used to determine the proposed well location. Revise the location of the proposed well to be approximately 100 feet west of well MKTF-17.

Marathon Petroleum Company (MPC) Response 1:
This comment is acknowledged, and the report has been revised. Figure 6 has been renumbered to Figure 7 to account for additional document revisions.

NMED Comment 2:
In Section 2.1, *Main Truck Loading Rack Area*, page 2-2, the Permittee states, "[t]he sumps collect small spills that may occur on the loading rack concrete apron and de minimis volumes of product that drained from loading hoses." The locations are not identified in Figure 6. Identify the locations of the sumps in the revised figure.

MPC Response 2:
Figure 6 has been revised to include the locations of the sumps. The figure has also been renumbered to Figure 7 to account for additional document revisions.

NMED Comment 3:
In Section 2.1, *Main Truck Loading Rack Area*, page 2-2, the Permittee states, "[t]he concrete pads are cracked, particularly in the areas near the sumps." The referenced area is close to the loading rack and future releases may occur in the general vicinity. Cracked concrete pads will not prevent

released fuels from seeping into the soils. Propose to investigate beneath the cracked concrete pads in the revised Work Plan or to repair the damaged concrete.

MPC Response 3:
The Work Plan has been revised in Section 2.1, *Main Truck Loading Area*, and the cracked concrete pads will be repaired prior to the refinery being put back into service.

NMED Comment 4:
In Section 2.6, *Prior Investigation*, page 2-5, "one pint of a yellow/green dye (Spectroline Oil-Glo 44G Fluorescent yellow/green) [was] introduced into the sewer at the Crude Slop and Ethanol Unloading area (a short distance northwest of the main truck loading racks)… [and] [t]he green/yellow dye appeared to be present in nine wells [SB04, SB05, SB06 (MKTF-05), SB08 (MKTF-06), SB10 (MKTF-07), SB11 (MKTF-08), SB19 (MKTF-12), SB20 (MKTF-13), and SB21]…" and "one pint of red dye (FWT red dye) [was] introduced at the lab sinks… [and] [t]he red dye was identified in five of the temporary wells [SB01 (MKTF-03), SB02, SB16 (MKTF-10), SB17 (MKTF-11), and SB22 (MKTF-14)]…" The sewer line was leaking according to the result of the test. Provide an explanation on the current status of the sewer line in the revised Work Plan. If the sewer line has not been repaired, propose to repair it in the revised Work Plan.

MPC Response 4:
The current status of the sewer has not been confirmed. The Gallup Refinery is indefinitely idled at this time and the sewer is currently not in operation. In the future, and prior to the refinery starting back up, an assessment of the sewer will be completed and, if necessary, repairs will be made.

NMED Comment 5:
In Section 4.1, *AOC 35 Investigation*, page 4-1, the Permittee states, "[i]t is anticipated that the gasoline is likely pooled on top of this clay interval and to avoid providing a direct vertical conduit to lower permeable layers that the soil borings will be terminated in the clay." Section 2.5 discusses that SPH was detected or increased in several downgradient wells after the release was identified. The clay interval may have slowed the rate of SPH migration to the water bearing zone; however, it did not prevent it. Accordingly, the soils in the clay interval are likely contaminated by the released gasoline. SPH is likely pooled on top of the water table and also possibly on the clay interval. Propose to extend the soil borings to beneath the soil/groundwater interface in the revised Work Plan.

MPC Response 5:
The soil borings will be drilled beneath the soil/groundwater interface to the first encounter of the clay aquitard. When SPH is present, a sample will be collected and analyzed to determine the nature of contamination and identify the contaminants potential origin.

NMED Comment 6:
In Section 4.1, *AOC 35 Investigation*, page 4-1, the Permittee states, "[i]n addition to collection of soil samples, groundwater samples will also be collected from these locations if groundwater is encountered and SPH is not present." The area where the borings are proposed to be advanced may be contaminated with multiple historic hydrocarbon releases. Accordingly, if SPH is present, collect

SPH samples for fingerprint analysis to identify the nature of the contamination. Include the provision in the revised Work Plan.

MPC Response 6:
The revised Work Plan in Section 4.1, *AOC 35 Investigation*, has been changed to include SPH sampling if encountered in the proposed boring locations.

NMED Comment 7:
Section 4.2, *Soil Sample Field Screening and Logging*, pages 4-1 and 4-2, provides details on soil screening and laboratory sample collection methods, which is appropriate for the proposed soil borings. The proposed method must also apply to the soil boring to be converted to the groundwater monitoring well west of well MKTF-17. Clarify that the method also applies to the installation of the monitoring well in the revised Work Plan.

MPC Response 7:
Any new soil borings described under this work plan will follow the soil screening and laboratory sample collection methods as described in Section 4.2. This includes the proposed monitoring well west of well MKTF-17 as described in the revised Work Plan.

NMED Comment 8:
In Section 4.2, *Soil Sample Field Screening and Logging*, page 4-2, the Permittee states, "[f]ield duplicates will be collected at a rate of 10 percent." Even if the total number of samples is less than 10, at least one field duplicate sample must be collected. Include the provision in the revised Work Plan.

MPC Response 8:
The report has been revised to say, "[f]ield duplicate samples will be collected at a rate of 10 percent with a minimum of one field duplicate sample collected."

NMED Comment 9:
In Section 4.3, *Groundwater Sample Collection*, page 4-4, the Permittee states, "[s]ample handling and chain-of-custody procedures will be in accordance with the procedures presented below in Section 4.4.1." The Work Plan does not include a Section 4.4.1. The referenced section is Section 4.3.1. Correct the typographical error in the revised Work Plan.

MPC Response 9:
This comment is acknowledged. The typographical error has been revised in the resubmitted Work Plan.

NMED Comment 10:
In Section 4.6, *Chemical Analyses*, page 4-7, the Permittee states, "[g]roundwater and soil samples will be analyzed by the following methods: ▪ SW-846 Method 8260 for volatile organic compounds; ▪ SW-846 Method 8270 for semi-volatile organic compounds; and ▪ SW-846 Method 8015B gasoline range (C5-C10), diesel range (>C10-C28), and motor oil range (>C28-C36) organics."

According to the *2018 Annual Groundwater Monitoring Report*, dated September 2019, 1,2-dichloroethane (EDC) was detected from the groundwater samples collected from well MKTF-36 located approximately 50 feet downgradient of the Main Truck Loading Rack. Since EDC is a lead scavenger, 1,2-dibromoethane (EDB) may also be present at the pertinent area. Propose EDB analysis for the groundwater samples using an analytical method capable of detecting EDB at concentrations less than 0.004 micrograms per liter (e.g, EPA Method 8011) in the revised Work Plan.

In addition, chlorinated solvents have been detected in the groundwater samples collected from the pertinent wells. The New Mexico Water Quality Commission adopted revised regulations that listed 1,4-dioxane as a toxic pollutant on December 21, 2018. Proposed to analyze for 1,4-dioxane for the groundwater samples using EPA Method 8270 Selected Ion Monitoring (SIM) in the revised Work Plan.

MPC Response 10:
The additional analyses for EDB and 1,4-dioxane have been added to the revised Work Plan.

NMED Comment 11:
In Section 4.6, *Chemical Analyses*, page 4-8, the Permittee states, "[g]roundwater samples will also be analyzed for major anions (e.g., carbonated, bicarbonate, sulfate, fluoride, and chloride)." Nitrate and nitrite analyses were also included in the subsequent table titled as *Inorganic Analytical Method*, which is appropriate. The Permittee previously stated that laboratory nitrite analysis could not be carried out to due to its short holding time (i.e., 48 hours). Subsequently, NMED suggested the use of a field test kit to report separate nitrite concentrations. If laboratory nitrite analysis can be conducted, conduct nitrite analysis rather than field nitrite analysis as laboratory analysis is more accurate. Clarify whether nitrite analysis will be conducted using a field test kit or off-site laboratory analysis or both in the revised Work Plan.

MPC Response 11:
Nitrite analysis will be completed by the laboratory. The revised Work Plan includes the method for analysis.

NMED Comment 12:
In Section 4.7, *Data Quality Objectives*, page 4-9, the Permittee states, "[m]ethod detection limits should be 20% or less of the applicable background levels, cleanup standards and screening levels." The screening levels for total petroleum hydrocarbon diesel range organics (TPH-DRO) and oil range organics (TPH-MRO) are 85.8 µg/L. Previously, the detection limits were reported higher than the screening levels. The detection limits must be lower than the screening levels. Solicit analytical laboratories capable of achieving the detection limits lower than the screening levels and resolve this recurring issue. Otherwise, address the concentrations where the detection limits are higher as a data gap and include the discussion in the investigation report. Include the provision in the revised Work Plan.

MPC Response 12:

The reporting limit (RL) for TPH-DRO for the laboratory is 50 µg/L. This reduces the data gap for analysis of TPH-DRO. The lowest RL for TPH-MRO is 100 µg/L, however, the method detection limit (MDL) is 72 µg/L. The laboratory will report the analytical results to the MDL and will identify results that are above the MDL but below the RL with a J flag. This data will be reviewed during a Tier II data validation that will verify the validity of the results.

NMED Comment 13:
Figure 3, *Potentiometric Map*, Figure 4, *Benzene Concentration Map*, and Figure 5, *MTBE Concentration Map* use the data collected during the third quarter of 2017. The data collected is not relevant to the investigation. In the revised Work Plan, provide the figures that present the data collected before and after the October 27, 2019 release. In addition, provide diagrams that present SPH thickness in pertinent wells before and after the October 27, 2019 release in the revised Work Plan.

MPC Response 13:
Figures 3, 4, and 5 have been renumbered to Figures 3a, 3b, 4a, 4b, 5a, and 5c. These new figures include data from before and after the October 27, 2019 release.

Appendix A: Clean IWP Report

Investigation Work Plan No. 2
Area of Concern 35

Marathon Petroleum Company LP

Gallup Refinery
Marathon Petroleum Company, LP
Gallup, New Mexico

EPA ID# NMD000333211

FEBRUARY 2020

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Appendices

Appendix A Boring Logs

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Appendix C Well Development and Purging Procedures

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List of Acronyms

benzene, toluene, ethylbenzene, and xylene (BTEX)
Code of Federal Regulations (CFR)
Contract Laboratory Program (CLP)
data quality objective (DQO)
diesel range organics (DRO)
dilution attenuation factor (DAF)
Environmental Protection Agency (EPA)
investigation derived waste (IDW)
Maximum Contaminant Level (MCL)
mean sea level (msl)
monitoring well (MW)
motor oil range organics (MRO)
methyl tert butyl ether (MTBE)
New Mexico Administrative Code (NMAC)
New Mexico Environment Department (NMED)
New Mexico Oil Conservation Division (NMOCD)
photoionization detector (PID)
polynuclear aromatic hydrocarbon (PAH)
polyvinyl chloride (PVC)
quality assurance/quality control (QA/QC)
Resource Conservation and Recovery Act (RCRA)
separate-phase hydrocarbon (SPH)
semi-volatile organic compound (SVOC)
Solid Waste Management Unit (SWMU)
total petroleum hydrocarbon (TPH)
toxicity characteristic leaching procedure (TCLP)
volatile organic compound (VOC)

Executive Summary

The Gallup Refinery, which is located 17 miles east of Gallup, New Mexico, has been in operation since the 1950s. Pursuant to the terms and conditions of the facility Resource Conservation and Recovery Act (RCRA) Post-Closure Care Permit and 20.4.1.500 New Mexico Administrative Code, this Investigation Work Plan has been prepared for Area of Concern (AOC) 35. AOC 35 includes the main truck loading rack, crude slop and ethanol unloading facility, additive tank farm/loading rack, and the retail tank farm (Tanks 1 – 7, 912, 913, 1001, and 1002).

Groundwater samples collected from wells near the retail tank farm [also known as the marketing tank farm (MKTF)] (e.g., MKTF-07, -08, -09, -10, -16, and -18) have shown impacts from petroleum hydrocarbons, to include such constituents as benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert butyl ether (MTBE) above screening levels. Similar impacts also extent to the south near the main truck loading racks as shown in groundwater samples collected from this area. An Investigation Work Plan was prepared in July 2019 to investigate potential source areas that have in the past or are continuing to contribute to the observed groundwater impacts. Twenty-five soil borings were proposed to evaluate the presence of source areas. This included collection of soil samples from each boring and a groundwater sample if groundwater is encountered. In addition, two shallow permanent monitoring wells were to be installed to evaluate conditions in the perched groundwater zone previously identified on the western side of the main truck loading rack.

Subsequent to preparation of the initial Investigation Work Plan in July 2019, a release of gasoline was observed at the land surface on October 27, 2019 on the west side of the Truck loading rack. The source of the release was determined to be an underground transfer line on the north side of the Truck loading rack. This Investigation Work Plan provides for the collection of additional soil and groundwater samples in the area of the pipeline release and down-gradient to facilitate lateral delineation of the release.

The soil and groundwater samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), Skinner List metals, iron, and manganese. Groundwater samples will also be analyzed for major anions (e.g., carbonate, bicarbonate, sulfate, fluoride and chloride).

Section 1
Introduction

The Gallup Refinery is located approximately 17 miles east of Gallup, New Mexico along the north side of Interstate Highway I-40 in McKinley County. The physical address is I-40, Exit #39 Jamestown, New Mexico 87347. The Gallup Refinery is located on 810 acres. Figure 1 presents the refinery location and the regional vicinity.

The Gallup Refinery generally processes crude oil from the Four Corners area transported to the facility by pipeline or tanker truck. Various process units are operated at the facility, including crude distillation, reforming, fluidized catalytic cracking, alkylation, sulfur recovery, merox treater, and hydrotreating. Current and past operations have produced gasoline, diesel fuels, jet fuels, kerosene, propane, butane, and residual fuel.

This investigation work plan addresses AOC 35, which includes the main truck loading rack, crude slop and ethanol unloading facility, additive tank farm loading rack, and the retail tank farm (tanks 1 – 7, 912, 913, 1001, and 1002) (Figure 2). The purpose of this investigation is to:

- Characterize the subsurface conditions in the area of a leaking underground transfer line on the north side of the Truck loading rack; and
- Provide additional information on the down-gradient migration of separate-phase hydrocarbons (SPH) to the west of the Truck loading rack.

The investigation activities will be conducted in accordance with Section IV.H.5 of the Post-Closure Care Permit.

Section 2
Background

This section presents background information for the area of the refinery property near AOC 35, including a review of historical waste management activities to identity the following:

- Type and characteristics of all waste and all contaminants handled in the subject areas;
- Known and possible sources of contamination;
- History of operations; and
- Prior investigations.

2.1 Main Truck Loading Rack Area

The main truck loading rack is located in the southwestern area of the active portion of the refinery property (Figure 2). The main loading racks cover an area approximately 100 feet by 120 feet and it is used to load refined petroleum products (e.g., gasoline and diesel) into tanker trucks. The loading racks appear to have been in operation in this same location since at least 1962. There is no history of waste materials being handled at the loading racks.

There have been documented releases at the loading rack that were discovered at the time of the release and addressed, including notification to the appropriate regulatory agencies. On December 4, 2007, approximately 6,800 gallons of gasoline was spilled when a truck driver erroneously opened a valve on a tanker truck (Release Notification dated Dec. 7, 2007) and on December 23, 2009, approximately 44 barrels (1,848 gallons) of diesel fuel was spilled from a leaking underground pipeline at the west end of the loading rack (Release Notification dated Dec. 29, 2009). No final documentation of the spill response for the December 2009 release has been located to determine if the spill response was fully completed.

As part of the Interim Measures to address the Hydrocarbon Seep Area, which is located to the northwest of the main loading racks, new monitoring wells were installed near the loading racks. These wells are identified as the MKTF wells. In addition, during the field reconnaissance process to locate potential drilling locations near the main loading racks, an unidentified well was located to the west of the main loading racks and it was subsequently numbered as MKTF-45 (Figures 3a and 3b). The well is measured as being 30.24 feet deep and has contained SPH since it was first gauged in

2014. It appears the well was installed to help address historic releases near the main loading racks; however, no documentation of this has been found in site records despite repeated attempts to locate any information on the well. A camera scope that can access the well will be used to determine the screened interval of well MKTF-45. Well MKTF-36 was installed immediately down-gradient of the loading racks in November 2014 and SPH was identified while drilling the boring. Fluid level measurements for wells near AOC 35 are provided in Table 1. Fluid level measurements before and after the October 27, 2019 release are shown on Figures 3a and 3b. Boring logs for the nearby wells are provided in Appendix A. Chemical analyses of groundwater samples collected in the area of AOC 35 are summarized in Table 2. Figures 4 a, 4b, 5a, and 5b show the distribution of benzene and MTBE in groundwater before and after the October 27,2019 release, respectively, which appears to have a source in the vicinity of the main loading racks.

Underground piping near the main loading racks includes a sanitary sewer drain line running east to west to the north of the loading rack (Figure 7). In addition, there are oily water drain lines (process sewer) that run from the lab building to the loading rack and then the line continues to the north after picking up discharge from sumps located at the loading rack. The sumps collect small spills that may occur on the loading rack concrete apron and de minimis volumes of product that drained from loading hoses. The sump is no longer used to collect fluids from loading hoses and would only serve as an emergency drain in the case of a release during loading operations. The concrete pads are cracked, particularly in the areas near the sumps. The cracked concrete pads will be assessed and repaired, if needed, prior to the refinery being put back into service.

2.2 Crude Slop and Ethanol Unloading Facility

This facility is located approximately 80 feet northwest of the main loading racks and is used to unload recovered oil and transmix that may be reclaimed from various locations within the refinery. The area is also used to unload ethanol that is delivered to the refinery via truck. It was put into service sometime before the 1990s and is still in operation. The unloading area is approximately 15 feet by 40 feet and includes overhead pipelines and associated connections to support unloading operations. The concrete pad drains to a sump, which is connected to the process sewer (Figure 7). This concrete pad, which appears to be in good condition, was rebuilt approximately 10 years ago.

2.3 Additive Tank Farm Loading Rack

Petroleum product additives are stored in aboveground tanks at this location (Figure 2). These additive tanks are all small aboveground tanks located approximately 150 feet west of the main loading rack.

The additive tanks were installed prior to 1997, but the exact date is uncertain. No wastes are managed and only products (i.e., fuel additives) are managed in this area. Methyl tert butyl ether (MTBE) is not and has not been stored in these tanks.

2.4 Retail Tank Farm

The retail tank farm is located approximately 150 feet northwest of the main loading racks and includes Tanks 1 – 7, 912, 913, 1001, and 1002 (Figure 2). Retail petroleum products (e.g., gasoline, diesel, and biodiesel) are stored in these tanks and MTBE was stored in Tank 6 prior to discontinuation of its use in 2006. Ethanol has been stored in Tank 6 since the use of MTBE was discontinued. The first tanks were constructed in 1963 and have had routine inspections both external and internal since construction. Details of the tanks size, materials, construction dates, etc. are provided in Table 3.

The fuels are delivered to the marketing tanks via pipelines that run primarily aboveground. Ethanol is unloaded at the adjacent ethanol unloading facility and transferred to Tanks 5 and 6 via aboveground lines. The fuels and additives (i.e., ethanol) are subsequently transferred to the main loading racks via aboveground and underground pipelines where they are loaded into tanker trucks.

There have been documented releases at the marketing tank farm primarily from overfilling of the tanks. Two examples include:

- On December 31, 2007, approximately 32 barrels (1,344 gallons) of ethanol was spilled when a pressure gauge on Tank 5 became loose and began leaking (Release Notification dated Jan. 2, 2008); and

- On March 7, 2008, approximately 20 barrels (840 gallons) of diesel fuel was spilled during filling when the transfer pump did not switch off at the preselected level (Release Notification dated March 10, 2008).

2.5 October 2019 Underground Transfer Line Release

On October 27, 2019 an area of soil staining was observed to the west of the Truck loading rack. It was determined this was evidence of new release and subsequent efforts identified an underground product transfer line leaking gasoline on the north side of the Truck loading rack. (Figure 7). As part of the initial spill response efforts, the pipeline was taken out of service, an earthen berm was placed to stop flow in the ditch and any fluids present were recovered. This was reported on November 7,

2019 to the NMED and New Mexico Oil Conservation Division via Form C-141, a copy of which is included in Appendix D.

After the release was identified, fluid levels were checked in nearby monitoring wells to determine if the gasoline (expressed as SPH) was present and on-going measurements continue to be recorded. Monitoring well fluid level measurements before (3rd quarter 2019) and after (1st quarter 2020) the release are shown on Figures 3a and 3b. The measurements through January 15, 2020 are provided in Table 1 along with the routine quarterly gauging information for the nearby MKTF wells. These measurements show SPH being indicated for the first time in wells MKTF-13 on January 15, 2020, MKTF-17 on November 19, 2019, MKTF-19 on December 2, 2019. In addition, significant increases in the measured thickness of SPH occurred in wells MKTF-05 on November 13, 2019, MKTF-06 on December 2, 2019, MKTF-07 on December 19, 2019, MKTF-36 on November 6, 2019, and MKTF-45 on October 31, 2019. The SPH appears to be moving preferentially to the northwest, where the greater thickness measurements are recorded, but the appearance of SPH in MKTF-17 suggests migration to the west as well. SPH thickness in the monitoring wells before (3rd quarter 2019) and after (1st quarter 2020) the release is shown on Figures 6a and 6b, respectively.

2.6 Prior Investigations

The earliest investigation in the area is referenced in *Comprehensive Facility Investigation Work Plan* that was prepared for the NMOCD in June 1997 (Giant Refining Company, 1997). The work plan references "groundwater impact area #4" as being in the vicinity of the truck loading rack. It is stated that the source of the impact is a spill of hydrocarbon that occurred in the early 1980s. The area is further described as having residual hydrocarbons present at low levels and declining through natural biodegradation. No quantitative information could be located to substantiate the description of the conditions provided in the 1997 Work Plan.

As discussed above in Section 2.1, groundwater conditions in the vicinity of AOC 35 were recently investigated as part of the interim measures effort for the Hydrocarbon Seep Area (DiSorbo, 2016). Figure 7 shows the location of numerous monitoring wells (MKTF designation) in and around AOC 35. These wells are primarily screened across the contact of the Chinle Group (Petrified Forest Formation) that forms an aquitard and the overlying alluvial/fluvial deposits (Quaternary Alluvium). Groundwater samples collected from the existing MKTF wells have shown the presence of petroleum hydrocarbons, including constituents such as BTEX and related constituents (e.g., MTBE) at concentrations above screening levels. These analyses are summarized in Table 2. The distribution

of these constituents as shown on Figures 4a, 4b, 5a, and 5c indicates a source of groundwater contamination from within AOC 35.

The process sewer drain lines that are present in the area were also evaluated in the past to determine if they could be leaking. On July 8, 2013, one pint of fluorescent FWT red dye was poured into a sump/drain at the second bay from the south end at the truck loading rack. After several minutes the red dye was observed in the sewer box located on the west side of the bundle cleaning pad, confirming the flow of the drain from the truck rack to the north in the main process sewer pipeline. A second pint of the same red dye was added to the same sewer box on the west side of the bundle pad. The excavations at the hydrocarbon seep area (located west of the crude tanks) were inspected each day afterward and on the 8th day, July 16, 2018, red dye as identified in one of the excavations. The dye was not initially identified in the soil borings/temporary wells located south the hydrocarbon seep and west of the marketing tanks, but only in the area where the seep was identified. During a later fluid gauging event on August 14th, dye was observed in SB-1 and SB-16. The presence of dye in groundwater in the area of the seep was interpreted as indicating a likely release from the sewer system and a possible preferential migration pathway to this area.

Two additional dye tests were conducted in the process sewer system with one pint of a yellow/green dye (Spectroline Oil-Glo 44G Fluorescent yellow/green) introduced into the sewer at the Crude Slop and Ethanol Unloading area (a short distance northwest of the main truck loading racks) on September 23, 2013 and one pint of a red dye (FWT red dye) introduced at the lab sinks on September 24, 2013. On September 25, 2013, green dye was detected in sump 1 at the hydrocarbon seep. A subsequent fluid level gauging event was conducted at the MKTF monitoring wells on September 26, 2013. The red dye was identified in five of the temporary wells [SB01 (MKTF-03), SB02, SB16 (MKTF-10), SB17 (MKTF-11), and SB22 (MKTF-14)], all of which are located just south of the road that runs east-west along the north side of the marketing tanks. The green/yellow dye appeared to be present in nine wells [SB04, SB05, SB06 (MKTF-05), SB08 (MKTF-06), SB10 (MKTF-07), SB11 (MKTF-08), SB19 (MKTF-12), SB20 (MKTF-13), and SB21], which are all located further south, closer to the Crude Slop and Ethanol Unloading area. Although the dye tests were not conclusive, the separate patterns of the two dyes suggest the possibility of two separate release points from the sewer line. The current status of the sewer has not been confirmed. The Gallup Refinery is indefinitely idled at this time and the sewer is currently not in operation. In the future, and prior to the refinery starting back up, an assessment of the sewer will be completed and, if necessary, repairs will be made.

Section 3
Site Conditions

3.1 Surface Conditions

Site topographic features include high ground in the southeast gradually decreasing to a lowland fluvial plain to the northwest. Elevations on the refinery property range from 7,040 feet to 6,860 feet. Surface soils within most of the area of investigation are primarily Rehobeth silty clay loam. Rehobeth soil properties include a pH ranging from 8 to 9 standard units and salinity (naturally occurring and typically measuring up to approximately 8 mmhos/cm).

Regional surface water features include the refinery evaporation ponds and a number of small ponds (one cattle water pond and two small unnamed spring fed ponds). The site is located in the Puerco River Valley, north of the Zuni Uplift with overland flows directed northward to the tributaries of the Puerco River. The Puerco River continues to the west to the confluence with the Little Colorado River. The South Fork of the Puerco River is intermittent and retains flow only during and immediately following precipitation events.

3.2 Subsurface Conditions

The shallow subsurface soils consist of fluvial and alluvial deposits comprised of clay and silt with minor inter-bedded sand layers. Very low permeability bedrock (e.g., claystones and siltstones) underlie the surface soils and effectively form an aquitard. The Chinle Group, which is Upper Triassic, crops out over a large area on the southern margin of the San Juan Basin. The uppermost recognized local Formation is the Petrified Forest Formation and the Sonsela Sandstone Bed is the uppermost recognized regional aquifer. Aquifer test of the Sonsela Bed northeast of Prewitt indicated a transmissivity of greater than 100 ft^2/day (Stone and others, 1983). The Sonsela Sandstone's highest point occurs southeast of the site and slopes downward to the northwest as it passes under the refinery. The Sonsela Sandstone forms a water-bearing reservoir with artesian conditions throughout the central and western portions of the refinery property.

The diverse properties and complex, irregular stratigraphy of the surface soils across the site cause a wide range of hydraulic conductivity ranging from less than 10^{-2} cm/sec for gravel like sands immediately overlying the Petrified Forest Formation to 10^{-8} cm/sec in the clay soils located near the surface (Western, 2009). Generally, shallow groundwater at the refinery follows the upper contact of

the Petrified Forest Formation with prevailing flow from the southeast to the northwest, although localized areas may have varying flow directions (Figure 3a and Figure 3b). Fluid level measurements for wells in the area of AOC 35 are included in Table 1.

Section 4
Scope of Services

The site investigation of soil and groundwater will be conducted to characterize the subsurface conditions in the area of the leaking underground transfer line on the north side of the Truck loading rack and help delineate the down-gradient migration of SPH to the west of the Truck loading rack. The investigation will commence upon approval of this Investigation Work Plan by NMED.

4.1 AOC 35 Investigation

An investigation of soil and groundwater conditions in AOC 35 was proposed in an Investigation Work Plan prepared in July 2019 to determine the source of BTEX and MTBE that has been detected in groundwater samples collected from monitoring wells in the vicinity of AOC 35. The boring locations proposed in this earlier Investigation Work Plan, which are identified on Figure 7, were selected based on field reconnaissance to identify visibly stained soils, water drains at aboveground storage tanks, and sumps and related features where fluids are transferred (e.g., loading of petroleum fuels at the loading racks). In addition, borings were proposed along an underground sanitary sewer pipeline and underground oily water drain lines identified from site records. The data obtained from these previously proposed and approved (NMED approved with modification on September 12, 2019) locations will also provide significant information on the impacts from the recent release of gasoline from the underground transfer line. Eight of these borings are located to the east (up-gradient) of the underground transfer line, one is located immediately to the south, seven are located to the west (down-gradient) of the transfer line and one boring is located to the north.

Under this new Investigation Work Plan, two soil borings will be completed along the section of the underground transfer line north of the Truck loading rack where the leak was identified in the pipeline. The soil borings will be drilled through the soil/groundwater interface to the clay aquitard. Based on the boring log for nearby well MKTF-18, a clay aquitard was present from a depth of 10 feet below ground level (bgl) to 23 feet bgl. It is anticipated that the gasoline is likely pooled on top of this clay interval and to avoid providing a direct vertical conduit to lower permeable layers the soil borings will be terminated in the clay. In addition to collection of soil samples, groundwater samples will also be collected from these locations if groundwater is encountered and SPH is not present. When SPH is present, a sample will be collected and analyzed to determine the nature of contamination and identify the contaminants potential origin.

Two new permanent monitoring wells will be installed. The first will be installed west of the Truck loading rack. The first monitoring well is proposed to be located approximately 100 ft west of MTKF-17, which now contains SPH as a result of the gasoline release. The second well will be installed in close proximity to Well MTKF-17. The screened interval of MTKF-17 is submerged below the water table and underestimates the SPH thickness. Therefore, the proposed well will be installed to intercept the water table, which will be more accurate in evaluating SPH thickness. The new monitoring wells will follow the same soil sampling procedures as the soil borings, described in Section 4.2.

In addition, the screened interval of MKTF-45 will be determined to evaluate whether MKTF-45 is screened differently than other nearby wells or if an isolated hot spot is present near well MKTF-45. This will be completed using a down hole camera to determine the screened interval.

The current status of the sewer has not been confirmed. The Gallup Refinery is indefinitely idled at this time and the sewer is currently not in operation. In the future, and prior to the refinery starting back up, an assessment of the sewer will be completed and, if necessary, repairs will be made.

4.2 Soil Sample Field Screening and Logging

Samples obtained from the soil borings and the two new groundwater monitoring wells and MKTF-17 and west of well MKTF-17 will be screened in the field on 2.0-foot intervals for evidence of contaminants. Field screening results will be recorded on the exploratory boring logs. Field screening results will be used to aid in the possible selection of soil samples for laboratory analysis. The primary screening methods include: (1) visual examination, (2) olfactory examination, and (3) headspace vapor screening for volatile organic compounds.

Visual screening includes examination of soil samples for evidence of staining caused by petroleum-related compounds or other substances that may cause staining of natural soils such as elemental sulfur or cyanide compounds. Headspace vapor screening targets volatile organic compounds and involves placing a soil sample in a plastic sample bag or a foil sealed container allowing space for ambient air. The container will be sealed and then shaken gently to expose the soil to the air trapped in the container. The sealed container will be allowed to rest for a minimum of 5 minutes while vapors equilibrate. Vapors present within the sample bag's headspace will then be measured by inserting the probe of the instrument in a small opening in the bag or through the foil. The maximum value and the ambient air temperature will be recorded on the field boring or test pit log for each sample.

The monitoring instruments will be calibrated each day to the manufacturer's standard for instrument operation. A photoionization detector (PID) equipped with a 10.6 or higher electron volt (eV) lamp or a combustible gas indicator may be used for VOC field screening. Field screening results may be site- and boring-specific and the results may vary with instrument type, the media screened, weather conditions, moisture content, soil type, and type of contaminant, therefore, all conditions capable of influencing the results of field screening will be recorded on the field logs.

Discrete soil samples will be retained for laboratory analyses from within the following intervals:

- 0.0-0.5 feet (at all soil borings);
- 2.0-2.5 feet or the top of native soil if identifiable (at all soil borings);
- > 2.0 feet (from the interval in each soil boring with the greatest apparent degree of contamination, based on field observations and field screening);
- From the bottom of each borehole (all soil borings);
- From the 0.5 foot interval at the top of saturation (applicable only to borings that reach saturation); and
- Any additional intervals as determined based on field screening results.

The physical characteristics of the samples (such as mineralogy, ASTM soil classification, moisture content, texture, color, presence of stains or odors, and/or field screening results), depth where each sample was obtained, method of sample collection, and other observations will be recorded in the field log by a qualified geologist or engineer. Detailed logs of each boring will be completed in the field by a qualified engineer or geologist. Additional information, such as the presence of water-bearing zones and any unusual or noticeable conditions encountered during drilling, will be recorded on the logs.

Quality Assurance/Quality Control (QA/QC) samples will be collected to monitor the validity of the soil sample collection procedures as follows:

- Field duplicates will be collected at a rate of 10 percent with a minimum of one field duplicate added; and
- Equipment blanks will be collected from all sampling apparatus at a frequency of one per day.

4.2.1 Drilling Activities

Due to potential physical access limitations and high traffic concerns, the soil borings may be completed using hand augers or a geo-probe using a macrocore for shallow intervals, converting to dual tube for deeper intervals. Both soil and groundwater samples can be collected using the dual tube technology. Alternatively, hollow-stem augers may be used instead. The new permanent well will be installed using hollow-stem augers. The drilling equipment will be properly decontaminated before drilling each boring. The NMED will be notified as early as practicable if conditions arise or are encountered that do not allow the advancement of borings to the specified depths or at planned sampling locations. Appropriate actions (e.g., installation of protective surface casing or relocation of borings to a less threatening location) will be taken to minimize any negative impacts from investigative borings. Slotted (0.01 inch) PVC well screen will be placed at the bottom of the borings at the permanent well and will extend up to 20 feet in length to ensure the water level falls within the screened interval. A 10/20 sand filter pack will be installed to a minimum of one foot over the top of the well screen.

4.3 Groundwater Sample Collection

Groundwater samples shall initially be obtained from newly installed monitoring wells between ten and 30 days after completion of well development. Well development and purging prior to sample collection will be in accordance with procedures described in Appendix C. Prior to collection of groundwater samples for laboratory analyses, the fluid levels and the total depths of each well will be measured.

Groundwater samples will be collected from the new monitoring wells within 24 hours of the completion of well purging using disposal bailers. Alternatively, well sampling may also be conducted in accordance with the NMED's Position Paper *Use of Low-Flow and other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring* (October 30, 2001, as updated). Sample collection methods will be documented in the field monitoring reports. The samples will be transferred to the appropriate, clean, laboratory-prepared containers provided by the analytical laboratory. Sample handling and chain-of-custody procedures will be in accordance with the procedures presented below in Section 4.3.1.

Groundwater samples intended for metals analysis will be submitted to the laboratory as both total and dissolved metals samples. QA/QC samples will be collected to monitor the validity of the groundwater sample collection procedures as follows:

- Field duplicate water samples will be obtained at a frequency of ten percent, with a minimum, of one duplicate sample per sampling event;
- Equipment rinsate blanks will be obtained for chemical analysis at the rate of ten percent or a minimum of one rinsate blank per sampling day. Equipment rinsate blanks will be collected at a rate of one per sampling day if disposable sampling equipment is used. Rinsate samples will be generated by rinsing deionized water through unused or decontaminated sampling equipment. The rinsate sample will be placed in the appropriate sample container and submitted with the groundwater samples to the analytical laboratory for the appropriate analyses; and
- Trip blanks will accompany laboratory sample bottles and shipping and storage containers intended for VOC analyses. Trip blanks will consist of a sample of analyte-free deionized water prepared by the laboratory and placed in an appropriate sample container. The trip blank will be prepared by the analytical laboratory prior to the sampling event and will be kept with the shipping containers and placed with other water samples obtained from the site each day. Trip blanks will be analyzed at a frequency of one for each shipping container of groundwater samples to be analyzed for VOCs.

4.3.1 Sample Handling

At a minimum, the following procedures will be used at all times when collecting samples during investigation, corrective action, and monitoring activities:

1. Neoprene, nitrile, or other protective gloves will be worn when collecting samples. New disposable gloves will be used to collect each sample;
2. All samples collected of each medium for chemical analysis will be directly transferred from the sample retrieval device (e.g., macrocore, dual tube, split-spoon, hand auger, etc.) into clean sample containers supplied by the project analytical laboratory with the exception of soil, rock, and sediment samples obtained in Encore® samplers following EPA Method 5035. Sample container volumes and preservation methods will be in accordance with the most recent standard EPA and industry accepted practices for use by accredited analytical laboratories. Sufficient sample volume will be obtained for the laboratory to complete the method-specific QC analyses on a laboratory-batch basis; and
3. Sample labels and documentation will be completed for each sample following procedures discussed below. Immediately after the samples are collected, they will be stored in a cooler with ice or other appropriate storage method until they are delivered to

the analytical laboratory. Standard chain-of-custody procedures, as described below, will be followed for all samples collected. All samples will be submitted to the laboratory soon enough to allow the laboratory to conduct the analyses within the method holding times.

Chain-of-custody and shipment procedures will include the following:

1. Chain-of-custody forms will be completed at the end of each sampling day, prior to the transfer of samples off site.
2. Individual sample containers will be packed to prevent breakage and transported in a sealed cooler with ice or other suitable coolant or other EPA or industry-wide accepted method. The drainage hole at the bottom of the cooler will be sealed and secured in case of sample container leakage. Temperature blanks will be included with each shipping container.
3. Each cooler or other container will be delivered directly to the analytical laboratory.
4. Glass bottles will be separated in the shipping container by cushioning material to prevent breakage.
5. Plastic containers will be protected from possible puncture during shipping using cushioning material.
6. The chain-of-custody form and sample request form will be shipped inside the sealed storage container to be delivered to the laboratory.
7. Chain-of-custody seals will be used to seal the sample-shipping container in conformance with EPA protocol.
8. Signed and dated chain-of-custody seals will be applied to each cooler prior to transport of samples from the site.
9. Upon receipt of the samples at the laboratory, the custody seals will be broken, the chain-of-custody form will be signed as received by the laboratory, and the conditions of the samples will be recorded on the form. The original chain-of-custody form will remain with the laboratory and copies will be returned to the relinquishing party.
10. Copies of all chain-of-custody forms generated as part of sampling activities will be maintained on-site.

4.4 Collection and Management of Investigation Derived Waste

Drill cuttings, excess sample material and decontamination fluids, and all other investigation derived waste (IDW) associated with soil borings will be contained and characterized using methods based on the boring location, boring depth, drilling method, and type of contaminants suspected or encountered. All purged groundwater and decontamination water will be characterized prior to disposal unless it is disposed in the refinery wastewater treatment system upstream of the API Separator. An IDW management plan is included as Appendix B.

Field equipment requiring calibration will be calibrated to known standards, in accordance with the manufacturers' recommended schedules and procedures. At a minimum, calibration checks will be conducted daily, or at other intervals approved by the Department, and the instruments will be recalibrated, if necessary. Calibration measurements will be recorded in the daily field logs. If field equipment becomes inoperable, its use will be discontinued until the necessary repairs are made. In the interim, a properly calibrated replacement instrument will be used.

4.5 Documentation of Field Activities

Daily field activities, including observations and field procedures, will be recorded in a field log book. Copies of the completed forms will be maintained in a bound and sequentially numbered field file for reference during field activities. Indelible ink will be used to record all field activities. Photographic documentation of field activities will be performed, as appropriate. The daily record of field activities will include the following:

1. Site or unit designation;
2. Date;
3. Time of arrival and departure;
4. Field investigation team members including subcontractors and visitors;
5. Weather conditions;
6. Daily activities and times conducted;
7. Observations;
8. Record of samples collected with sample designations and locations specified;
9. Photographic log, as appropriate;
10. Field monitoring data, including health and safety monitoring;
11. Equipment used and calibration records, if appropriate;
12. List of additional data sheets and maps completed;

13. An inventory of the waste generated and the method of storage or disposal; and
14. Signature of personnel completing the field record.

4.6 Chemical Analyses

All samples collected for laboratory analysis will be submitted to an accredited laboratory. The laboratory will use the most recent standard EPA and industry-accepted analytical methods for target analytes as the testing methods for each medium sampled. Chemical analyses will be performed in accordance with the most recent EPA standard analytical methodologies and extraction methods.

Groundwater and soil samples will be analyzed by the following methods:

- SW-846 Method 8260 for volatile organic compounds;
- SW-846 Method 8270 for semi-volatile organic compounds;
- SW-846 Method 8015B gasoline range (C5-C10), diesel range (>C10-C28), and motor oil range (>C28-C36) organics;
- EPA Method 8011 for 1,2-dichloroethane (EDB); and
- EPA Method 8270 Selected Ion Monitoring (SIM) for 1,4-dioxane.

Groundwater and soil samples will also be analyzed for the following Skinner List metals and iron and manganese using the indicated analytical methods shown. The groundwater samples collected for metals analysis will be analyzed for total and dissolved concentrations. Groundwater samples will also be analyzed for major anions (e.g., carbonate, bicarbonate, sulfate, fluoride and chloride). Nitrate analysis will be conducted by an off-site laboratory.

Inorganic Analytical Methods

Analyte	Analytical Method
Antimony	SW-846 method 6010/6020
Arsenic	SW-846 method 6010/6020
Barium	SW-846 method 6010/6020
Beryllium	SW-846 method 6010/6020
Cadmium	SW-846 method 6010/6020
Chromium	SW-846 method 6010/6020
Cobalt	SW-846 method 6010/6020
Cyanide	SW-846 method 335.4/335.2 mod

Analyte	Analytical Method
Lead	SW-846 method 6010/6020
Mercury	SW-846 method 7470/7471
Nickel	SW-846 method 6010/6020
Selenium	SW-846 method 6010/6020
Silver	SW-846 method 6010/6020
Vanadium	SW-846 method 6010/6020
Zinc	SW-846 method 6010/6020
Iron	SW-846 method 6010/6020
Manganese	SW-846 method 6010/6020
Nitrite	EPA method 300.0
Nitrate	EPA method 300.0

Groundwater field measurements will be obtained for pH, specific conductance, dissolved oxygen concentrations, oxidation-reduction potential, turbidity, and temperature.

4.7 Data Quality Objectives

The Data Quality Objectives (DQOs) were developed to ensure that newly collected data are of sufficient quality and quantity to address the project goals, including Quality Assurance/Quality Control (QA/QC) issues (EPA, 2006). The project goals are established to determine and evaluate the presence, nature, and extent of releases of contaminants at specified SWMUs. The type of data required to meet the project goals includes chemical analyses of soil and groundwater to determine if there has been a release of contaminants.

The quantity of data is location specific and is based on the historical operations at individual locations. Method detection limits should be 20% or less of the applicable background levels, cleanup standards and screening levels. The method detection limit of TPH-MRO is 72 µg/L. This is greater than 20% or less of the applicable background level of 85.5 µg/L. The analytical data will undergo a Tier 2 data validation and the validation will verify the validity of the data.

Additional DQOs include precision, accuracy, representativeness, completeness, and comparability. Precision is a measurement of the reproducibility of measurements under a given set of circumstances and is commonly stated in terms of standard deviation or coefficient of variation (EPA, 1987). Precision is also specific to sampling activities and analytical performance. Sampling

precision will be evaluated through the analyses of duplicate field samples and laboratory replicates will be utilized to assess laboratory precision.

Accuracy is a measurement in the bias of a measurement system and may include many sources of potential error, including the sampling process, field contamination, preservation, handling, sample matrix, sample preparation, and analysis techniques (EPA, 1987). An evaluation of the accuracy will be performed by reviewing the results of field/trip blanks, matrix spikes, and laboratory QC samples.

Representativeness is an expression of the degree to which the data accurately and precisely represent the true environmental conditions. Sample locations and the number of samples have been selected to ensure the data is representative of actual environmental conditions. Based on SWMU specific conditions, this may include either biased (i.e., judgmental) locations/depths or unbiased (systematic grid samples) locations. In addition, sample collection techniques (e.g., field monitoring and decontamination of sampling equipment) will be utilized to help ensure representative results.

Completeness is defined as the percentage of measurements taken that are actually valid measurements, considering field QA and laboratory QC problems. EPA Contract Laboratory Program (CLP) data has been found to be 80-85% complete on a nationwide basis and this has been extrapolated to indicate that Level III, IV, and V analytical techniques will generate data that are approximately 80% complete (EPA, 1987). As an overall project goal, the completeness goal is 85%; however, some samples may be critical based on location or field screening results and thus a sample-by-sample evaluation will be performed to determine if the completeness goals have been obtained.

Comparability is a qualitative parameter, which expresses the confidence with which one data set can be compared to another. Industry standard sample collection techniques and routine EPA analytical methods will be utilized to help ensure data are comparable to historical and future data. Analytical results will be reported in appropriate units for comparison to historical data and cleanup levels.

Section 5
References

DiSorbo, 2016, Interim Measures Report Hydrocarbon Seep Area, Western Refining Gallup Refinery, p. 15.

EPA, 1987, Data Quality Objectives for Remedial Response Activities; United States Environmental Protection Agency, Office of Emergency and Remedial Response and Office of Waste Programs Enforcement, OSWER Directive 9355.0-7B, 85p.

EPA, 2006, Guidance on Systematic Planning Using the Data Quality Objectives Process, United States Environmental Protection Agency, Office of Environmental Information; EPA/240/B-06/001, p. 111.

Giant Refining Company, 1997, Comprehensive Facility Investigation Work Plan (Stage 1 Abatement Plan), Giant Refining Company Ciniza Refinery, p. 7.

NMED, 2019, Risk Assessment Guidance for Site Investigation and Remediation, New Mexico Environment Department.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizel, N.H., and Padgett, E.T., 1983, Hydrogeology and Water Resources of San Juan Basin, New Mexico; Hydrogeologic Report 6, New Mexico Bureau of Mines and Mineral Resources, p. 70.

Western, 2009, Facility-wide Groundwater Monitoring Plan: Gallup Refinery, p. 97.

Tables

Table 1 Fluid Levels
Table 2 Groundwater Analytical Summary
Table 3 Marketing Tanks Records

TABLE 1
FLUID LEVELS

Date of Installation	Date of Survey [1]	Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Ground Level Elevations (ft)	Well Casing Rim Elevations (ft)	Stick-up length (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to [2] SPH (ft)	SPH [3] Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected [4] Water Table Elevation (Factor 0.8) (ft)	Screened Interval Depth Top to Bottom (ft)
11/12/13	01/21/14	MKTF-05	02/19/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	13.87	0.10	13.97	6,928.25	6928.33	4 - 14
			05/13/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	12.95	0.17	13.12	6,929.10	6929.24	4 - 14
			08/30/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	13.40	0.20	13.60	6,928.62	6928.78	4 - 14
			10/30/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	13.90	0.30	14.20	6,928.02	6,928.26	4 - 14
			11/12/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	11.64	5.09	16.73	6,925.49	6929.56	4 - 14
			11/13/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	10.96	6.19	17.15	6,925.07	6930.02	4 - 14
			11/14/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	10.78	6.39	17.17	6,925.05	6930.16	4 - 14
			11/15/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	10.54	6.62	17.16	6,925.06	6930.36	4 - 14
			11/19/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	10.04	7.14	17.18	6,925.04	6930.75	4 - 14
			11/21/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	9.97	7.21	17.18	6,925.04	6930.81	4 - 14
			12/02/19	4.00	6,939.49	6,942.22	2.73	6,924.47	17.75	10.64	6.53	17.17	6,925.05	6930.27	4 - 14
11/11/13	01/21/14	MKTF-06	02/19/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	15.79	0.76	16.55	6,930.26	6930.87	8 - 20
			05/13/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	15.55	0.84	16.39	6,930.42	6931.09	8 - 20
			08/30/19	4.00	6,944.24	6,946.81	2.57	6,923.02	23.79	15.82	0.78	16.60	6,930.21	6930.83	8 - 20
			10/30/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	16.80	1.11	17.91	6,928.90	6,929.79	8 - 20
			11/12/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	16.52	0.96	17.48	6,929.33	6930.10	8 - 20
			11/13/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	16.33	0.85	17.18	6,929.63	6930.31	8 - 20
			11/14/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	16.42	0.89	17.31	6,929.50	6930.21	8 - 20
			11/15/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	16.35	0.85	17.20	6,929.61	6930.29	8 - 20
			11/19/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	16.08	0.75	16.83	6,929.98	6930.58	8 - 20
			11/21/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	15.93	1.31	17.24	6,929.57	6930.62	8 - 20
			12/02/19	4.00	6,944.24	6,946.81	2.57	6,923.04	23.77	14.75	6.61	21.36	6,925.45	6930.74	8 - 20
11/11/13	01/21/14	MKTF-07	02/19/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	10.39	1.21	11.60	6,935.58	6936.55	4 - 14
			05/13/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	10.72	0.10	10.82	6,936.36	6936.44	4 - 14
			08/30/19	4.00	6,944.40	6,947.18	2.78	6,929.71	17.47	11.18	1.11	12.29	6,934.89	6935.78	4 - 14
			10/30/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	12.20	1.19	13.39	6,933.79	6,934.74	4 - 14
			11/12/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	12.03	1.16	13.19	6,933.99	6934.92	4 - 14
			11/13/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	11.81	1.08	12.89	6,934.29	6935.15	4 - 14
			11/14/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	11.98	1.16	13.14	6,934.04	6934.97	4 - 14
			11/15/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	12.00	1.16	13.16	6,934.02	6934.95	4 - 14
			11/19/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	11.40	2.77	14.17	6,933.01	6935.23	4 - 14
			11/21/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	10.83	5.72	16.55	6,930.63	6935.21	4 - 14
			12/02/19	4.00	6,944.40	6,947.18	2.78	6,929.56	17.62	11.38	5.74	17.12	6,930.06	6934.65	4 - 14

TABLE 1
FLUID LEVELS

Date of Installation	Date of Survey [1]	Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Ground Level Elevations (ft)	Well Casing Rim Elevations (ft)	Stick-up length (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to [2] SPH (ft)	SPH [3] Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected [4] Water Table Elevation (Factor 0.8) (ft)	Screened Interval Depth Top to Bottom (ft)
11/11/13	01/21/14	MKTF-08	02/19/19	4.00	6,944.02	6,947.09	3.07	6,925.11	21.98	11.35	0.65	12.00	6,935.09	6935.61	8 - 18
			05/13/19	4.00	6,944.02	6,947.09	3.07	6,925.11	21.98	11.95	0.48	12.43	6,934.66	6935.04	8 - 18
			08/30/19	4.00	6,944.02	6,947.09	3.07	6,925.11	21.98	12.50	0.40	12.90	6,934.19	6934.51	8 - 18
			10/30/19	4.00	6,944.02	6,947.09	3.07	6,925.11	21.98	13.54	0.45	13.99	6,933.10	6,933.46	8 - 18
			11/21/19	4.00	6,944.02	6,947.09	3.07	6,925.11	21.98	13.47	0.38	13.85	6,933.24	6933.54	8 - 18
			12/02/19	4.00	6,944.02	6,947.09	3.07	6,925.11	21.98	13.72	0.41	14.13	6,932.96	6933.29	8 - 18
11/11/13	01/21/14	MKTF-09	03/25/19	4.00	6,943.57	6,946.50	2.93	6,923.80	22.70	ND	NA	11.10	6,935.40	NA	7 - 19
			05/13/19	4.00	6,943.57	6,946.50	2.93	6,923.80	22.70	ND	NA	12.27	6,934.23	NA	7 - 19
			08/28/19	4.00	6,943.57	6,946.50	2.93	6,923.76	22.74	ND	NA	13.28	6,933.22	NA	7 - 19
			11/18/19	4.00	6,943.57	6,946.50	2.93	6,923.75	22.75	ND	NA	13.97	6,932.53	NA	7 - 19
10/31/13	01/21/14	MKTF-10	03/25/19	4.00	6,937.51	6,937.16	-0.35	6,921.17	15.99	ND	NA	5.70	6,931.46	NA	7 - 17
			05/13/19	4.00	6,937.51	6,937.16	-0.35	6,921.17	15.99	ND	NA	6.23	6,930.93	NA	7 - 17
			08/21/19	4.00	6,937.51	6,937.16	-0.35	6,920.88	16.28	ND	NA	7.65	6,929.51	NA	7 - 17
			10/30/19	4.00	6,937.51	6,937.16	-0.35	6,921.17	15.99	ND	NA	7.28	6,929.88	NA	7 - 17
10/31/13	01/21/14	MKTF-11	03/25/19	4.00	6,931.61	6,931.34	-0.27	6,913.20	18.14	ND	NA	4.96	6,926.38	NA	8 - 18
			05/13/19	4.00	6,931.61	6,931.34	-0.27	6,913.20	18.14	ND	NA	5.24	6,926.10	NA	8 - 18
			08/21/19	4.00	6,931.61	6,931.34	-0.27	6,912.86	18.48	ND	NA	6.22	6,925.12	NA	8 - 18
			10/30/19	4.00	6,931.61	6,931.34	-0.27	6,913.20	18.14	ND	NA	7.06	6,924.28	NA	8 - 18
11/07/13	01/21/14	MKTF-12	03/26/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	16.65	0.35	17.00	6,925.11	6925.39	12 - 22
			05/09/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	17.25	0.10	17.35	6,924.76	6924.84	12 - 22
			08/20/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	17.92	0.09	18.01	6,924.10	6924.17	12 - 22
			10/28/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.35	0.12	18.47	6,923.64	6,923.74	12 - 22
			11/12/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.14	0.08	18.22	6,923.89	6923.95	12 - 22
			11/13/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.02	0.10	18.12	6,923.99	6924.07	12 - 22
			11/14/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.11	0.08	18.19	6,923.92	6923.98	12 - 22
			11/15/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.10	0.08	18.18	6,923.93	6923.99	12 - 22
			11/19/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.00	0.09	18.09	6,924.02	6924.09	12 - 22
			11/21/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.04	0.16	18.20	6,923.91	6924.04	12 - 22
			12/02/19	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	17.70	0.05	17.75	6,924.36	6924.40	12 - 22
			01/15/20	4.00	6,939.70	6,942.11	2.41	6,916.51	25.60	18.51	0.13	18.64	6,923.47	6923.57	12 - 22

TABLE 1
FLUID LEVELS

Date of Installation	Date of Survey [1]	Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Ground Level Elevations (ft)	Well Casing Rim Elevations (ft)	Stick-up length (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to [2] SPH (ft)	SPH [3] Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected [4] Water Table Elevation (Factor 0.8) (ft)	Screened Interval Depth Top to Bottom (ft)
11/12/13	01/21/14	MKTF-13	03/26/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	ND	10.90	6,924.28	NA	8 - 18
			05/09/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	11.60	6,923.58	NA	8 - 18
			08/20/19	4.00	6,933.67	6,935.18	1.51	6,913.63	21.55	ND	NA	12.45	6,922.73	NA	8 - 18
			10/28/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.95	6,922.23	NA	8 - 18
			11/12/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.82	6,922.36	NA	8 - 18
			11/13/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.75	6,922.43	NA	8 - 18
			11/14/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.85	6,922.33	NA	8 - 18
			11/15/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.80	6,922.38	NA	8 - 18
			11/19/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.71	6,922.47	NA	8 - 18
			11/21/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.75	6,922.43	NA	8 - 18
			12/02/19	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	ND	NA	12.40	6,922.78	NA	8 - 18
			01/15/20	4.00	6,933.67	6,935.18	1.51	6,913.93	21.25	12.31	3.86	16.17	6,919.01	6922.10	8 - 18
11/12/13	01/21/14	MKTF-14	03/25/19	4.00	6,925.65	6,928.02	2.37	6,910.56	17.46	3.89	0.36	4.25	6,923.77	6924.06	4 - 14
			05/09/19	4.00	6,925.65	6,928.02	2.37	6,910.56	17.46	4.65	0.39	5.04	6,922.98	6923.29	4 - 14
			08/20/19	4.00	6,925.65	6,928.02	2.37	6,910.57	17.45	5.64	0.28	5.92	6,922.10	6922.32	4 - 14
			10/28/19	4.00	6,925.65	6,928.02	2.37	6,910.56	17.46	6.02	0.37	6.39	6,921.63	6,921.93	4 - 14
			01/15/20	4.00	6,925.65	6,928.02	2.37	6,910.57	17.45	6.02	0.33	6.35	6,921.67	6921.93	4 - 14
10/29/13	01/21/14	MKTF-15	03/25/19	2.00	6,943.74	6,943.48	-0.26	6,924.00	19.48	10.98	0.02	11.00	6,932.48	6932.50	9 - 19
			05/13/19	2.00	6,943.74	6,943.48	-0.26	6,924.00	19.48	ND	NA	11.59	6,931.89	NA	9 - 19
			08/21/19	2.00	6,943.74	6,943.48	-0.26	6,923.98	19.50	12.02	0.01	12.03	6,931.45	6,931.46	9 - 19
			10/30/19	2.00	6,943.74	6,943.48	-0.26	6,924.00	19.48	12.65	0.05	12.70	6,930.78	6,930.82	9 - 19
11/07/13	01/21/14	MKTF-16	02/20/19	2.00	6,951.00	6,950.58	-0.42	6,936.48	14.10	ND	NA	7.05	6,943.53	NA	4 - 14
			05/13/19	2.00	6,951.00	6,950.58	-0.42	6,936.48	14.10	ND	NA	8.35	6,942.23	NA	4 - 14
			08/21/19	2.00	6,951.00	6,950.58	-0.42	6,936.50	14.08	ND	NA	9.22	6,941.36	NA	4 - 14
			10/30/19	2.00	6,951.00	6,950.58	-0.42	6,936.48	14.10	ND	NA	9.89	6,940.69	NA	4 - 14
11/14/13	01/21/14	MKTF-17	03/25/19	2.00	6,945.79	6,945.76	-0.03	6,921.65	24.11	ND	NA	10.70	6,935.06	NA	14 - 24
			05/09/19	2.00	6,945.79	6,945.76	-0.03	6,921.65	24.11	ND	NA	14.05	6,931.71	NA	14 - 24
			08/19/19	2.00	6,945.79	6,945.76	-0.03	6,921.08	24.68	ND	NA	10.79	6,934.97	NA	14 - 24
			10/28/19	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	ND	NA	9.00	6,936.76	NA	14 - 24
			10/29/19	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	ND	NA	15.20	6,930.56	NA	14 - 24
			11/12/19	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	ND	NA	11.86	6,933.90	NA	14 - 24
			11/19/19	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	12.35	1.60	13.95	6,931.81	6933.09	14 - 24
			11/21/19	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	12.42	2.88	15.30	6,930.46	6932.76	14 - 24
			12/02/19	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	13.17	4.88	18.05	6,927.71	6931.61	14 - 24
			01/15/20	2.00	6,945.79	6,945.76	-0.03	6,921.11	24.65	12.19	5.38	17.57	6,928.19	6932.49	14 - 24

TABLE 1
FLUID LEVELS

Date of Installation	Date of Survey [1]	Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Ground Level Elevations (ft)	Well Casing Rim Elevations (ft)	Stick-up length (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to [2] SPH (ft)	SPH [3] Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected [4] Water Table Elevation (Factor 0.8) (ft)	Screened Interval Depth Top to Bottom (ft)
11/15/13	01/21/14	MKTF-18	03/25/19	2.00	6,950.97	6,950.65	-0.32	6,925.27	25.38	ND	NA	7.32	6,943.33	NA	17 - 27
			05/16/19	2.00	6,950.97	6,950.65	-0.32	6,925.27	25.38	ND	NA	7.54	6,943.11	NA	17 - 27
			08/19/19	2.00	6,950.97	6,950.65	-0.32	6,923.20	27.45	7.71	0.01	7.72	6,942.93	6942.94	17 - 27
			10/28/19	2.00	6,950.97	6,950.65	-0.32	6,925.27	25.38	ND	NA	7.79	6,942.86	NA	17 - 27
			10/29/19	2.00	6,950.97	6,950.65	-0.32	6,925.27	25.38	ND	NA	8.30	6,942.35	NA	17 - 27
			11/12/19	2.00	6,950.97	6,950.65	-0.32	6,925.27	25.38	ND	NA	8.19	6,942.46	NA	17 - 27
11/05/13	04/30/14	MKTF-19	03/25/19	2.00	6,944.89	6,944.67	-0.22	6,927.20	17.47	ND	NA	11.40	6,933.27	NA	10 - 20
			05/09/19	2.00	6,944.89	6,944.67	-0.22	6,927.20	17.47	ND	NA	11.31	6,933.36	NA	10 - 20
			08/19/19	2.00	6,944.89	6,944.67	-0.22	6,925.37	19.30	ND	NA	11.06	6,933.61	NA	10 - 20
			10/28/19	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	ND	NA	10.91	6,933.76	NA	10 - 20
			10/29/19	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	ND	NA	15.76	6,928.91	NA	10 - 20
			11/12/19	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	ND	NA	10.85	6,933.82	NA	10 - 20
			11/19/19	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	ND	NA	10.90	6,933.77	NA	10 - 20
			11/21/19	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	ND	NA	11.05	6,933.62	NA	10 - 20
			12/02/19	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	11.63	0.87	12.50	6,932.17	6932.87	10 - 20
			01/15/20	2.00	6,944.89	6,944.67	-0.22	6,926.47	18.20	11.60	1.13	12.73	6,931.94	6932.84	
03/31/14	04/30/14	MKTF-34	03/25/19	2.00	6,942.42	6,945.35	2.93	6,917.67	27.68	ND	NA	16.95	6,928.40	NA	9 - 24
			05/09/19	2.00	6,942.42	6,945.35	2.93	6,917.67	27.68	ND	NA	18.09	6,927.26	NA	9 - 24
			08/19/19	2.00	6,942.42	6,945.35	2.93	6,917.65	27.70	ND	NA	17.70	6,927.65	NA	9 - 24
			10/29/19	2.00	6,942.42	6,945.35	2.93	6,917.65	27.70	ND	NA	23.13	6,922.22	NA	9 - 24
			11/12/19	2.00	6,942.42	6,945.35	2.93	6,917.65	27.70	ND	NA	18.06	6,927.29	NA	9 - 24
			01/15/20	2.00	6,942.42	6,945.35	2.93	6,917.65	27.70	ND	NA	18.51	6,926.84	NA	9 - 24
11/19/14	12/16/14	MKTF-35	03/25/19	2.00	6,951.90	6,951.65	-0.25	6,935.20	16.45	ND	NA	8.54	6,943.11	NA	6 - 16
			05/16/19	2.00	6,951.90	6,951.65	-0.25	6,935.20	16.45	ND	NA	8.49	6,943.16	NA	6 - 16
			08/19/19	2.00	6,951.90	6,951.65	-0.25	6,935.17	16.48	ND	NA	8.09	6,943.56	NA	6 - 16
			10/28/19	2.00	6,951.90	6,951.65	-0.25	6,935.20	16.45	ND	NA	8.42	6,943.23	NA	6 - 16
			10/29/19	2.00	6,951.90	6,951.65	-0.25	6,935.20	16.45	ND	NA	8.40	6,943.25	NA	6 - 16
			11/12/19	2.00	6,951.90	6,951.65	-0.25	6,935.20	16.45	ND	NA	8.60	6,943.05	NA	6 - 16

TABLE 1
FLUID LEVELS

Date of Installation	Date of Survey [1]	Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Ground Level Elevations (ft)	Well Casing Rim Elevations (ft)	Stick-up length (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to [2] SPH (ft)	SPH [3] Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected [4] Water Table Elevation (Factor 0.8) (ft)	Screened Interval Depth Top to Bottom (ft)
11/19/14	12/16/14	MKTF-36	3/25/2019 [5]	2.00	6,950.67	6,950.12	-0.55	6,934.67	15.45	NM	NA	NM	NA	NA	5 - 15
			5/14/19 [5]	2.00	6,950.67	6,950.12	-0.55	6,934.72	15.40	NM	NA	NM	NA	NA	5 - 15
			8/19/19 [5]	2.00	6,950.67	6,950.12	-0.55	6,934.69	15.43	NM	NA	NM	NA	NA	5 - 15
			11/06/19	2.00	6,950.67	6,950.12	-0.55	6,934.67	15.45	5.08	5.25	10.33	6,939.79	6943.99	5 - 15
			11/07/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	4.30	5.91	10.21	6,943.30	6948.03	5 - 15
			11/12/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	6.80	2.85	9.65	6,943.86	6946.14	5 - 15
			11/13/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	6.95	2.45	9.40	6,944.11	6946.07	5 - 15
			11/14/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	7.14	2.47	9.61	6,943.90	6945.88	5 - 15
			11/15/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	7.31	2.15	9.46	6,944.05	6945.77	5 - 15
			11/19/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	7.80	1.18	8.98	6,944.53	6945.47	5 - 15
			11/21/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	8.00	0.78	8.78	6,944.73	6945.35	5 - 15
			12/02/19	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	8.25	0.70	8.95	6,944.56	6945.12	5 - 15
			01/15/20	2.00	6,953.90	6,953.51	-0.39	6,937.90	15.61	8.08	0.57	8.65	6,944.86	6945.32	5 - 15
11/18/14	12/16/14	MKTF-37	03/25/19	2.00	6,959.07	6,958.87	-0.20	6,934.27	24.60	ND	NA	8.39	6,950.48	NA	4 - 24
			05/16/19	2.00	6,959.07	6,958.87	-0.20	6,934.27	24.60	9.10	0.08	9.18	6,949.69	6949.75	4 - 24
			08/23/19	2.00	6,959.07	6,958.87	-0.20	6,934.28	24.59	8.85	0.02	8.87	6,950.00	6950.02	4 - 24
			10/28/19	2.00	6,959.07	6,958.87	-0.20	6,934.27	24.60	9.30	0.03	9.33	6,949.54	6,949.56	4 - 24
			10/29/19	2.00	6,959.07	6,958.87	-0.20	6,934.27	24.60	9.17	0.03	9.20	6,949.67	6,949.69	4 - 24
			11/12/19	2.00	6,959.07	6,958.87	-0.20	6,934.27	24.60	9.52	0.04	9.56	6,949.31	6949.34	4 - 24
Pre-existing	12/16/14	MKTF-45	03/26/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	12.00	0.50	12.50	6,937.09	6937.49	Unknown
			05/14/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	12.43	0.59	13.02	6,936.57	6937.04	Unknown
			08/19/19	4.00	6,948.63	6,949.59	0.96	6,919.26	30.33	14.02	0.46	14.48	6,935.11	6935.48	Unknown
			10/28/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	11.97	1.03	13.00	6,936.59	6937.41	Unknown
			10/29/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	11.38	2.37	13.75	6,935.84	6937.74	Unknown
			10/31/18	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	10.66	6.24	16.90	6,932.69	6937.68	Unknown
			11/06/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	9.57	12.95	22.52	6,927.07	6937.43	Unknown
			11/07/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	9.00	13.25	22.25	6,927.34	6937.94	Unknown
			11/11/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	8.75	14.85	23.60	6,925.99	6937.87	Unknown
			11/12/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	9.62	14.30	23.92	6,925.67	6937.11	Unknown
			11/13/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	9.70	16.23	25.93	6,923.66	6936.64	Unknown
			11/14/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	10.06	15.23	25.29	6,924.30	6936.48	Unknown
			11/15/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	10.28	14.29	24.57	6,925.02	6936.45	Unknown
			11/19/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	10.84	11.91	22.75	6,926.84	6936.37	Unknown
			11/21/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	11.00	10.90	21.90	6,927.69	6936.41	Unknown
			12/02/19	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	12.38	6.57	18.95	6,930.64	6935.90	Unknown
			01/15/20	4.00	6,948.63	6,949.59	0.96	6,919.35	30.24	10.07	8.74	18.81	6,930.78	6937.77	Unknown

TABLE 1
FLUID LEVELS

Date of Installation	Date of Survey [1]	Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Ground Level Elevations (ft)	Well Casing Rim Elevations (ft)	Stick-up length (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to [2] SPH (ft)	SPH [3] Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected [4] Water Table Elevation (Factor 0.8) (ft)	Screened Interval Depth Top to Bottom (ft)
10/12/19	11/18/19	MKTF-46	10/29/19	2.00	6,954.73	6,957.60	2.87	6,936.31	21.29	ND	NA	10.28	6,947.32	NA	3 - 18
			11/12/19	2.00	6,954.73	6,957.60	2.87	6,936.31	21.29	ND	NA	10.46	6,947.14	NA	3 - 18
			12/02/19	2.00	6,954.73	6,957.60	2.87	6,936.31	21.29	ND	NA	10.70	6,946.90	NA	3 - 18
			01/15/20	2.00	6,954.73	6,957.60	2.87	6,936.31	21.29	ND	NA	10.94	6,946.66	NA	3 - 18

DEFINITIONS:

DTB - Depth to Bottom
DTW - Depth to Water
ND - Not Dectected
NA - Not Applicable
SPH - Separate Phase Hydrocarbon

Negative number in Stick up Length column indicates well is flush mount and located at or below ground level
Depth to Water Column - if a measurement of 0.00 is indicated - means water level is at top of casing - Full.
Dry indicates no water was detected in the well.

NOTES:

1) Wells surveyed by a licensed professional surveyor-Hammon Enterprises, Inc. (HEI)
2) "ND" indicates no detectable SPH level.
3) Depth to SPH - Depth to Water Measurement = SPH Column Thickness.
4) Corrected Water Table Elevaton applies only if SPH thickness column measurement exists. (0.8 X SPH thickness + Groundwater Elevation)
5) Not able to locate well.

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS				
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			0.005	1	0.7	0.62	0.1
40 CFR 141.61 MCL			0.005	1	0.7	10	NE
NMED Tap Water (MAR 2019)			0.00455	1.09	0.0149	0.193	0.143
EPA RSL for Tap Water (NOV 2018)			0.00046	1.1	0.0015	0.19	0.014
WELL ID	DATE SAMPLED	METHOD					
MKTF-1	02/24/16	8260B	9.5	1.8	0.85	1	0.33
	11/04/15	8260B	10	1.4	0.79	1.2	0.39
	08/21/15	8260B	9.1	1	0.7	0.87	0.44
	06/09/15	8260B	9.3	1.5	0.74	1.8	0.41
	03/11/15	8260B	9.3	2	0.74	1.9	0.37
	06/06/14	8260B	8.7	7.1	0.92	4.3	0.42
MKTF-2	11/28/18	8260B	5.5	0.082	0.51	0.17	0.099
	08/20/18	8260B	2.5	0.031	0.14	0.031	0.1
	05/01/18	8260B	2.9	0.039	0.24	0.12	0.097
	02/06/18	8260B	2.6	0.049	0.25	0.089	0.11
	11/20/17	8260B	2.9	0.05	0.28	0.069	0.13
	10/03/17	8260B	2.7	0.028	0.15	0.037	0.13
	03/16/17	8260B	4	0.056	0.51	0.23	0.15
MKTF-4	11/20/18	8260B	1.1	0.011	0.61	0.65	2.2
	09/04/18	8260B	1.1	0.014	0.7	0.86	1.8
	05/02/18	8260B	1.1	0.016	0.74	0.89	2.3
	02/14/18	8260B	0.9	0.014	0.6	0.71	2
	11/28/17	8260B	1.2	0.019	0.82	1.1	2.3
	09/26/17	8260B	1.1	0.019	0.82	1.1	2.3
	06/08/17	8260B	0.92	0.016	0.59	0.89	2
	03/02/17	8260B	0.98	0.015	0.68	0.88	2.5
MKTF-9	11/28/18	8260B	3.3	0.02	0.19	0.073	0.56
	09/04/18	8260B	2.7	0.019	0.25	0.084	0.43
	05/02/18	8260B	2.8	0.025	0.28	0.098	0.49
	02/14/18	8206B	2.7	0.024	0.25	0.084	0.48
	11/28/17	8260B	3.2	0.027	0.26	0.086	0.51
	09/28/17	8260B	3	0.03	0.3	0.097	0.53
	06/12/17	8260B	3	0.032	0.3	0.086	0.68
	03/15/17	8260B	2.4	0.032	0.3	0.083	0.61
MKTF-10	11/20/18	8260B	11	1.9	1.9	8	0.01
	09/04/18	8260B	10	2.4	1.8	8.1	<0.05
	05/02/18	8260B	13	4.9	2.1	9.6	0.03
	02/14/18	8260B	10	3.7	1.8	8.3	0.014
	11/28/17	8260B	9.8	4.7	1.8	8.3	0.035
	09/28/17	8260B	9.5	8.8	1.8	8.7	<0.1
	06/08/17	8260b	12	20	1.8	8.2	<0.1
	03/02/17	8260B	18	21	1.6	7.8	0.028
MKTF-11	11/20/18	8260B	11	4.7	0.47	2.5	0.071
	09/04/18	8260B	10	5.7	0.81	2.5	0.064
	05/02/18	8260B	13	12	1.2	3.8	0.5
	02/08/18	8260B	13	12	1	3.1	0.059
	11/28/17	8260B	9.9	8.8	0.84	2.6	0.068
	09/26/17	8260B	10	10	0.81	2.8	0.054
	06/08/17	8260B	4.5	4.7	0.47	1.5	0.05
	03/02/17	8260B	3.9	3.4	0.59	1.6	0.065
MKTF-13	11/28/18	8260B	4.5	0.13	0.53	2.8	1.4
	08/30/18	8260B	3.5	0.12	0.65	3.2	1.2
	05/10/18	8260B	4.8	0.15	0.87	4	2
	03/15/17	8260B	3	0.21	0.87	4	2.3
MKTF-15	11/19/18	--	SPH Detected - No samples were collected.				
	08/28/18	8260B	17	4.6	1.8	5.8	0.14
	05/02/18	8260B	16	11	2.4	7.9	0.18
	02/08/18	--	SPH Detected - No samples were collected.				
	11/28/17	8260B	18	15	2.2	7.7	0.16
	09/26/17	--	SPH Detected - No samples were collected.				
	06/08/17	8260B	23	22	2.6	8.7	0.13
	03/02/17	8260B	24	17	2.1	7.7	0.16
MKTF-16	11/29/18	8260B	17	0.12	0.89	0.72	0.69
	08/31/18	8260B	17	0.13	1.3	1.4	0.64
	05/11/18	8260B	19	0.17	1.6	2	0.64
	02/15/18	8260B	1.8	0.024	0.015	0.23	0.04
	11/29/17	8260B	21	0.21	1.4	3.2	0.8
	09/26/17	8260B	23	0.24	1.6	3.9	0.92
	06/08/17	8260B	19	0.22	0.71	2.8	0.82
	03/14/17	8260B	22	0.34	1.7	4.9	0.72
MKTF-17	11/28/18	8260B	0.0036	<0.005	0.025	<0.0075	5.7
	08/24/18	8260B	0.0027	<0.005	0.12	<0.0075	5.3
	05/04/18	8260B	0.047	0.0011	0.14	0.002	7.4
	02/16/18	8260B	0.22	0.00098	0.21	<0.0075	4.9
	12/01/17	8260B	0.14	0.0008	0.17	<0.0075	1.5
	09/26/17	8260B	0.047	0.0011	0.68	<0.0075	0.94
	06/14/17	8260B	0.26	0.0017	0.58	0.0048	0.39
	03/15/17	8260B	0.29	0.0022	0.23	0.07	0.28
MKTF-18	11/28/18	8260B	0.0009	<0.002	<0.002	<0.003	0.13
	08/24/18	8260B	0.19	<0.002	0.011	<0.003	0.11
	05/04/18	8260B	0.11	<0.002	0.014	0.00073	0.14
	02/16/18	8260B	0.13	0.00033	0.021	<0.003	0.16
	06/14/17	8260B	0.03	<0.002	0.022	<0.003	0.1
	03/01/17	8260B	0.027	0.00033	0.026	0.00085	0.093

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS				
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.005**	**1**	**0.7**	**0.62**	**0.1**
40 CFR 141.61 MCL			0.005	1	0.7	10	NE
NMED Tap Water (MAR 2019)			0.00455	1.09	0.0149	0.193	0.143
EPA RSL for Tap Water (NOV 2018)			0.00046	1.1	0.0015	0.19	0.014
WELL ID	**DATE SAMPLED**	**METHOD**					
MKTF-19	11/28/18	8260B	**1.9**	<0.02	0.63	0.57	**10**
	08/24/18	8260B	**1.7**	0.0043	**0.71**	**0.74**	**9.7**
	05/04/18	8260B	**2**	0.0057	**0.87**	**0.82**	**11**
	02/16/18	8260B	**1.9**	0.0037	**0.74**	**0.64**	**10**
	12/01/17	8260B	**1.9**	0.0059	**0.75**	**0.75**	**11**
	09/26/17	8260B	**3.2**	0.014	**0.8**	**0.87**	**12**
	06/14/17	8260B	**2.3**	0.0084	**0.78**	**0.9**	**10**
	03/15/17	8260B	**1.8**	0.0098	0.6	**0.92**	**9**
MKTF-20 [1]	11/29/18	8260B	**3**	0.02	0.12	**2.5**	0.026
	08/31/18	8260B	**9.9**	0.064	**0.77**	**9.1**	0.096
	05/11/18	8260B	**13**	0.14	**1.3**	**13**	**0.13**
	02/15/18	8260B	**12**	0.19	**0.96**	**12**	0.055
	11/29/17	8260B	**17**	0.24	**0.8**	**11**	0.1
	09/26/17	8260B	**16**	0.34	0.58	**11**	**0.17**
	06/12/17	8260B	**21**	**3.5**	0.7	**14**	**0.16**
	03/14/17	8260B	**17**	**2.2**	0.26	**9.8**	**0.23**
MKTF-21 [1]	11/29/18	8260B	**2**	<0.02	0.11	0.14	**0.22**
	08/31/18	8260B	**5.9**	0.013	**0.8**	**0.99**	**0.5**
	05/11/18	8260B	**4.8**	0.0074	0.47	**0.67**	**0.52**
	02/15/18	8260B	**3.4**	0.0035	0.31	0.39	**0.39**
	11/28/17	8260B	**4.9**	0.018	0.52	**1.4**	**0.52**
	09/26/17	8260B	**6.3**	0.016	0.61	**0.83**	**0.63**
	06/21/17	8260B	**10**	0.041	0.69	**2.6**	**1.2**
	03/14/17	8260B	**8**	0.038	0.46	**2**	**0.61**
MKTF-22	11/28/18	8260B	**3**	0.0084	0.17	<0.03	**6**
	08/30/18	8260B	**2.2**	0.0056	0.12	<0.03	**5.4**
	05/10/18	8206B	**2.5**	0.0088	0.15	0.014	**5.9**
	02/08/18	8260B	**2.3**	0.0093	0.14	0.018	**5.7**
	11/28/17	8260B	**2.5**	0.013	0.18	0.025	**6**
	10/03/17	8260B	**2.4**	0.018	0.28	0.037	**4.9**
	06/08/17	8260B	**2.9**	0.014	0.18	0.022	**5.9**
	03/08/17	8260B	**3.5**	0.03	0.42	0.046	**6.5**
MKTF-23	06/10/16	8260B	**3.2**	0.98	0.3	**6.1**	**1.4**
	02/25/16	8260B	**3.1**	**1.2**	0.31	**6.7**	**1.6**
	11/09/15	8260B	**2.6**	**3**	0.57	**7.8**	**1.4**
	08/21/15	8260B	**3**	**2.7**	0.42	**6.2**	**1.2**
	06/09/15	8260B	**2.9**	**3**	0.51	**6.5**	**1.1**
	03/12/15	8260B	**3.3**	**4.8**	0.6	**8.1**	**1.1**
	11/17/14	8260B	**3.6**	**3**	0.47	**4.5**	**0.57**
	09/23/14	8260B	**2.7**	**1.4**	0.34	**1.6**	**0.48**
	04/10/14	--	SPH Detected - No samples were collected.				
	11/05/13	8021B	**0.92**	1	0.23	**0.66**	NA
MKTF-24	11/15/18	8260B	**4.8**	0.021	0.2	<0.03	**0.12**
	08/20/18	8260B	**4.8**	0.025	0.32	<0.03	**0.12**
	05/01/18	8260B	**5.5**	0.029	0.3	0.0065	**0.13**
	02/06/18	8260B	**6.3**	0.03	0.41	0.015	**0.17**
	11/20/17	8260B	**5.5**	0.023	0.32	0.018	**0.16**
	10/03/17	8260B	**2.6**	0.019	0.071	<0.03	**0.16**
	06/05/17	8260B	**6**	0.024	0.3	0.0083	**0.2**
	03/29/17	8260B	**3**	0.015	0.042	<0.03	**0.19**
MKTF-25	11/15/18	8260B	**1.7**	0.0059	0.0029	<0.015	**0.2**
	08/17/18	8260B	**4.5**	0.017	0.026	<0.015	**0.25**
	05/06/18	8260B	**3.4**	0.015	0.15	0.009	**0.26**
	02/05/18	8260B	**2**	0.01	0.11	0.003	**0.25**
	11/21/17	8260B	**1.6**	0.011	0.14	0.013	**0.2**
	09/25/17	8260B	**1.6**	0.01	0.13	0.014	**0.23**
	06/05/17	8260B	**0.62**	0.0028	0.021	0.003	**0.12**
	03/29/17	8260B	**0.78**	0.0045	0.024	0.0043	**0.12**
MKTF-26	06/09/16	8260B	**0.33**	0.019	0.0036	0.0077	0.082
	02/22/16	8260B	**0.15**	0.0014	<0.005	<0.0075	0.055
	11/04/15	8260B	**0.76**	0.0072	0.0069	<0.0075	0.094
	08/20/15	8260B	**0.38**	0.005	<0.005	<0.0075	0.065
	06/10/15	8260B	**0.8**	0.0087	0.0069	<0.0075	0.079
	03/11/15	8260B	**0.8**	0.0078	0.0071	<0.0075	0.099
	11/14/14	8260B	**0.97**	0.011	<0.005	<0.0075	0.094
	09/24/14	8260B	**1.6**	0.019	0.012	0.0016	0.084
	04/08/14	8260B	**0.017**	<0.001	<0.001	<0.0015	0.049
	11/01/13	8021B	**0.57**	0.008	0.15	0.002	NA
MKTF-27	11/15/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.021
	08/20/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.014
	05/01/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.025
	02/06/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.018
	11/20/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.023
	10/03/17	8260B	0.00013	<0.001	<0.001	<0.0015	0.025
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.031
	03/29/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.022

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS				
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.005**	**1**	**0.7**	**0.62**	**0.1**
40 CFR 141.61 MCL			0.005	1	0.7	10	NE
NMED Tap Water (MAR 2019)			0.00455	1.09	0.0149	0.193	0.143
EPA RSL for Tap Water (NOV 2018)			0.00046	1.1	0.0015	0.19	0.014
WELL ID	**DATE SAMPLED**	**METHOD**					
MKTF-28	11/15/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0028
	08/20/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.008
	05/01/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0094
	02/06/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.00074
	11/20/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0033
	10/03/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00035
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00044
	03/29/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00097
MKTF-29	11/15/18	8260B	<0.001	<0.001	<0.001	<0.001	0.0037
	08/20/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0047
	05/01/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0073
	02/06/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.011
	11/20/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0095
	10/03/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0072
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0058
	03/29/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0094
MKTF-30	11/15/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0021
	08/20/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0018
	05/01/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.0018
	02/06/18	8260B	0.00022	<0.001	<0.001	<0.0015	0.0028
	11/20/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0014
	10/03/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0011
	06/05/17	8260B	<0.002	<0.002	<0.002	<0.003	0.002
	03/29/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0028
MKTF-31	11/15/18	8260B	0.0011	<0.001	<0.001	<0.0015	0.088
	08/17/18	8260B	0.00073	<0.001	<0.001	<0.0015	0.088
	05/06/18	8260B	0.00099	<0.001	<0.001	<0.0015	**0.11**
	02/05/18	8260B	0.0013	<0.001	<0.001	<0015	0.085
	11/21/17	8260B	0.00062	<0.001	<0.001	<0.0015	0.066
	09/25/17	8260B	0.00085	<0.001	<0.001	<0.0015	0.076
	06/05/17	8260B	0.00066	<0.001	<0.001	<0.0015	0.072
	03/07/17	8260B	0.00062	<0.001	<0.001	<0.0015	0.074
MKTF-32	11/15/18	8260B	<0.002	<0.002	<0.002	<0.003	**0.81**
	08/28/18	8206B	0.00076	<0.002	<0.002	<0.003	**0.78**
	05/09/18	8260B	0.0004	<0.001	<0.001	<0.0015	**0.82**
	02/07/18	8260B	0.00049	<0.001	<0.001	<0.0015	**0.74**
	11/27/17	8260B	0.00028	<0.001	<0.001	<0.0015	**0.6**
	09/25/17	8260B	0.00038	<0.001	<0.001	<0.0015	**0.69**
	06/06/17	8260B	0.00042	<0.001	<0.001	<0.0015	**0.64**
	03/07/17	8260B	0.00045	<0.001	<0.001	<0.0015	**0.66**
MKTF-33	11/28/18	8260B	<0.002	<0.002	<0.002	<0.003	**0.45**
	08/30/18	8260B	<0.001	<0.001	<0.001	<0.003	**0.58**
	05/10/18	8260B	<0.001	<0.001	<0.001	<0.0015	**0.57**
	02/08/18	8260B	<0.001	<0.001	<0.001	0.00055	**0.41**
	11/28/17	8260B	0.00011	<0.001	<0.001	<0.0015	**0.53**
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.0015	**0.25**
	06/08/17	8260B	<0.001	<0.001	<0.001	<0.0015	**0.22**
	03/08/17	8260B	<0.001	<0.001	<0.001	<0.0015	**0.23**
MKTF-34	11/28/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.001
	08/24/18	8260B	0.00024	<0.001	<0.001	<0.0015	0.00087
	05/04/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.00087
	02/16/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.00066
	12/01/17	8260B	0.000096	<0.001	<0.001	<0.0015	0.00075
	09/26/17	8260B	0.0003	<0.001	0.00014	<0.0015	0.00078
	06/14/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00038
	03/01/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00058
MKTF-35	11/28/18	8260B	**0.019**	0.00017	0.0012	<0.0015	0.077
	08/23/18	8260B	**0.011**	<0.001	0.00068	<0.0015	0.063
	05/03/18	8260B	**0.0099**	<0.001	0.00074	<0.0015	0.056
	02/18/18	8260B	0.0024	0.0034	0.00038	<0.0015	0.078
	11/30/17	8260B	0.0015	0.0001	0.00029	<0.0015	**0.11**
	09/27/17	8260B	0.0015	<0.001	0.00015	<0.0015	0.077
	06/14/17	8260B	0.0023	<0.001	0.0011	<0.0015	0.033
	03/01/17	8260B	**0.053**	0.00011	0.0027	<0.0015	0.0079
MKTF-36	11/29/18	--	Could not locate well - No samples were collected.				
	09/05/18	8260B	**7.4**	0.019	**1.5**	0.11	**1.3**
	05/03/18	8260B	**9.4**	0.03	**1.9**	0.19	**2.1**
	02/15/18	8260B	**8.4**	0.02	**1.5**	0.16	**2.5**
	11/30/17	8260B	**9.5**	0.03	**1.7**	0.22	**2.9**
	09/27/17	8260B	**9.1**	0.023	**1.6**	0.067	**2.3**
	06/14/17	8260B	**9.4**	0.017	**1.6**	0.27	**3.9**
	03/01/17	8260B	**8.6**	0.013	**1.4**	0.032	**8**
MKTF-37	11/27/18	--	SPH Detected - No samples were collected.				
	08/23/18	8260B	**1.3**	0.014	0.036	0.37	0.037
	05/03/18	8260B	**2.1**	0.05	0.078	0.58	0.041
	02/15/18	--	SPH Detected - No samples were collected.				
	11/30/17	--	SPH Detected - No samples were collected.				
	09/27/17	--	SPH Detected - No samples were collected.				
	06/14/17	--	SPH Detected - No samples were collected.				
	03/01/17	8260B	**2**	0.18	0.024	**0.96**	0.032
MKTF-38	11/20/18	8260B	0.0012	0.053	0.00023	0.00077	0.00066
	08/21/18	8260B	<0.001	<0.001	<0.001	<0.0015	0.00036
	05/03/18	8260B	0.0003	<0.001	<0.001	<0.0015	0.00078
	02/12/18	8260B	0.00018	0.00019	0.00013	0.00057	0.001
	11/30/17	8260B	0.0012	0.000074	<0.001	<0.0015	0.001
	09/28/17	8260B	0.002	<0.001	<0.001	<0.0015	0.00049
	06/21/17	8260B	0.00079	<0.001	<0.001	<0.0015	0.00068

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS				
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.005**	**1**	**0.7**	**0.62**	**0.1**
40 CFR 141.61 MCL			0.005	1	0.7	10	NE
NMED Tap Water (MAR 2019)			0.00455	1.09	0.0149	0.193	0.143
EPA RSL for Tap Water (NOV 2018)			0.00046	1.1	0.0015	0.19	0.014
WELL ID	**DATE SAMPLED**	**METHOD**					
	03/14/17	8260B	0.00017	<0.001	<0.001	<0.0015	0.00048
MKTF-39	11/20/18	8260B	**0.0084**	0.00065	0.03	0.0039	<0.001
	08/21/18	8260B	**0.0083**	<0.001	0.045	<0.0015	<0.001
	05/06/18	8260B	**0.012**	<0.005	0.056	<0.0075	<0.005
	02/08/18	8260B	**0.013**	0.0024	0.048	<0.0075	<0.005
	11/28/17	8260B	**0.013**	<0.005	0.05	<0.0075	<0.005
	09/28/17	8260B	**0.01**	<0.005	0.049	<0.0075	<0.005
	06/08/17	8260B	**0.012**	<0.005	0.057	<0.0075	<0.005
	03/14/17	8260B	**0.012**	<0.005	0.063	<0.0075	<0.005
MKTF-40	11/15/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	08/17/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	05/06/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	02/08/18	8260B	0.00019	<0.001	<0.001	<0.0015	0.00053
	11/21/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00046
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00046
	03/07/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00041
MKTF-41	11/15/18	8260B	<0.001	<0.001	<0.001	0.0012	0.0014
	08/29/18	8260B	<0.001	<0.001	<0.001	0.00082	0.0011
	05/09/18	8260B	<0.001	<0.001	<0.001	0.00047	0.0016
	02/07/18	8260B	<0.001	<0.001	<0.001	0.00036	0.0014
	11/27/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.00081
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0012
	06/06/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0012
	03/07/17	8260B	<0.001	<0.001	<0.001	<0.0015	0.0012
MKTF-42	11/15/18	8260B	**0.03**	0.0021	0.0087	0.11	0.005
	08/29/18	8260b	**0.011**	0.0007	0.0018	0.032	0.0043
	05/09/18	8260B	**0.0093**	0.00076	0.0016	0.031	0.0038
	02/07/18	8260B	**0.0084**	0.00056	0.0015	0.032	0.0033
	11/27/17	8260B	**0.0071**	0.0008	0.0026	0.037	0.002
	09/25/17	8260B	**0.0093**	0.00098	0.0039	0.046	0.002
	06/06/17	8260B	0.0049	0.00037	0.0011	0.021	0.0014
	03/07/17	8260B	0.0049	0.00044	0.0011	0.024	0.0011
MKTF-43	11/15/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	08/30/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	05/09/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	02/07/18	8260B	0.00018	<0.001	<0.001	<0.0015	<0.001
	11/27/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	06/06/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	03/08/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
MKTF-44	11/15/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	08/30/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	05/10/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	02/08/18	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	11/28/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001
	03/08/17	8260B	<0.001	<0.001	<0.001	<0.0015	<0.001

DEFINITIONS
NE = Not established
NA = Not analyzed
Bold and highlighted values represent values above the applicable standards
STANDARDS
WQCC 20 NMAC 6.2.3103 - Standards for Ground Water of 10,000 mg/l TDS Concentration or Less.
a) Human Health Standards; b) Other Standards for Domestic Water
40 CFR 141.61 Maximum Contaminant Levels for Organic Contaminants
NMED Risk Assessment Guidance for Investigations and Remediations Table A-1
EPA Regional Screening Level (RSL) Summary Table
NOTES
MKTF-13 and MKTF-15 - 1st Quarter - had hydrocarbon layer - not sampled.
MKTF-15 - had hydrocarbon layer -4th Quarter - no samples collected.
MKTF-36 - Was not able to locate well at Truck Loading Rack for the 4th Qtr 2018.
MKTF-37 - Hydrocarbon layer, sheen detected in 4th Qtr 2018.

Table 2
Groundwater Analyses Summary

WELL ID	DATE SAMPLED	METHOD	1,2,4-Trimethyl benzene (mg/L)	1,3,5-Trimethyl benzene (mg/L)	1,2-Dichloro ethane (EDC) (mg/L)	1,2-Dibromoethane (EDB) (mg/L)	Naphtha-lene (mg/L)	1-Methyl naphtha-lene (mg/L)	2-Methyl naphtha-lene (mg/L)	Acetone (mg/L)	Bromo methane (mg/L)	(Methyl ethyl ketone) 2-Butanone (mg/L)	Chloro benzene (mg/L)	Chloro-ethane (mg/L)	Chloro-form (mg/L)	Chloro-methane (mg/L)	cis-1,2-DCE (mg/L)	1,2-Dichloro benzene (mg/L)	1,4-Dichloro benzene (mg/L)	1,1-Dichloro ethane (mg/L)	1,1-Dichloro ethene (mg/L)	1,2-Dichloro propane (mg/L)	2-Hexanone (mg/L)	Isopropyl benzene (mg/L)	4-Isopropyl toluene (mg/L)	4-Methyl-2-pen-tanone (mg/L)	Methylene Chloride (mg/L)	n-Butyl benzene (mg/L)	n-Propyl benzene (mg/L)	sec-Butyl benzene (mg/L)	Styrene (mg/L)	tert-Butyl benzene (mg/L)	Tetra-chloro ethene (PCE) (mg/L)	1,2,4-Trichloro-benzene (mg/L)	1,1,1-Trichloro ethane (mg/L)	1,1,2-Trichloro ethane (mg/L)	Trichloro ethene (TCE) (mg/L)	Vinyl Chloride (mg/L)
STANDARDS			PARAMETERS																																			
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	0.005	0.00005	0.03	NE	NE	NE	NE	NE	NE	NE	0.1	NE	0.07	0.6	0.075	0.025	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
40 CFR 141.61 MCL			NE	NE	0.005	0.00005	NE	NE	NE	NE	NE	NE	0.1	NE	NE	NE	0.07	NE	0.075	NE	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
NMED Tap Water (MAR 2019)			NE	NE	0.0017	0.0000747	0.00165	0.0114	0.035	14.06	0.00754	5.56	0.0776	20.86	0.00229	0.0203	0.0365	NE	0.0048	0.0275	0.284	0.00437	NE	0.447	NE	1.24	0.106	NE	NE	NE	1.21	NE	NE	0.00398	8	0.000415	0.00259	0.00032
EPA RSL for Tap Water (NOV 2018)			0.056	0.06	0.013	0.0000075	0.00017	0.0011	0.036	14	0.0075	5.6	0.078	21	0.00022	0.19	0.036	0.3	0.00048	0.0028	0.28	0.00085	0.038	0.45	NE	6.3	0.011	1	0.66	2	1.2	0.69	0.011	0.0012	8	0.00028	0.00049	0.000019
MKTF-1	09/07/16	8260B/8011/504.1/EDB	0.039	<0.01	0.0039	0.017	0.01	0.012	<0.04	0.01		0.0036					0.015			0.048	0.019			0.012	<0.01	0.00098	<0.003	<0.03	0.025	0.0032	0.00059		0.00028		0.00061	<0.001	0.0025	0.0011
	02/24/16	8260B	0.66	0.03	0.0091	<0.05	0.11	0.067	0.035	0.16		<0.5					0.026			0.06	0.025			0.046	<0.05		0.016	0.022	0.16	0.0082	<0.5		<0.05		<0.05	<0.05	<0.05	0.022
	11/04/15	8260B	0.71	0.054	<0.005		0.091	0.062	0.032	<0.05		<0.05					0.037			0.074	0.046			0.047	<0.005			<0.015	0.1	0.0084			<0.005		<0.005	<0.005	<0.005	0.012
	08/21/15	8260B	0.65	0.057	<0.005		0.081	0.044	<0.02	<0.05		<0.05					0.042			0.065	0.051			0.045	<0.005			0.019	0.13	0.011			<0.005		<0.005	<0.005	<0.005	<0.005
	06/09/15	8260B	0.67	0.13	<0.05		<0.1	<0.2	<0.2	<0.5		<0.5					<0.05			0.056	<0.05			<0.05	<0.05			<0.15	0.11	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	03/11/15	8260B	0.59	0.1	<0.05		<0.1	<0.2	<0.2	<0.5		<0.5					<0.05			0.066	0.058			<0.05	<0.05			<0.15	0.11	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
MKTF-2	11/28/18	8260B/8011/504.1/EDB	0.46	0.022	<0.01	<0.0000095	0.042	0.025	0.0045	<0.1		<0.1		0.0099			0.0086		<0.01	0.044	0.007		<0.1	0.027	0.0029	<0.1	<0.03	0.0095	0.096	0.0059	<0.01		<0.01		<0.01	<0.01	<0.01	0.028
	08/20/18	8260B/8011/504.1/EDB	0.06	<0.01	0.0078	0.0000053	0.0055	0.0034	<0.04	<0.1		<0.1					0.0099		<0.01	0.042	0.024		<0.1	0.0074	<0.01	<0.1	<0.03	<0.03	0.018	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	0.0071
	05/01/18	8260B	0.2	0.0092	0.0048	<0.01	0.023	0.016	<0.04	<0.1		<0.1					0.016		<0.01	0.033	0.011		<0.1	0.015	0.0011	<0.1	<0.03	0.0041	0.045	0.0024	<0.01		<0.01		<0.01	0.0016	0.0018	0.0063
	02/06/18	8260B/8011/504.1/EDB	0.18	0.005	<0.005	0.015	0.022	0.02	0.0028	<0.05		<0.05					0.014		<0.005	0.041	0.018		<0.05	0.014	0.0014	<0.05	<0.015	0.0038	0.038	0.0022	<0.005		<0.005		<0.005	<0.005	0.003	0.0037
	11/20/17	8260B	0.2	0.003	0.0033	<0.005	0.027	0.031	0.0015	0.0074		<0.05					0.016		<0.005	0.047	0.021		<0.05	0.021	0.0011	<0.05	<0.015	0.0049	0.059	0.0027	<0.005		<0.005		<0.005	0.00095	0.0024	0.0039
	10/03/17	8260B	0.053	<0.005	0.0035	<0.005	0.0067	0.0095	<0.02	<0.05		<0.05					0.017		<0.005	0.045	0.021		<0.05	0.017	0.00088	<0.05	0.0018	0.0045	0.047	0.0021	<0.005		<0.005		<0.005	<0.005	0.0019	0.0051
	03/16/17	8260B/8011/504.1/EDB	0.36	0.024	<0.01	<0.01	0.044	0.031	0.0058	0.016		<0.1					0.024		<0.01	0.062	0.026		<0.1	0.033	0.0026	<0.1	<0.03	0.0091	0.096	0.0052	<0.01		<0.01		<0.01	<0.01	0.0042	0.0051
MKTF-4	11/20/18	8260B/8011/504.1/EDB	0.46	0.073	<0.002	<0.0000094	0.32	0.18	0.17	0.02		<0.02			0.00044		0.0071			0.011	0.017		<0.02	0.02	0.0039			0.0061	0.049	0.0037	0.00096	<0.02	<0.02		<0.002	<0.002	0.0015	<0.002
	09/04/18	8260B/8011/504.1/EDB	0.48	0.093	0.0043	<0.0000094	0.36	0.19	0.2	0.049		<0.1					0.008			0.0074	0.0077		<0.1	0.027	0.004			0.011	0.068	0.0048	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
	05/02/18	8260B	0.52	0.086	<0.01	<0.01	0.32	0.19	0.17	<0.1		<0.1					0.0095			0.014	0.02		<0.1	0.027	0.0048			0.0078	0.058	0.0047	<0.01	<0.01	<0.01		<0.01	<0.01	0.0017	<0.01
	02/14/18	8260B	0.42	0.068	<0.01	<0.01	0.26	0.14	0.12	<0.1		<0.1					0.011			0.0084	0.012		<0.1	0.023	0.0039			0.0093	0.048	0.0028	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
	11/28/17	8260B	0.58	0.11	<0.005	<0.005	0.42	0.25	0.26	0.016		<0.05					0.0061			0.0057	0.0087		<0.05	0.029	0.0055			0.01	0.073	0.006	0.0017	0.00072	<0.005		<0.005	<0.005	0.0022	<0.005
	09/26/17	8260B	0.57	0.11	<0.005	<0.005	0.45	0.26	0.26	<0.05		<0.05					0.0052			0.0034	0.0058		<0.05	0.03	0.005			0.01	0.077	0.0058	0.0014	<0.005	<0.005		<0.005	<0.005	0.0013	<0.005
	06/08/17	8260B	0.47	0.08	<0.005	<0.005	0.33	0.18	0.15	0.023		<0.05					0.0059			0.0063	0.013		<0.05	0.019	0.0041			0.0062	0.041	0.0036	0.0013	<0.005	<0.005		<0.005	<0.005	0.0014	<0.005
	03/02/17	8260B	0.49	0.088	0.0025	<0.005	0.37	0.2	0.2	<0.05		<0.05					0.0048			0.0046	0.0075		<0.05	0.023	0.0037			0.0059	0.06	0.0052	0.00086	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
MKTF-9	11/28/18	8260B	0.11	<0.02	<0.02	<0.02	0.062	0.07	0.014	<0.2		<0.2					0.02			0.022	0.034			0.011	<0.02			<0.06	0.022	<0.02	<0.02		<0.02		0.031	<0.02	<0.02	<0.02
	09/04/18	8260B	0.099	<0.02	<0.02	<0.02	0.073	0.076	0.017	<0.2		<0.2					0.021			0.09	0.028			0.017	<0.02			0.0067	0.039	0.0043	<0.02		<0.02		0.028	<0.02	<0.02	<0.02
	05/02/18	8260B	0.095	<0.01	<0.01	<0.01	0.062	0.08	0.0099	<0.1		<0.1					0.023			0.026	0.036			0.019	0.0031			0.0087	0.037	0.005	<0.01		0.0028		0.033	<0.01	0.0032	<0.01
	02/14/18	8260B	0.086	0.0013	<0.01	<0.01	0.05	0.064	0.009	<0.1		<0.1					0.026			0.015	0.028			0.017	0.0024			0.0075	0.031	0.0043	<0.01		0.002		0.031	<0.01	0.0029	<0.01
	11/28/17	8260B	0.093	0.0028	<0.01	<0.01	0.057	0.08	0.016	<0.1		<0.1					0.017			0.019	0.03			0.017	0.0043			0.0095	0.034	0.0058	0.0022		0.0026		0.029	<0.01	0.0044	<0.01
	09/28/17	8206B	0.095	<0.01	<0.01	<0.01	0.083	0.098	0.016	<0.1		<0.1					0.0096			0.0098	0.013			0.021	0.0025			0.0084	0.043	0.004	<0.01		0.0019		0.013	<0.01	<0.01	<0.01
	06/12/17	8260B	0.087	0.0013	<0.01	<0.01	0.062	0.091	0.013	<0.1		<0.1					0.013			0.014	0.017			0.019	0.0024			0.0086	0.042	0.0044	<0.01		<0.01		0.017	<0.01	0.0027	<0.01
	03/15/17	8260B	0.078	0.0017	<0.01	<0.01	0.051	0.08	0.01	0.013		<0.1					0.02			0.019	0.021			0.02	0.0035			0.01	0.038	0.0053	<0.01		0.0033		0.02	<0.01	0.0054	<0.01
MKTF-10	11/20/18	8260B	1.1	0.25	<0.02	<0.02	0.23	0.068	0.087	<0.2		<0.2		0.073			0.058			<0.02	0.0051			0.06	0.0082	<0.2	<0.06	0.014	0.14	0.012			<0.02		<0.02	<0.02	<0.02	0.0074
	09/04/18	8260B	1	0.23	<0.05	<0.05	0.22	0.074	0.099	<0.5		<0.5		0.063			0.047			<0.05	0.012			0.062	<0.05	<0.5	<0.15	0.014	0.15	<0.05			<0.05		<0.05	<0.05	<0.05	0.018
	05/02/18	8260B	1.2	0.27	<0.05	<0.05	0.24	0.088	0.1	<0.5		<0.5		0.085			0.06			<0.05	<0.05			0.073	0.011	<0.5	<0.15	0.02	0.17	0.014			<0.05		<0.05	<0.05	<0.05	<0.05
	02/14/18	8260B	0.97	0.23	<0.05	<0.05	0.2	0.067	0.083	<0.5		<0.5		0.068			0.066			<0.05	<0.05			0.062	0.0075	<0.5	<0.15	0.022	0.13	0.011			<0.05		<0.05	<0.05	<0.05	0.018
	11/28/17	8260B	1	0.25	<0.1	<0.1	0.24	0.11	0.13	<1		<1		0.067			0.051			<0.1	<0.1			0.068	0.024	<1	<0.3	0.034	0.14	0.023			<0.1		<0.1	<0.1	<0.1	<0.1
	09/28/17	8260B	0.92	0.21	<0.1	<0.1	0.23	0.098	0.097	<1		<1		<0.2			0.053			<0.1	<0.1			0.053	<0.1	<1	<0.3	<0.3	0.13	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	06/08/17	8260B	0.93	0.22	<0.1	<0.1	0.17	0.066	0.075	<1		<1		0.077			0.045			<0.1	<0.1			0.055	0.012	<1	<0.3	0.018	0.12	0.011			<0.1		<0.1	<0.1	<0.1	<0.1
	03/02/17	8260B	0.98	0.22	<0.1	<0.1	0.23	0.064	0.066	<1		<1		<0.2			0.043			<0.1	<0.1			0.04	<0.1	0.084	<0.3	<0.3	0.11	0.033			<0.1		<0.1	<0.1	<0.1	<0.1
MKTF-11	11/20/18	8260B	0.31	0.07	<0.05	<0.05	0.049	<0.2	<02	<0.5		<0.5		0.014			<0.05			0.023	<0.05		<0.2	0.014	<0.05	<0.5	<0.15	<0.15	0.025	<0.05			<0.05		<0.05	<0.05	<0.05	0.013
	09/04/18	8260B	0.37	0.063	<0.05	<0.05	0.079	0.031	0.033	<0.5		<0.5		<0.1			<0.05			0.029	<0.05		<0.5	0.024	<0.05	<0.5	<0.15	<0.15	0.073	<0.05			<0.05		<0.05	<0.05	<0.05	0.027
	05/02/18	8260B	0.5	0.094	<0.02	<0.02	0.1	0.025	0.024	0.071		0.13		0.024			<0.02			0.032	<0.02		<0.02	0.035	0.0045	0.021	<0.06	0.01	0.096	0.011			<0.02		<0.02	<0.02	<0.02	0.028
	02/08/18	8260B	0.37	0.068	<0.02	<0.02	0.07	0.018	0.018	0.11		0.15		0.023			<0.02			0.031	<0.02		<0.02	0.029	0.0046	0.033	<0.06	0.0094	0.07	0.0097			<0.02		<0.02	<0.02	<0.02	0.025
	11/28/17	8260B	0.33	0.063	<0.02	<0.02	0.065	0.018	0.018	0.094		0.15		0.023			<0.02			0.04	<0.02		<0.2	0.027	0.0056	0.029	<0.06	0.01	0.068	0.012			<0.02		<0.02	<0.02	<0.02	0.03
	09/26/17	8260B	0.34	0.072	<0.02	<0.02	0.075	0.023	0.02	0.042		0.2		0.017			<0.02			0.025	<0.02		<0.2	0.025	0.004	0.047	<0.06	0.0084	0.065	0.0088			<0.02		<0.02	<0.02	<0.02	0.022
	06/08/17	8260B	0.21	0.044	<0.02	<0.02	0.035	0.016	0.014	0.05		0.13		0.024			<0.02			0.053	<0.02		<0.2	0.018	0.0029	0.016	<0.06	0.0067	0.042	0.0086			<0.02		<0.02	<0.02	<0.02	0.042
	03/02/17	8260B	0.33	0.058	<0.02	<0.02	0.055	0.018	0.014	<0.2		<0.2		<0.04			<0.02			0.055	<0.02		0.021	0.023	<0.02	<0.2	<0.06	0.0043	0.067	0.014			<0.02		<0.02	<0.02	<0.02	0.054
MKTF-13	11/28/18	8260B	0.52	0.14	<0.02	<0.02	0.17	0.094	0.11	<0.2		<0.2					<0.02	<0.02			<0.02			0.022	0.0061			0.0065	0.04	0.0054								
	08/30/18	8260B	0.58	0.15	<0.02	<0.02	0.21	0.11	0.13	0.017		<0.2					<0.02	<0.02			<0.02			0.029	0.0065			0.007	0.059	0.0058								
	05/10/18	8260B	0.69	0.18	<0.005	<0.005	0.23	0.12	0.14	0.037		<0.05					<0.001	0.00075			0.0025			0.04	0.0088			0.013	0.075	0.0089								
	03/15/17	8260B	0.68	0.17	<0.01	<0.01	0.21	0.11	0.13	0.03		<0.1					<0.01				<0.01			0.04	0.009			0.015	0.083	0.01								
MKTF-15	08/28/18	8260B	0.71	0.2	<0.05	<0.05	0.085	0.019	0.024	<0.5		<0.5		0.025			<0.05			0.076	<0.005			0.097	0.015	<0.5		0.019	0.16	<0.05			<0.05		<0.05	<0.05	<0.05	0.021
	05/02/18	8260B	0.79	0.22	<0.1	<0.1	0.11	0.05	0.048	<1.0		<1.0		<0.2			<0.1			0.075	<0.1			0.12	0.016	<1.0		0.021	0.17	0.02			<0.1		<0.1	<0.1	<0.1	<0.1
	11/28/17	8260B	0.72	0.21	<0.1	<0.1	0.1	<0.4	<0.4	0.2		0.36		0.041			<0.1			<0.1	<0.1			0.12	0.027	<1		0.031	0.17	0.03			<0.1		<0.1	<0.1	<0.1	0.018
	06/08/17	8260B	0.79	0.25	<0.1	<0.1	0.052	<0.4	<0.4	0.28		0.47		<0.2			<0.1			<0.1	<0.1			0.16	0.023	<1		0.023	0.19	0.027			<0.1		<0.1	<0.1	<0.1	<0.1
	03/02/17	8260B	0.75	0.21	<0.1	<0.1	0.078	<0.4	0.032	<1		<1		<0.2			<0.1			0.042	<0.1			0.11	<0.1	<1		<0.3	0.16	0.039			<0.1		<0.1	<0.1	<0.1	0.045
MKTF-16	11/29/18	8260B	0.39	0.036	<0.1	<0.1	0.089	<0.4	<0.4	<1.0	<0.3	<1.0					<0.1			<0.1	<0.1			<0.1	<0.1			<0.3	0.042	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	08/31/18	8260B	0.58	0.07	<0.1	<0.1	0.15	<0.4	0.037	<1.0	<0.3	<1.0					<0.1			0.047	<0.1			<0.1	<0.1			<0.3	0.066	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	05/11/18	8260B	0.69	0.098	<0.05	<0.05	0.14	0.04	0.043	<0.5	<0.15	<0.5					<0.05			0.036	<0.05			0.03	<0.05			<0.15	0.078	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	02/15/18	8260B	0.026	0.041	<0.01	<0.01	0.0081	0.0065	<0.04	0.05	<0.03	<0.1					<0.01			0.0062	<0.01			<0.01	<0.01			0.0019	<0.01	<0.01			<0.01		<0.01	<0.01	<0.01	0.0058
	11/29/17	8260B	0.69	0.19	<0.1	<0.1	0.16	0.066	0.072	<1	<0.3	<1					<0.1			<0.1	<0.1			0.033	<0.1			<0.3	0.067	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	09/26/17	8260B	0.75	0.2	<0.1	<0.1	0.17	0.053	0.057	<1	<0.3	<1					<0.1			0.042	<0.1			0.031	<0.1			<0.3	0.088	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	06/08/17	8260B	0.44	0.18	<0.1	<0.1	0.12	0.046	0.051	<1	<0.3	<1					<0.1			<0.1	<0.1			0.013	<0.1			<0.3	0.031	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	03/14/17	8260B	0.75	0.23	<0.1	<0.1	0.14	0.056	0.062	<1	<0.3	<1					<0.1			0.03	<0.1			0.033	<0.1			<0.3	0.086	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
MKTF-17	11/28/18	8260B	<0.005	<0.005	<0.005	<0.005	<0.01	<0.02	<0.02	<0.05	<0.015	<0.05					<0.005			<0.005	<0.005			0.0025	<0.005			<0.015	0.0028	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	08/24/18	8260B/8011/504.1/EDB	0.72	0.11	<0.02	0.033	0.52	0.21	0.29	<0.2	<0.06	<0.2					<0.02			<0.02	<0.02			0.034	0.0064			0.016	0.099	0.0077	<0.02		<0.02		<0.02	<0.02	<0.02	<0.02
	05/04/18	8260B	0.0014	<0.005	<0.005	<0.005	0.0024	0.0032	<0.02	<0.05	<0.015	<0.05					<0.005			<0.005	<0.005			0.0072	<0.005			<0.015	0.0091	0.0015	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	02/16/18	8260B	0.00062	<0.005	<0.005	<0.005	0.0051	0.0043	<0.02	<0.05	<0.015	<0.05					<0.005			<0.005	<0.005			0.0099	<0.005			0.00083	0.013	0.0015	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	12/01/17	8260B	<0.005	<0.005	<0.005	<0.005	0.0035	<0.02	<0.02	<0.05	<0.015	<0.05					<0.005			<0.005	<0.005			0.0097	0.0015			0.0016	0.016	0.0025	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	09/26/17	8260B	0.00073	<0.005	<0.005	<0.005	0.0079	0.012	<0.02	<0.05	<0.015	<0.05					<0.005			<0.005	<0.005			0.049	0.0022			0.0049	0.11	0.0087	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	06/14/17	8260B	0.075	<0.005	<0.005	<0.005	0.032	0.025	0.0016	<0.05	<0.015	<0.05					<0.005			<0.005	<0.005			0.035	0.0021			0.0035	0.077	0.0059	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	03/15/17	8260B	0.034	0.0035	<0.01	<0.01	0.011	0.0072	0.0047	0.018	<0.03	<0.1					<0.01			<0.01	<0.01			0.01	0.0022			0.0018	0.016	0.0022	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01
MKTF-18	11/28/18	8260B/8011/504.1/EDB	<0.002	<0.002	<0.002	<0.0000095	<0.004	<0.008	<0.008	<0.02		<0.02					<0.002		<0.002	<0.002	<0.002			<0.002	<0.002			<0.006	<0.002	<0.002		<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
	08/24/18	8260B/8011/504.1/EDB	<0.002	<0.002	<0.002	<0.0000095	0.027	0.12	0.036	<0.02		<0.02					0.002		<0.002	<0.002	0.00039			0.0017	<0.002			0.00074	0.0019	0.00069		<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
	05/04/18	8260B	0.00068	<0.002	<0.002	<0.002	0.03	0.13	0.037	<0.02		<0.02					0.0032		<0.002	<0.002	0.00062			0.0027	0.00032			0.0013	0.0034	0.0018		0.00025	<0.001		<0.002	<0.002	<0.002	<0.002
	02/16/18	8260B	0.00023	<0.002	<0.002	<0.002	0.022	0.085	0.023	0.0018		<0.02					0.0051		<0.002	0.001	0.00072			0.0038	0.00023			0.0018	0.005	0.0021		<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
	06/14/17	8260B	<0.002	<0.002	<0.002	<0.002	0.028	0.12	0.035	<0.02		<0.02					0.0033		<0.002	0.00093	0.0008			0.0042	0.00065			0.0031	0.0073	0.003		<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
	03/01/17	8260B	0.0013	<0.001	0.00047	<0.001	0.031	0.089	0.03	<0.01		<0.01					0.0031		<0.001	0.00085	0.00069			0.0047	0.001			0.003	0.0083	0.003		0.00031	<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-19	11/28/18	8260B/8011/504.1	0.58	0.079	<0.02	<0.0000094	0.34	0.078	0.13	<0.2		<0.2					<0.02			<0.02	<0.02			0.028	<0.02		<0.06	0.0071	0.079	0.0046	<0.02		<0.02		<0.02	<0.02	<0.02	<0.02
	08/24/18	8260B/8011/501.1	0.72	0.11	0.02	0.0000094	0.52	0.21	0.29	<0.2		<0.2					<0.02			<0.02	<0.02			0.034	0.0064		<0.06	0.016	0.099	0.0077	<0.02		<0.02		<0.02	<0.02	<0.02	<0.02
	05/04/18	8260B	0.78	0.1	<0.005	<0.005	0.58	0.22	0.32	<0.05		<0.05					0.002			<0.005	<0.005			0.041	0.006		<0.015	0.015	0.12	0.0078	<0.005		<0.005		<0.005	<0.005	<0.005	<0.005
	02/16/18	8260B	0.67	0.085	<0.02	<0.02	0.57	0.21	0.27	<0.2		<0.2					<0.02			<0.02	<0.02			0.036	0.0048		<0.06	0.014	0.097	0.0061	<0.02		<0.02		<0.02	<0.02	<0.02	<0.02
	12/01/17	8260B	0.72	0.1	<0.01	<0.01	0.6	0.27	0.34	<0.1		<0.1					<0.01			<0.01	<0.01			0.034	0.0063		<0.03	0.014	0.1	0.0074	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01
	09/26/17	8260B	0.53	0.067	<0.01	<0.01	0.44	0.17	0.23	<0.1		<0.1					<0.01			<0.01	<0.01			0.026	0.0052		<0.03	0.013	0.073	0.006	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01
	06/14/17	8260B	0.6	0.087	<0.01	<0.01	0.41	0.19	0.23	<0.1		<0.1					<0.01			<0.01	<0.01			0.03	0.0042		<0.03	0.01	0.081	0.005	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01
	03/15/17	8260B	0.66	0.098	<0.02	<0.02	0.43	0.17	0.2	<0.2		<0.2					<0.02			<0.02	<0.02			0.024	0.0058		<0.06	0.011	0.054	0.0052	<0.02		<0.02		<0.02	<0.02	<0.02	<0.02

Table 2
Groundwater Analyses Summary

WELL ID	DATE SAMPLED	METHOD	1,2,4-Trimethyl benzene (mg/L)	1,3,5-Trimethyl benzene (mg/L)	1,2-Dichloro ethane (EDC) (mg/L)	1,2-Dibro moethane (EDB) (mg/L)	Naphtha-lene (mg/L)	1-Methyl naphtha-lene (mg/L)	2-Methyl naphtha-lene (mg/L)	Acetone (mg/L)	Bromo methane (mg/L)	(Methyl ethyl ketone) 2-Butanone (mg/L)	Chloro benzene (mg/L)	Chloro-ethane (mg/L)	Chloro-form (mg/L)	Chloro-methane (mg/L)	cis-1,2-DCE (mg/L)	1,2-Dichloro benzene (mg/L)	1,4-Dichloro benzene (mg/L)	1,1-Dichloro ethane (mg/L)	1,1-Dichloro ethene (mg/L)	1,2-Dichloro propane (mg/L)	2-Hexanone (mg/L)	Isopropyl benzene (mg/L)	4-Isopropyl toluene (mg/L)	4-Methyl-2-pen-tanone (mg/L)	Methylene Chloride (mg/L)	n-Butyl benzene (mg/L)	n-Propyl benzene (mg/L)	sec-Butyl benzene (mg/L)	Styrene (mg/L)	tert-Butyl benzene (mg/L)	Tetra-chloro ethene (PCE) (mg/L)	1,2,4-Trichloro-benzene (mg/L)	1,1,1-Trichloro ethane (mg/L)	1,1,2-Trichloro ethane (mg/L)	Trichloro ethene (TCE) (mg/L)	Vinyl Chloride (mg/L)
STANDARDS																																						
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	0.005	0.00005	0.03	NE	NE	NE	NE	NE	NE	NE	0.1	NE	0.07	0.6	0.075	0.025	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
40 CFR 141.61 MCL			NE	NE	0.005	0.00005	NE	NE	NE	NE	NE	NE	0.1	NE	NE	NE	0.07	NE	0.075	NE	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
NMED Tap Water (MAR 2019)			NE	NE	0.0017	0.0000747	0.00165	0.0114	0.035	14.06	0.00754	5.56	0.0776	20.86	0.00229	0.0203	0.0365	NE	0.0048	0.0275	0.284	0.00437	NE	0.447	NE	1.24	0.106	NE	NE	NE	1.21	NE	NE	0.00398	8	0.000415	0.00259	0.00032
EPA RSL for Tap Water (NOV 2018)			0.056	0.06	0.013	0.0000075	0.00017	0.0011	0.036	14	0.0075	5.6	0.078	21	0.00022	0.19	0.036	0.3	0.00048	0.0028	0.28	0.00085	0.038	0.45	NE	6.3	0.011	1	0.66	2	1.2	0.69	0.011	0.0012	8	0.00028	0.00049	0.000019
MKTF-20	11/29/18	8260B	0.53	0.22	<0.01	<0.01	0.073	0.013	0.014	<0.1		<0.1					<0.01		<0.1	<0.1	<0.1		<1	0.0037	<0.01	<0.1	<0.03	<0.03	0.0081	<0.01			<0.01		<0.01	<0.01	<0.01	<0.01
	08/31/18	8260B	1.4	0.43	<0.1	<0.1	0.29	0.05	0.057	<1.0		<1.0					<0.1			<0.1	<0.1		<1.0	<0.1	<0.1	0.05	<0.3	<0.3	0.063	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	05/11/18	8260B	1.6	0.47	<0.05	<0.05	0.33	0.053	0.065	<0.5		<0.5					<0.1			<0.05	<0.05		<0.5	0.021	<0.05		<0.15	0.015	0.064	0.0075			<0.05		<0.05	<0.05	<0.05	<0.05
	02/15/18	8260B	1.3	0.36	<0.1	<0.1	0.24	0.063	0.066	<1.0		<1.0					<0.1			<0.1	<0.1		<1.0	0.013	<0.1		<0.3	0.025	0.052	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	11/29/17	8260B	1.4	0.41	<0.1	<0.1	0.27	0.09	0.1	<1.0		<1.0					<0.1			<0.1	<0.1		<1.0	0.028	<0.1		<0.3	0.032	0.057	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	09/26/17	8260B	1.3	0.41	<0.1	<0.1	0.27	0.055	0.06	<1.0		<1.0					<0.1			<0.1	<0.1		<1.0	<0.1	<0.1		<0.3	<0.3	<0.1	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	06/12/17	8260B	1.6	0.48	<0.1	<0.1	0.29	0.058	0.049	<1.0		<1.0					<0.1			<0.1	<0.1		<1.0	<0.1	<0.1		<0.3	<0.3	<0.1	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
	03/14/17	8260B	1.2	0.42	<0.1	<0.1	0.12	0.083	0.078	<1.0		<1.0					<0.1			<0.1	<0.1		<1.0	0.014	<0.1		<0.3	0.019	0.037	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1
MKTF-21	11/29/18	8260B	0.099	0.03	<0.02	<0.02	0.013	<0.08	<0.08	<0.2		<0.2					<0.02			<0.02	<0.02		<0.2	0.0048	<0.02	<0.02	<0.06	<0.06	0.0083	<0.02			<0.02		<0.02	<0.02	<0.02	<0.02
	08/31/18	8260B	0.37	0.1	<0.02	<0.02	0.09	0.012	0.012	0.072		<0.2					<0.02			<0.02	<0.02		<0.2	0.02	<0.02	0.018	<0.06	0.0053	0.042	<0.02			<0.02		<0.02	<0.02	<0.02	<0.02
	05/11/18	8260B	0.31	0.062	<0.01	<0.01	0.057	0.011	0.011	<0.1		0.048					<0.01			<0.01	<0.01		<0.1	0.011	<0.01	0.014	<0.03	0.0022	0.021	0.0013			<0.01		<0.01	<0.01	<0.01	<0.01
	02/15/18	8260B	0.22	0.046	<0.02	<0.02	0.043	0.013	0.013	0.052		<0.2					<0.02			<0.02	<0.02		0.017	0.0074	<0.02	0.023	<0.06	0.0049	0.015	<0.02			<0.02		<0.02	<0.02	<0.02	<0.02
	11/28/17	8260B	0.29	0.097	<0.05	<0.05	0.061	<0.2	<0.2	<0.5		<0.5					<0.05			<0.05	<0.05		<0.5	0.018	<0.05	<0.5	<0.15	<0.15	0.029	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	09/26/17	8260B	0.29	0.089	<0.05	<0.05	0.045	0.016	0.018	<0.5		<0.5					<0.05			<0.05	<0.05		<0.5	0.018	<0.05	<0.5	<0.15	<0.15	0.033	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	06/21/17	8260B	0.34	0.12	<0.05	<0.05	0.045	<0.2	<0.2	<0.5		<0.5					<0.05			<0.05	<0.05		<0.5	0.019	<0.05	<0.5	<0.15	<0.15	0.031	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	03/14/17	8260B	0.26	0.096	<0.05	<0.05	0.032	0.02	0.021	<0.5		<0.5					<0.05			<0.05	<0.05		<0.5	0.013	<0.05	<0.5	<0.15	<0.15	0.02	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
MKTF-22	11/28/18	8260B	<0.02	<0.02	<0.02	<0.02	0.015	0.041	<0.08	<0.2		<0.2					0.011			<0.02	0.014			0.0077	<0.02		<0.06	<0.06	0.014	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	08/30/18	8260b	<0.02	<0.02	<0.02	<0.02	0.014	0.042	<0.08	<0.2		<0.2					0.008			<0.02	0.0081			0.0058	<0.02		<0.06	<0.06	0.013	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	05/10/18	8260B	0.0047	<0.01	<0.01	<0.01	0.016	0.053	0.0045	<0.1		<0.1					0.0097			<0.01	0.0082			0.0085	0.002		<0.03	0.0086	0.018	0.0048	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	02/08/18	8260B	0.0056	0.0011	<0.01	<0.01	0.019	0.046	0.0058	<0.1		<0.1					0.0078			<0.01	0.0068			0.007	0.0025		<0.03	0.0081	0.014	0.004	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	11/28/17	8260B	0.0094	0.0017	<0.01	<0.01	0.033	0.089	0.0086	0.023		<0.1					0.008			<0.01	0.0062			0.01	0.0036		<0.03	0.011	0.023	0.0061	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	10/03/17	8260B	0.015	<0.01	<0.01	<0.01	0.059	0.1	0.01	<0.1		<0.1					0.0061			0.0041	0.0051			0.015	0.0023		0.0033	0.013	0.042	0.0066	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	06/08/17	8260B	0.004	0.0014	<0.01	<0.01	0.032	0.058	0.0071	0.021		<0.1					0.0094			<0.01	0.009			0.0064	0.0017			0.0051	0.013	0.0027	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	03/08/17	8260B	0.012	0.0022	<0.01	<0.01	0.07	0.09	0.016	0.034		<0.1					0.0083			0.0017	0.0086			0.019	0.0032			0.015	0.05	0.0076	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MKTF-23	06/10/16	8260B	1.5	0.52	<0.01		0.28	0.14	0.19	<0.1		<0.1					0.034			0.096	0.056			0.033	0.02			0.074	0.065	0.022			0.0015		0.016	<0.01	0.0043	<0.01
	02/25/16	8260B	1.3	0.35	0.0053		0.24	0.085	0.11	0.042		<0.2					0.036			0.11	0.058			0.029	0.0097			0.017	0.048	0.01			<0.02		0.014	<0.02	<0.02	<0.02
	11/09/15	8260B	1.4	0.38	<0.02		0.39	0.14	0.21	<0.2		<0.2					0.049			0.11	0.049			0.048	<0.02			<0.06	0.092	<0.02			<0.02		0.027	<0.02	<0.02	<0.02
	08/21/15	8260B	0.92	0.24	<0.02		0.16	<0.08	<0.08	<0.2		<0.2					0.045			0.13	0.054			0.029	<0.02			<0.06	0.054	<0.02			<0.02		0.031	<0.02	<0.02	<0.02
	06/09/15	8260B	1.1	0.28	<0.01		0.22	0.079	0.12	<0.1		<0.1					0.042			0.13	0.062			0.41	<0.01			<0.03	0.073	0.01			<0.01		0.034	<0.01	<0.01	<0.01
	03/12/15	8260B	1.4	0.38	<0.01		0.3	0.097	0.14	<0.1		<0.1					0.055			0.12	0.053			0.044	<0.01			<0.03	0.093	0.01			<0.01		0.049	<0.01	<0.01	<0.01
MKTF-24	11/18/18	8260B/8011/504.1/EDB	<0.02	<0.02	<0.02	0.000008	<0.04	0.0076	<0.08	<0.2	<0.06	<0.2		0.0057			0.0093			0.076	0.019			0.018	<0.02			0.0067	0.031	0.0042			<0.01		<0.01	<0.01	<0.01	0.028
	08/20/18	8260B/8011/504.1/EDB	<0.02	<0.02	0.0082	0.0000058	<0.04	<0.08	<0.08	<0.2	<0.06	<0.2		<0.04			0.011			0.074	0.022			0.035	<0.02			0.013	0.089	0.0064			<0.02		<0.02	<0.02	<0.02	0.032
	05/01/18	8260B/8011/504.1/EDB	<0.02	<0.02	0.0083	0.0000057	0.0071	0.01	<0.08	<0.2	<0.06	<0.2		<0.04			0.022			0.066	0.016			0.036	0.002			0.012	0.076	0.0082			<0.02		<0.02	<0.02	<0.02	0.031
	02/06/18	8260B/8011/504.1/EDB	0.0024	0.0042	<0.02	<0.0095	0.012	0.017	<0.08	<0.2	<0.02	<0.2		0.0056			0.017			0.082	0.027			0.043	0.0041			0.019	0.095	0.011			<0.02		<0.02	<0.02	<0.02	0.037
	11/20/17	8260B	0.0039	0.0022	0.0056	<0.01	0.0057	0.0081	<0.04	0.016	<0.03	<0.1					0.019			0.072	0.024			0.042	0.0015			0.014	0.091	0.0079			<0.01		<0.01	<0.01	<0.01	0.031
	10/03/17	8260B	<0.02	<0.02	0.0099	<0.02	<0.04	<0.08	<0.08	<0.2	<0.06	<0.2					0.018			0.072	0.035			0.019	<0.02			0.0046	0.034	0.0031			<0.02		0.0043	<0.02	<0.02	0.018
	06/05/17	8260B/8011/504.1/EDB	0.0042	0.0026	<0.02	<0.02	0.0094	0.011	<0.08	<0.2	<0.06	<0.2					0.029			0.088	0.039			0.035	0.0027			0.015	0.089	0.0088			<0.02		<0.02	<0.02	<0.02	0.027
	03/29/17	8260B	<0.02	<0.02	0.01	<0.02	<0.04	<0.08	<0.08	<0.2	<0.06	<0.2					0.022			0.079	0.035			0.01	<0.02			<0.06	0.018	0.0069			<0.02		0.0031	<0.02	<0.02	0.016
MKTF-25	11/15/18	8260B/8011/504.1/EDB	<0.01	<0.01	<0.01	<0.0000095	<0.02	<0.04	<0.04	<0.1		<0.1		<0.02			0.029			0.13	0.027			0.0041	<0.01			<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.002	<0.01	0.0068	<0.01
	08/17/18	8260B/8011/504.1/EDB	<0.01	<0.01	0.0085	<0.0000092	0.0033	<0.04	<0.04	<0.1		<0.1		<0.02			0.052			0.14	0.049			0.035	<0.01			0.012	0.064	0.0056	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.006	<0.01
	05/06/18	8260B/8011/504.1/EDB	0.0046	<0.005	<0.005	<0.0000049	0.0047	0.0059	<0.02	<0.05		<0.05		<0.01			0.053			0.23	0.11			0.057	0.0014			0.019	0.085	0.0095	<0.005	<0.005	0.0027	<0.005	0.013	<0.005	0.026	0.04
	02/05/18	8260B/8011/504.1/EDB	0.004	0.0005	0.01	0.0000094	0.0045	0.0043	<0.02	0.025		<0.05		<0.01			0.05			0.22	0.11			0.044	0.0013			0.015	0.045	0.0069	<0.005	<0.005	0.0023	<0.005	0.014	<0.005	0.025	0.003
	11/21/17	8260B	0.0045	<0.005	0.0097	<0.005	0.0056	0.0037	<0.02	<0.05		<0.05		<0.01			0.047			0.21	0.094			0.048	0.00053			0.014	0.057	0.007	<0.005	<0.005	0.0019	<0.005	0.016	0.0012	0.021	0.0032
	09/25/17	8260B	0.0035	0.0012	<0.001	<0.001	0.0079	0.0038	<0.004	<0.01		<0.01		0.00046			0.052			0.24	0.11			0.046	0.00089			0.015	0.057	0.0075	0.00017	0.00012	0.0023	<0.001	0.02	0.0012	0.027	0.0031
	06/05/17	8260B/8011/504.1/EDB	0.0013	<0.005	0.0064	<0.005	0.0022	0.0031	<0.02	<0.05		<0.05					0.024			0.16	0.086			0.022	<0.005			0.0083	0.019	0.0036	<0.005	<0.005	0.00076	<0.005	0.017	0.0013	0.019	0.00096
	03/29/17	8260B	0.0014	<0.005	0.0057	<0.005	0.0028	0.0035	<0.02	<0.05		<0.05					0.02			0.15	0.074			0.027	<0.005			0.011	0.025	0.0053	<0.005	<0.005	0.00084	<0.005	0.021	0.0013	0.017	0.0027
MKTF-26	06/09/16	8260B	0.0016	<0.005	0.012	0.0000045	<0.01	<0.02	<0.02	<0.05		<0.05		0.0016			0.004			0.061	0.068			0.0022	<0.005		<0.015	<0.015	0.0015	<0.005			<0.005		0.0012	0.0015	0.0031	0.0086
	02/22/16	8260B	<0.005	<0.005	0.011	<0.005	<0.01	<0.02	<0.02	<0.05		<0.05					0.0033			0.055	0.061			0.0012	<0.005		0.0011	<0.015	<0.005	<0.005			<0.005		<0.005	0.0013	0.0023	0.0071
	11/04/15	8260B	<0.005	<0.005	0.011		<0.01	<0.02	<0.02	<0.05		<0.05					0.0065			0.066	0.048			<0.005	<0.005			<0.015	<0.005	<0.005			<0.005		<0.005	<0.005	<0.005	0.0076
	08/20/15	8260B	<0.005	<0.005	0.01		<0.01	<0.02	<0.02	<0.05		<0.05					<0.005			0.07	0.077			<0.005	<0.005			<0.015	<0.005	<0.005			<0.005		<0.005	<0.005	<0.005	0.0063
	06/10/15	8260B	<0.005	<0.005	0.0064		<0.01	<0.02	<0.02	<0.05		<0.05					0.0069			0.064	0.036			<0.005	<0.005			<0.015	<0.005	<0.005			<0.005		<0.005	<0.005	<0.005	0.0068
	03/11/15	8260B	<0.005	<0.005	<0.005		<0.01	<0.02	<0.02	<0.05		<0.05					0.008			0.049	0.009			<0.005	<0.005			<0.015	<0.005	<0.005			<0.005		<0.005	<0.005	<0.005	<0.005
MKTF-27	11/15/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.00047	<0.0000096	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	0.002	0.00041	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	08/20/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.00053	<0.0000093	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	0.0019	<0.001	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	05/01/18	8260B	<0.001	<0.001	0.00053	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	0.0015	0.00042	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	02/06/18	8260B	<0.001	<0.001	0.00053	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					0.0002		<0.001	0.0023	0.00065	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	11/20/17	8260B	<0.001	<0.001	0.00051	<0.001	<0.002	0.00028	0.00026	0.0022		<0.01					<0.001		<0.001	0.0019	0.00048	0.00014		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	10/03/17	8260B	<0.001	<0.001	0.00063	<0.001	<0.002	<0.004	<0.004	0.0097		<0.01					0.0003		<0.001	0.0017	0.00059	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0038		<0.01					<0.001		<0.001	0.0022	0.00032	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	03/29/17	8260B	<0.001	<0.001	0.00059	<0.001	<0.002	<0.004	<0.004	0.0018		<0.01					<0.001		<0.001	0.0015	0.00036	<0.001		<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-28	11/15/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	08/20/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	05/01/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0017	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	02/06/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	0.00025	0.00025	0.0028	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	10/03/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0083	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0033	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	03/29/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0019	<0.003	<0.01	<0.001	<0.002	<0.001	<0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MKTF-29	11/15/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	08/20/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	05/01/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.0000095	<0.002	<0.004	<0.004	0.0027		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	02/06/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	11/20/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	0.0003	0.0003	0.0018		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	10/03/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0046		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	06/05/17	8260B	0.00015	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0025		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	03/29/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-30	11/15/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.003	<0.0000094	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	<0.001		0.0053		<0.001	0.065	0.0051			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00017		0.0008	0.00041	0.0038	<0.001
	08/20/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.0031	<0.0000092	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	<0.001		0.0048		<0.001	0.06	0.0048			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00017		0.00087	0.00052	0.0037	<0.001
	05/01/18	8260B/8011/504.1/EDB	<0.001	<0.01	0.0012	<0.0000095	<0.002	<0.004	<0.004	0.0017	<0.003	<0.01	<0.001	<0.002	<0.001		0.0024		<0.001	0.033	0.002			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00016		0.00044	0.00037	0.002	<0.001
	02/06/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.0034	<0.0000096	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	<0.001		0.0076		<0.001	0.078	0.0062			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00027		0.0014	0.00074	0.005	<0.001
	11/20/17	8260B	<0.001	<0.001	0.003	<0.001	<0.002	<0.004	0.00022	0.0013	<0.003	<0.01	<0.001	<0.002	<0.001		0.0062		<0.001	0.068	0.0049			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00032		0.0015	0.00064	0.0041	<0.001
	10/03/17	8260B	<0.001	<0.001	0.0029	<0.001	<0.002	<0.004	<0.004	0.0065	<0.003	<0.01	<0.001	<0.002	<0.001		0.0056		<0.001	0.068	0.005			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00027		0.0015	0.00069	0.0041	<0.001
	06/05/17	8260B/8011/504.1/EDB	<0.002	<0.002	0.0024	<0.002	<0.004	<0.008	<0.008	0.005	<0.006	<0.02	<0.002	<0.004	<0.002		0.0044		<0.002	0.057	0.0044			<0.002	<0.002		0.001	<0.006	<0.002	<0.002			<0.002		0.00072	0.00034	0.0038	<0.002
	03/29/17	8260B/8011/504.1/EDB	<0.001	<0.001	0.0038	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	<0.001	<0.002	0.00027		0.0088		<0.001	0.097	0.0066			<0.001	<0.001		<0.003	<0.003	<0.001	<0.001			0.00022		0.0016	0.00089	0.0059	<0.001

Table 2
Groundwater Analyses Summary

STANDARDS			1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	1,2-Dichloroethane (EDC) (mg/L)	1,2-Dibromoethane (EDB) (mg/L)	Naphthalene (mg/L)	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Acetone (mg/L)	Bromomethane (mg/L)	*(Methyl ethyl ketone)* 2-Butanone (mg/L)	Chlorobenzene (mg/L)	Chloroethane (mg/L)	Chloroform (mg/L)	Chloromethane (mg/L)	cis-1,2-DCE (mg/L)	1,2-Dichlorobenzene (mg/L)	1,4-Dichlorobenzene (mg/L)	1,1-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	1,2-Dichloropropane (mg/L)	2-Hexanone (mg/L)	Isopropylbenzene (mg/L)	4-Isopropyltoluene (mg/L)	4-Methyl-2-pentanone (mg/L)	Methylene Chloride (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	sec-Butylbenzene (mg/L)	Styrene (mg/L)	tert-Butylbenzene (mg/L)	Tetra-chloroethene (PCE) (mg/L)	1,2,4-Trichlorobenzene (mg/L)	1,1,1-Trichloroethane (mg/L)	1,1,2-Trichloroethane (mg/L)	Trichloroethene (TCE) (mg/L)	Vinyl Chloride (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	0.005	0.00005	0.03	NE	NE	NE	NE	NE	NE	NE	0.1	NE	0.07	0.6	0.075	0.025	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
40 CFR 141.61 MCL			NE	NE	0.005	0.00005	NE	NE	NE	NE	NE	NE	0.1	NE	NE	NE	0.07	NE	0.075	NE	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
NMED Tap Water (MAR 2019)			NE	NE	0.0017	0.0000747	0.00165	0.0114	0.035	14.06	0.00754	5.56	0.0776	20.86	0.00229	0.0203	0.0365	NE	0.0048	0.0275	0.284	0.00437	NE	0.447	NE	1.24	0.106	NE	NE	NE	1.21	NE	NE	0.00398	8	0.000415	0.00259	0.00032
EPA RSL for Tap Water (NOV 2018)			0.056	0.06	0.013	0.0000075	0.00017	0.0011	0.036	14	0.0075	5.6	0.078	21	0.00022	0.19	0.036	0.3	0.00048	0.0028	0.28	0.00085	0.038	0.45	NE	6.3	0.011	1	0.66	2	1.2	0.69	0.011	0.0012	8	0.00028	0.00049	0.000019
WELL ID	DATE SAMPLED	METHOD																																				
MKTF-31	11/15/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.027	0.0000092	<0.002	<0.004	<0.004	<0.01		<0.01			0.00045		0.0017			0.045	0.069	<0.001		0.00028	<0.001		<0.003	<0.003	<0.001	<0.001			<0.001		0.0045	0.0026	0.0048	<0.001
	08/17/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.026	0.00001	<0.002	<0.004	<0.004	<0.01		<0.01			0.00044		0.0016			0.039	0.073	<0.001		0.0012	<0.001		<0.003	<0.003	<0.001	0.00053			<0.001		0.0048	0.0024	0.0051	<0.001
	05/06/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.029	0.0096	<0.002	<0.004	<0.004	<0.01		<0.01			0.00071		0.0021			0.049	0.093	<0.001		0.0016	<0.001		<0.003	0.00046	<0.001	0.0007			<0.001		0.0058	0.003	0.006	<0.001
	02/05/18	8260B	<0.001	<0.001	0.026	<0.001	<0.002	<0.004	<0.004	0.0027		<0.01			0.00063		0.0019			0.044	0.091	<0.001		0.0017	<0.001		<0.003	0.00041	<0.001	0.00055			<0.001		0.0056	0.0029	0.0056	<0.001
	11/21/17	8260B	<0.001	<0.001	0.022	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01			<0.001		0.0016			0.035	0.067	0.00019		0.0016	<0.001		0.00029	0.00017	<0.001	<0.001			<0.001		0.0046	0.0024	0.0041	0.00029
	09/25/17	8260B	<0.001	<0.001	0.025	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01			0.00052		0.0017			0.041	0.08	<0.001		0.0018	<0.001		<0.003	0.00035	<0.001	0.00054			<0.001		0.0053	0.0027	0.0048	<0.001
	06/05/17	8260B	<0.001	<0.001	0.022	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01			0.00047		0.0017			0.036	0.07	<0.001		0.0011	<0.001		<0.003	0.00024	<0.001	0.00036			<0.001		0.0051	0.0023	0.0043	<0.001
	03/07/17	8260B	<0.001	<0.001	0.02	<0.001	<0.002	<0.004	<0.004	0.0026		<0.01			0.00045		0.0018			0.035	0.07	<0.001		0.001	<0.001		<0.003	0.00027	<0.001	0.00035			<0.001		0.0047	0.0022	0.0041	<0.001
MKTF-32	11/15/18	8260B/8011/504.1/EDB	<0.002	<0.002	0.015	<0.0000094	<0.004	<0.008	0.00072	<0.02		<0.02				<0.003	0.002			0.015	0.026	<0.002		<0.002	<0.002			<0.006	<0.002	0.00064			<0.001		<0.002	0.00083	<0.002	<0.002
	08/28/18	8260B/8011/504.1/EDB	<0.002	<0.002	0.019	<0.0000093	<0.004	<0.008	<0.008	<0.02		<0.02				<0.004	0.0018			0.017	0.026	<0.002		<0.002	<0.002			<0.006	<0.002	0.00066			<0.002		<0.002	0.0011	<0.002	<0.002
	05/09/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.02	<0.0000094	<0.002	<0.004	<0.004	<0.01		<0.01				<0.003	0.0023			0.018	0.029	<0.001		<0.001	<0.001			<0.003	<0.001	0.00075			<0.001		0.00038	0.0014	0.00028	<0.001
	02/07/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.019	<0.0000094	<0.002	<0.004	<0.004	<0.01		<0.001				<0.003	0.002			0.017	0.034	<0.001		0.00013	<0.001			<0.003	<0.001	0.00068			<0.001		0.00051	0.0015	0.00036	<0.001
	11/27/17	8260B	<0.001	<0.001	0.016	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01				<0.003	0.0016			0.014	0.023	0.00014		<0.001	<0.001			<0.003	<0.001	0.00066			<0.001		0.00029	0.0012	0.00019	<0.001
	09/25/17	8260B	0.00012	<0.001	0.017	<0.001	0.00098	0.0018	0.0013	0.0049		<0.01				<0.003	0.0017			0.016	0.029	<0.001		0.00012	<0.001			<0.003	<0.001	0.00079			<0.001		0.00047	0.0014	0.0003	<0.001
	06/06/17	8260B/8011/504.1/EDB	<0.001	<0.001	0.019	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01				<0.003	0.002			0.019	0.038	<0.001		0.00013	<0.001			<0.003	<0.001	0.00063			<0.001		0.00057	0.0014	0.00026	<0.001
	03/07/17	8260B	<0.001	<0.001	0.018	<0.001	<0.002	<0.004	<0.004	0.0024		<0.01				<0.003	0.0019			0.018	0.035	<0.001		0.00022	<0.001			<0.003	<0.001	0.00081			<0.001		0.00058	0.0014	0.00024	<0.001
MKTF-33	11/28/18	8260B/8011/504.1	<0.002	<0.002	<0.002	<0.0000095	<0.004	<0.008	<0.008	<0.02		<0.02					<0.002		<0.002	<0.002	<0.002			<0.002	<0.002			<0.006	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002	<0.002	<0.002
	08/30/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.0000092	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
	05/10/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
	02/08/18	8260B	0.00037	0.00015	<0.001	<0.001	<0.002	0.00049	0.00054	<0.01		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	0.00012	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
	11/28/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0027		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	0.00021	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	0.00029	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
	06/08/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0037		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	0.00033	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
	03/08/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0016		<0.01					<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	0.00047	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-34	11/28/18	8260B/8011/504.1	<0.001	<0.001	<0.001	<0.0000094	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	0.0021	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0037	<0.001
	08/24/18	8260B/8011/504.1/EDB	<0.001	<0.01	<0.001	<0.0000092	0.00049	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	0.0024	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	0.00022	<0.001	<0.001	<0.001	0.0036	<0.001
	05/04/18	8260B	<0.001	<0.01	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	0.0014	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	0.00046	<0.001	<0.001	<0.001	0.0027	<0.001
	02/16/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0089		<0.01					<0.001		<0.001	0.00047	0.0014	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	0.00046	<0.001	<0.001	<0.001	0.0031	<0.001
	12/01/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	<0.001	0.0012	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	0.00014	<0.001	<0.001	<0.001	0.0026	<0.001
	09/26/17	8260B	0.00014	<0.001	<0.001	<0.001	0.00059	0.00057	0.0007	0.0048		<0.01					<0.001		<0.001	<0.001	0.00056	<0.001	<0.01	<0.001	<0.001	<0.01	0.00014	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001
	06/14/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0053		<0.01					<0.001		<0.001	<0.001	0.00059	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001
	03/01/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001		<0.001	0.00047	0.00071	<0.001	<0.01	<0.001	<0.001	<0.01	<0.003	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0022	<0.001
MKTF-35	11/28/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.0000094	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	0.00033				<0.001		0.004	0.00066	<0.001			0.00034	<0.001		<0.003	<0.003	<0.001	0.0012	<0.001	0.00024	<0.001		<0.001	<0.001	<0.001	<0.001
	08/23/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.0000093	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	0.00045				<0.001		0.0046	0.00074	<0.001			0.00028	0.001		<0.003	<0.003	<0.001	0.0014	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	05/03/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.0000095	0.00069	0.00087	0.00091	<0.01	<0.003	<0.01	0.00056				<0.001		0.0056	0.00081	<0.001			0.00047	<0.001		<0.003	<0.003	0.00035	0.0019	<0.001	0.00015	<0.001		<0.001	<0.001	<0.001	<0.001
	02/15/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.0000094	<0.002	<0.004	<0.004	0.00086	<0.003	<0.01	0.00049				<0.001		0.0039	0.00094	<0.001			0.00049	<0.001		<0.003	0.0003	0.00044	0.0015	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	11/30/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01	0.00052				<0.001		0.0038	0.00086	<0.001			0.00048	<0.001		<0.003	<0.003	0.00026	0.0015	<0.001	0.00024	<0.001		<0.001	<0.001	<0.001	<0.001
	09/27/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.01	<0.003	<0.01	0.00043				<0.001		0.0028	0.00067	<0.001			0.00037	<0.001		<0.003	<0.003	0.00013	0.0012	<0.001	0.00014	<0.001		<0.001	<0.001	<0.001	<0.001
	06/14/17	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.001	0.00031	<0.004	<0.004	<0.01	<0.003	<0.01	0.0004				<0.001		0.0023	0.00043	<0.001			0.0011	<0.001		0.00011	0.00019	0.0027	0.0014	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	03/01/17	8260B	<0.001	<0.001	<0.001	<0.001	0.00018	0.00044	0.00032	<0.01	<0.003	<0.01	0.00051				<0.001		0.0017	<0.001	<0.001			0.0014	0.00016		0.00066	<0.003	0.0038	0.002	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-36	09/05/18	8260B/8011/501.1	0.039	<0.05	<0.05	<0.0000093	0.63	0.35	0.49	<0.5		<0.5					<0.05			<0.05	<0.05			0.036	<0.05			<0.15	0.08	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	05/03/18	8260B/8011/504.1	0.042	0.0057	<0.05	<0.0000096	0.67	0.4	0.54	<0.5		<0.5					<0.05			<0.05	<0.05			0.043	<0.05			0.013	0.09	0.007			<0.05		<0.05	<0.05	<0.05	<0.05
	02/15/18	8260B/8011/504.1	0.039	0.0048	<0.05	<0.0000094	0.6	0.34	0.46	<0.5		<0.5					<0.05			<0.05	<0.05			0.035	<0.05			0.011	0.074	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	11/30/17	8260B	0.064	0.014	<0.05	<0.05	0.69	0.44	0.55	<0.5		<0.5					<0.05			<0.05	<0.05			0.04	<0.05			0.018	0.083	0.011			<0.05		<0.05	<0.05	<0.05	<0.05
	09/27/17	8260B	0.023	<0.05	<0.05	<0.05	0.6	0.38	0.45	<0.5		<0.5					<0.05			<0.05	<0.05			0.032	<0.05			0.011	0.067	0.0064			<0.05		<0.05	<0.05	<0.05	<0.05
	06/14/17	8260B	0.12	0.024	<0.05	<0.05	0.53	0.34	0.39	<0.5		<0.5					<0.05			<0.05	<0.05			0.028	<0.05			0.0076	0.085	<0.05			<0.05		<0.05	<0.05	<0.05	<0.05
	03/01/17	8260B	0.019	<0.05	<0.05	<0.05	0.62	0.36	0.48	<0.5		<0.5					<0.05			<0.05	<0.05			0.031	<0.05			<0.15	0.078	0.018			<0.05		<0.05	<0.05	<0.05	<0.05
MKTF-37	08/23/18	8260B/8011/504.1	0.53	0.035	0.014	0.000067	0.31	0.051	0.06										0.0082	0.024	0.076			0.067	0.0063			0.034	0.088	0.013					0.0055		0.2	<0.01
	05/03/18	8260B/8011/504.1	0.63	0.036	<0.01	0.00045	0.37	0.075	0.08										0.012	0.018	0.067			0.084	0.0074			0.04	0.1	0.015					0.0044		0.19	<0.01
	03/01/17	8260B	0.77	0.1	0.0083	<0.005	0.49	0.15	0.2										<0.005	0.016	0.095			0.082	0.0064			0.049	0.11	0.015					0.024		0.21	<0.005
MKTF-38	11/20/18	8260B	<0.001	<0.001	<0.001	<0.001	0.00094	0.003	0.0013	<0.01	<0.003	<0.01			0.00031		<0.001		<0.001	0.00023	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001		0.00016	0.00043	<0.001	<0.001	<0.001	<0.001	<0.001
	08/21/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0037	<0.003	<0.01			<0.001		<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	05/03/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01			<0.001		<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.001	<0.001	<0.001		<0.001	0.00015	<0.001	<0.001	<0.001	<0.001	<0.001
	02/12/18	8260B	0.00015	<0.001	<0.001	<0.001	<0.002	0.00053	0.00055	<0.01	<0.003	<0.01			<0.001		<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.001	<0.001	<0.001		<0.001	0.00015	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01	<0.003	<0.01			<0.001		<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001		0.00016	0.00019	<0.001	<0.001	<0.001	<0.001	<0.001
	09/28/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0058	<0.003	<0.01			<0.001		<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	06/21/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0033	<0.003	<0.01			<0.001		<0.001		<0.001	<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	0.00089		0.00022	0.00016	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/17	8260B	<0.001	<0.001	<0.001	<0.001	0.00014	<0.004	<0.004	0.0017	<0.003	<0.01			0.00016		0.0009		<0.001	0.001	0.00019			<0.001	<0.001			<0.003	<0.001	<0.001		<0.001	0.00058	<0.001	<0.001	<0.001	<0.001	<0.001
MKTF-39	11/20/18	8260B	0.0014	<0.001	<0.001	<0.001	0.066	0.11	0.056	<0.01	<0.003	<0.01			<0.001		0.0005	<0.001		0.00063	0.00022			0.014	0.00036		<0.003	0.0048	0.019	0.01		0.00038	<0.001		<0.001	<0.001	<0.001	0.0011
	08/21/18	8260B	0.0042	<0.001	<0.001	<0.001	0.099	0.2	0.089	<0.01	<0.003	<0.01			<0.001		0.0008	<0.001		0.00091	0.00046			0.022	0.01		<0.003	0.0078	0.028	0.013		0.00039	<0.001		<0.001	<0.001	<0.001	0.0014
	05/06/18	8260B	0.0083	<0.005	<0.005	<0.005	0.098	0.19	0.077	<0.05	<0.015	<0.05			<0.005		<0.005	0.00062		<0.005	<0.005			0.025	0.0025		<0.015	0.009	0.035	0.018		0.00063	<0.005		<0.005	<0.005	<0.005	<0.005
	02/08/18	8260B	0.0086	<0.005	<0.005	<0.005	0.09	0.17	0.07	<0.05	<0.015	<0.05			<0.005		<0.005	0.00056		<0.005	<0.005			0.021	0.0022		<0.015	0.0076	0.027	0.014		0.00067	<0.005		<0.005	<0.005	<0.005	0.00093
	11/28/17	8260B	0.01	<0.005	<0.005	<0.005	0.11	0.22	0.093	<0.05	<0.015	<0.05			<0.005		<0.005			<0.005	<0.005			0.022	0.0033		<0.015	0.0085	0.031	0.015		0.001	<0.005		<0.005	<0.005	<0.005	0.00096
	09/28/17	8260B	0.008	<0.005	<0.005	<0.005	0.11	0.17	0.066	<0.05	<0.015	<0.05			<0.005		<0.005			0.002	<0.005			0.022	0.003		<0.015	0.0077	0.03	0.013		<0.005	<0.005		<0.005	<0.005	<0.005	0.0019
	06/08/17	8260B	0.029	<0.005	<0.005	<0.005	0.11	0.24	0.098	<0.05	<0.015	<0.05			<0.005		<0.005			<0.005	<0.005			0.028	0.0082		<0.015	0.016	0.04	0.025		0.00067	<0.005		<0.005	<0.005	<0.005	<0.005
	03/14/17	8260B	0.027	<0.005	<0.005	<0.005	0.11	0.27	0.1	<0.05	<0.015	<0.05			<0.005		<0.005			<0.005	<0.005			0.03	0.0087		<0.015	0.016	0.043	0.027		0.00082	<0.005		<0.005	<0.005	<0.005	<0.005
MKTF-40	11/15/18	8260B	<0.001	<0.001	0.00024	<0.0000094	<0.002	<0.004	<0.004	<0.01		<0.01			<0.001		<0.001			0.00067	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	08/17/18	8260B/8011/504.1/EDB	<0.001	<0.001	<0.001	<0.000096	<0.002	<0.004	<0.004	<0.01		<0.01			<0.001		<0.001			0.00082	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	05/06/18	8260B	<0.001	<0.001	<0.001		<0.002	<0.004	<0.004	<0.01		<0.01			<0.001		<0.001			0.00077	<0.001			<0.001	<0.001			<0.001	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	02/05/18	8260B	<0.001	<0.001	<0.001		<0.002	<0.004	<0.004	0.0027		<0.01			<0.001		<0.001			0.0008	<0.001			<0.001	<0.001			<0.001	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	11/21/17	8260B	<0.001	<0.001	<0.001		<0.002	<0.004	<0.004	0.0027		<0.01			<0.001		<0.001			0.00059	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	09/25/17	8260B	<0.001	<0.001	<0.001		<0.002	<0.004	<0.004	0.0055		<0.01			<0.001		<0.001			0.00081	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	06/05/17	8260B	<0.001	<0.001	<0.001		<0.002	<0.004	<0.004	0.0046		<0.01			<0.001		<0.001			0.00066	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	03/07/17	8260B	<0.001	<0.001	<0.001		<0.002	<0.004	<0.004	0.0023		<0.01			<0.001		<0.001			0.00062	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-41	11/15/18	8260B/8011/504.1/EDB	0.00049	<0.001	0.0037	<0.0000094	0.00084	0.00082	0.00078	<0.01		<0.01			<0.001		<0.001			0.0043	0.007			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00061	<0.001	<0.001
	08/29/18	8260B/8011/504.1/EDB	0.00032	<0.001	0.00032	<0.0000094	0.00073	0.00075	0.00074	<0.01		<0.01			<0.001		<0.001			0.005	0.0069			<0.01	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00062	<0.001	<0.001
	05/09/18	8260B/8011/504.1/EDB	<0.001	<0.001	0.004	<0.0000094	<0.002	0.00057	0.00051	<0.01		<0.01			<0.001		<0.001			0.0048	0.0073			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00079	<0.001	<0.001
	02/07/18	8260B/8011/504.1/EDB	0.00012	<0.001	0.034	<0.0000095	<0.002	<0.004	<0.004	<0.01		<0.01			<0.001		<0.001			0.0041	0.006			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00071	<0.001	<0.001
	11/27/17	8260B	<0.001	<0.001	0.0028	<0.001	<0.002	<0.004	<0.004	0.0017		<0.01			<0.001		<0.001			0.0034	0.0053			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00057	<0.001	<0.001
	09/25/17	8260B	<0.001	<0.001	0.0027	<0.001	0.0003	0.0004	0.00039	0.0034		<0.01			<0.001		<0.001			0.0034	0.0043			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00063	<0.001	<0.001
	06/06/17	8260B/8011/504.1/EDB	<0.001	<0.001	0.0027	<0.001	<0.002	<0.004	<0.004	0.0039		<0.01			<0.001		<0.001			0.0034	0.0048			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00047	<0.001	<0.001
	03/07/17	8260B	<0.001	<0.001	0.0026	<0.001	<0.002	<0.004	<0.004	0.001		<0.01			<0.001		<0.001			0.0036	0.0053			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	0.00052	<0.001	<0.001
MKTF-42	11/15/18	8260B/8011/504.1/EDB	0.068	0.021	0.0039	0.0004	0.16	0.094	0.11	0.015	<0.006	<0.02					<0.002			0.00056	0.1		<0.02	0.0036	0.0021	0.0098		0.0016	0.0047	0.0013			<0.002		<0.002	<0.002	<0.002	<0.002
	08/29/18	8260B	0.011	0.0046	0.0026	<0.001	0.03	0.017	0.012	0.046	<0.003	0.012					<0.001			<0.001	<0.001		<0.01	0.00071	0.0037	0.0029		<0.003	0.00093	0.00032			<0.001		<0.001	<0.001	<0.001	<0.001
	05/09/18	8260B	0.0086	0.004	0.0022	<0.001	0.029	0.019	0.01	0.037	<0.003	0.0088					<0.001			<0.001	0.00026		<0.01	0.00055	0.0036	0.0023		<0.003	0.00056	0.00028			<0.001		<0.001	<0.001	<0.001	<0.001
	02/07/18	8260B	0.0065	0.0039	0.002	<0.001	0.025	0.016	0.0091	0.036	<0.003	0.012					<0.001			<0.001	0.00026		<0.01	0.00051	0.0044	0.0036		0.00043	0.00042	0.0003			<0.001		<0.001	<0.001	<0.001	<0.001
	11/27/17	8260B	0.011	0.0052	0.0013	<0.001	0.037	0.016	0.014	0.03	<0.003	0.0071					<0.001			<0.001	0.00023		0.0026	0.00073	0.0037	0.0034		0.00037	0.00083	0.00026			<0.001		<0.001	<0.001	<0.001	<0.001
	09/25/17	8260B	0.018	0.0065	0.0017	<0.001	0.062	0.035	0.026	0.037	<0.003	0.01					<0.001			<0.001	0.00019		<0.01	0.0011	0.002	<0.01		0.00059	0.0017	0.00046			<0.001		<0.001	<0.001	<0.001	<0.001

Table 2
Groundwater Analyses Summary

STANDARDS			1,2,4-Trimethyl benzene (mg/L)	1,3,5-Trimethyl benzene (mg/L)	1,2-Dichloro ethane (EDC) (mg/L)	1,2-Dibro moethane (EDB) (mg/L)	Naphtha-lene (mg/L)	1-Methyl naphtha-lene (mg/L)	2-Methyl naphtha-lene (mg/L)	Acetone (mg/L)	Bromo methane (mg/L)	*(Methyl ethyl ketone)* 2-Butanone (mg/L)	Chloro benzene (mg/L)	Chloro-ethane (mg/L)	Chloro-form (mg/L)	Chloro-methane (mg/L)	cis-1,2-DCE (mg/L)	1,2-Dichloro benzene (mg/L)	1,4-Dichloro benzene (mg/L)	1,1-Dichloro ethane (mg/L)	1,1-Dichloro ethene (mg/L)	1,2-Dichloro propane (mg/L)	2-Hexanone (mg/L)	Isopropyl benzene (mg/L)	4-Isopropyl toluene (mg/L)	4-Methyl-2-pen-tanone (mg/L)	Methylene Chloride (mg/L)	n-Butyl benzene (mg/L)	n-Propyl benzene (mg/L)	sec-Butyl benzene (mg/L)	Styrene (mg/L)	tert-Butyl benzene (mg/L)	Tetra-chloro ethene (PCE) (mg/L)	1,2,4-Trichloro-benzene (mg/L)	1,1,1-Trichloro ethane (mg/L)	1,1,2-Trichloro ethane (mg/L)	Trichloro ethene (TCE) (mg/L)	Vinyl Chloride (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	**0.005**	**0.00005**	**0.03**	NE	NE	NE	NE	NE	NE	NE	**0.1**	NE	**0.07**	**0.6**	**0.075**	**0.025**	**0.007**	**0.005**	NE	NE	NE	NE	**0.005**	NE	NE	NE	**0.1**	NE	**0.005**	**0.07**	**0.2**	**0.005**	**0.005**	**0.002**
40 CFR 141.61 MCL			NE	NE	0.005	0.00005	NE	NE	NE	NE	NE	NE	**0.1**	NE	NE	NE	0.07	NE	0.075	NE	0.007	0.005	NE	NE	NE	NE	0.005	NE	NE	NE	0.1	NE	0.005	0.07	0.2	0.005	0.005	0.002
NMED Tap Water (MAR 2019)			NE	NE	0.0017	0.0000747	0.00165	**0.0114**	**0.035**	**14.06**	**0.00754**	**5.56**	0.0776	**20.86**	0.00229	**0.0203**	0.0365	NE	0.0048	0.0275	0.284	0.00437	NE	**0.447**	NE	**1.24**	0.106	NE	NE	NE	1.21	NE	NE	0.00398	8	0.000415	0.00259	0.00032
EPA RSL for Tap Water (NOV 2018)			**0.056**	**0.06**	0.013	0.0000075	0.00017	0.0011	0.036	14	0.0075	5.6	0.078	21	0.00022	0.19	0.036	0.3	0.00048	0.0028	0.28	0.00085	**0.038**	0.45	NE	6.3	0.011	**1**	**0.66**	**2**	1.2	**0.69**	0.011	0.0012	8	0.00028	0.00049	0.000019
WELL ID	**DATE SAMPLED**	**METHOD**																																					
	06/06/17	8260B	0.0047	0.0024	0.0015	<0.001	0.016	**0.016**	0.0052	0.035	<0.003	0.0099					<0.001			<0.001	<0.001		<0.01	0.00034	0.0032	0.0018		<0.003	0.00037	0.00017			<0.001		<0.001	<0.001	<0.001	<0.001
	03/07/17	8260B	0.004	0.0034	0.0013	<0.001	0.024	**0.019**	0.0073	0.028	<0.003	0.009					<0.001			<0.001	<0.001		<0.01	0.00034	0.0031	0.0022		<0.003	0.00028	0.0002			<0.001		<0.001	<0.001	<0.001	<0.001
MKTF-43	11/15/18	8260B	0.00061	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0036		<0.01			0.00095		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	08/30/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	0.012		<0.01			<0.001		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	05/09/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.01		<0.01			0.00072		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	02/07/18	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01			<0.001		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	11/27/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0036		<0.01			<0.001		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0091		<0.01			<0.001		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	06/06/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0054		<0.01			<0.001		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
	03/08/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0037		<0.01			0.00016		<0.001			<0.001	<0.001		<0.01	<0.001	<0.001	<0.01		<0.003	<0.001	<0.001			<0.001					
MKTF-44	11/28/18	8260B	0.0005	0.00023	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	08/30/18	8260B	<0.001	<0.0001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0081		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	05/10/18	8260B	<0.001	<0.0001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	0.00016			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	02/08/18	8260B	0.0012	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	<0.01		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	11/28/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0021		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	09/25/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0026		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	06/05/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0038		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
	03/08/17	8260B	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.004	0.0017		<0.01					<0.001			<0.001	<0.001			<0.001	<0.001			<0.003	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001

DEFINITIONS
NE = Not established
NA = Not analyzed
Bold and highlighted values represent values above the applicable standards
STANDARDS
WQCC 20 NMAC 6.2.3103 - Standards for Ground Water of 10,000 mg/l TDS Concentration or Less.
a) Human Health Standards; b) Other Standards for Domestic Water
40 CFR 141.61 Maximum Contaminant Levels for Organic Contaminants
NMED Risk Assessment Guidance for Investigations and Remediations Table A-1
EPA Regional Screening Level (RSL) Summary Table

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS							
			DRO (mg/L)	GRO (mg/L)	MRO (mg/L)	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	**1.6**	**250**	**1**	**10**	**600**
40 CFR 141.62 MCL			NE	NE	NE	4	NE	1	10	NE
NMED Tap Water (MAR 2019)			NE	NE	NE	1.18	NE	1.97	31.59	NE
EPA RSL for Tap Water (NOV 2018)			NE	NE	NE	0.8	NE	2	32	NE
NMED SSG (MAR 2019)			**0.0858**	**0.0858**	**0.0858**	NE	NE	NE	NE	NE
WELL ID	**DATE SAMPLED**	**METHOD**								
MKTF-1	02/24/16	8015D/300.0	**3**	**51**	<5.0	<0.1	**470**	**2.6**	2.6	0.55
	11/04/15	8015D/300.0	**200**	**36**	<5.0	1.1	**450**	<1.0	<1.0	<0.5
	08/21/15	8015D/300.0	**34**	**26**	<5.0	0.78	**460**	<1.0	<1.0	<2.5
	06/09/15	8015D	**110**	**31**	<50	NA	**NA**	NA	NA	NA
	03/11/15	8015D	**370**	**31**	<50	NA	NA	NA	NA	NA
	06/06/14	8015D/300.0	**510**	**50**	<50	0.6	**400**	<1.0	<1.0	0.58
MKTF-2	11/18/18	8015D/300.0	**2.9**	**18**	<5.0	**2.3**	**570**	0.18	<0.5	5.6
	08/20/18	8015D/300.0	**1.3**	**7.8**	<5.0	**2.1**	**510**	<0.5	<0.5	11
	05/01/18	8015D/300.0	**3.2**	**9.1**	<5.0	**2.3**	**520**	<0.5	<0.5	15
	02/06/18	8015D/300.0	**2.8**	**7.7**	<5.0	**2.3**	**520**	<1.0	<1.0	20
	11/20/17	8015D/300.0	**2.7**	**12**	<5.0	**2.4**	**540**	<1.0	<1.0	18
	10/03/17	8015D/300.0	**1.5**	**9.3**	<5.0	**1.8**	**460**	<1.0	<1.0	20
	03/16/17	8015D/300.0	**2.7**	**14**	<5.0	**2.7**	**400**	<0.5	<0.5	16
MKTF-4	11/20/18	8015D/300.0	**4.5**	**7.6**	<5.0	1.1	210	0.093	<0.5	9.6
	09/04/18	8015D/300.0	**4.7**	**12**	<5.0	1	200	<0.5	0.083	5.5
	05/02/18	8015D/300.0	**4.9**	**12**	<5.0	<0.5	200	<0.5	<0.5	9.8
	02/14/18	8015D/300.0	**5**	**9.6**	<5.0	0.93	220	<0.5	<0.5	8.6
	11/28/17	8015D/300.0	**5.6**	**16**	<5.0	1.1	210	<1.0	<1.0	2.3
	09/26/17	8015D/300.0	**6.6**	**13**	<5.0	0.87	200	<1.0	<1.0	0.7
	06/08/17	8015D/300.0	**5.7**	**10**	<5.0	0.67	210	<1.0	<1.0	5.3
	03/02/17	8015D/300.0	**5.7**	**12**	<5.0	0.99	220	<1.0	<1.0	2.8
MKTF-9	11/28/18	300.0/8015D	**1.8**	**9.1**	<5.0	<0.5	**260**	0.11	<0.5	24
	09/04/18	300.0/8015D	**2.4**	**11**	<5.0	0.52	**260**	<0.5	<0.5	17
	05/02/18	300.0/8015D	**2.6**	**8.2**	<5.0	0.34	250	<0.5	0.21	22
	02/14/18	300.0/8015D	**2.2**	**8.7**	<5.0	0.4	220	<0.5	<0.5	27
	11/28/17	300.0/8015D	**2.6**	**11**	<5.0	0.45	220	<1.0	<1.0	27
	09/28/17	300.0/8015D	**4.2**	**13**	<5.0	0.35	180	<0.5	<0.5	14
	06/12/17	8015D/300.0	**2.4**	**11**	<5.0	<0.5	180	<1.0	<1.0	14
	03/15/17	300.0/8015D	**3.9**	**12**	<5.0	0.33	180	<0.1	<0.1	28
MKTF-10	11/20/18	300.0/8015D	**2.8**	**53**	<5.0	<0.5	**320**	0.12	<0.5	<2.5
	09/04/18	300.0/8015D	**2.5**	**57**	<5.0	0.85	**340**	<0.5	<0.5	<2.5
	05/02/18	300.0/8015D	**3.7**	**100**	<5.0	<0.5	**380**	<0.5	<0.5	<2.5
	02/14/18	300.0/8015D	**2.6**	**74**	<5.0	<0.5	**390**	<0.5	<0.5	<2.5
	11/28/17	300.0/8015D	**3.5**	**83**	<5.0	1.1	**370**	<1.0	<1.0	<2.5
	09/28/17	300.0/8015D	**3.6**	**74**	<5.0	<0.5	**330**	<0.5	<0.5	0.55
	06/08/17	8015D/300.0	**3.5**	**100**	<5.0	0.49	**310**	<1.0	<1.0	0.25
	03/02/17	300.0/8015D	**5.3**	**110**	<5.0	0.35	**350**	<1.0	<1.0	0.3
MKTF-11	11/20/18	300.0/8015D	**1.7**	**41**	<5.0	<0.5	**1200**	0.35	<0.5	1.7
	09/04/18	300.0/8015D	**1.6**	**53**	<5.0	0.75	**1200**	<0.5	<0.5	2
	05/02/18	300.0/8015D	**2.5**	**72**	<5.0	<0.5	**850**	<0.5	0.21	1.4
	02/08/18	300.0/8015D	**2.2**	**69**	<5.0	<0.5	**740**	0.21	0.21	1.5
	11/28/17	300.0/8015D	**2.1**	**59**	<5.0	<0.5	**860**	0.27	0.27	1.2
	09/26/17	300.0/8015D	**2.8**	**63**	<5.0	<0.5	**820**	<1.0	<1.0	<2.5
	06/08/17	8015D/300.0	**1.8**	**30**	<5.0	<2.0	**630**	<1.0	<1.0	4.3
	03/02/17	300.0/8015D	**1.7**	**27**	<5.0	<0.5	**650**	<1.0	<1.0	3.4
MKTF-13	11/28/18	8015D/300.0	**4.5**	**24**	<5.0	<0.5	220	0.1	<0.5	<2.5
	08/30/18	8015D/300.0	**5.5**	**26**	<5.0	0.28	210	<0.5	0.12	<2.5
	05/10/18	8015D/300.0	**30**	**28**	<5.0	0.29	190	<0.5	0.21	1.2
	03/15/17	8015D/300.0	**48**	**28**	<5.0	0.27	120	<0.5	<0.5	<2.5

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS							
			DRO (mg/L)	GRO (mg/L)	MRO (mg/L)	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	**1.6**	**250**	**1**	**10**	**600**
40 CFR 141.62 MCL			NE	NE	NE	4	NE	1	10	NE
NMED Tap Water (MAR 2019)			NE	NE	NE	1.18	NE	1.97	31.59	NE
EPA RSL for Tap Water (NOV 2018)			NE	NE	NE	0.8	NE	2	32	NE
NMED SSG (MAR 2019)			**0.0858**	**0.0858**	**0.0858**	NE	NE	NE	NE	NE
WELL ID	**DATE SAMPLED**	**METHOD**								
MKTF-15	08/28/18	8015D/300.0	**2.7**	**78**	<5.0	<2.0	**6400**	<2.0	<2.0	1.5
	05/02/18	8015D	**4**	**97**	<5.0	<0.5	**7200**	<2.0	<0.5	1.3
	11/28/17	8015D	**5.3**	**130**	<5.0	<2.0	**6000**	**1.8**	1.8	0.56
	06/08/17	8015D/300.0	**5.9**	**150**	<5.0	<2.0	**4300**	<4.0	<4.0	0.74
	03/02/17	8015D/300.0	**8.8**	**140**	<5.0	<2.0	**3400**	<2.0	<2.0	1
MKTF-16	11/29/18	300.0/8015D	**2.6**	**34**	<5.0	1.4	**620**	<0.5	<0.5	0.64
	08/31/18	300.0/8015D	**3.3**	**50**	<5.0	1.5	**650**	<1.0	<1.0	1.4
	05/11/18	300.0/8015D	**2.9**	**47**	<5.0	0.25	**840**	0.33	0.099	1.2
	02/15/18	300.0/8015D	**2.4**	**8.4**	<5.0	**4.5**	**760**	<0.5	0.13	57
	11/29/17	300.0/8015D	**4**	**70**	<5.0	0.63	**700**	<1.0	<1.0	<2.5
	09/26/17	300.0/8015D	**4.7**	**78**	<5.0	0.48	**810**	<1.0	<1.0	0.64
	06/08/17	300.0/8015D	**4.3**	**60**	<5.0	1.4	**800**	<1.0	<1.0	0.68
	03/14/17	300.0/8015D	**5.9**	**85**	<5.0	0.95	**580**	<2.0	<2.0	0.14
MKTF-17	11/28/18	300.0/8015D	**1.6**	**3**	<5.0	0.9	110	0.075	<0.5	120
	08/24/18	300.0/8015D	<1.0	**4.7**	<5.0	0.55	110	<0.5	<0.5	160
	05/04/18	300.0/8015D	**1.4**	**7.1**	<5.0	0.26	130	<0.1	0.054	68
	02/16/18	300.0/8015D	**1.36**	**3.7**	<5.0	0.74	100	<0.5	<0.5	52
	12/01/17	300.0/8015D	**1.1**	**2.5**	<5.0	0.91	92	<1.0	<1.0	97
	09/26/17	300.0/8015D	**2**	**4.3**	<5.0	0.76	83	<1.0	<1.0	22
	06/14/17	300.0/8015D	**2.2**	**4**	<5.0	0.81	70	<1.0	<1.0	66
	03/15/17	300.0/8015D	**2.4**	**3.5**	<5.0	0.73	61	<0.1	<0.1	43
MKTF-18	11/28/18	300.0/8015D	<1.0	**0.12**	<5.0	0.73	220	0.1	<0.5	<2.5
	08/24/18	300.0/8015D	**1.6**	**0.97**	<5.0	0.51	230	<0.5	<0.5	<2.5
	05/04/18	300.0/8015D	**2.4**	**0.8**	<5.0	0.49	230	<0.1	0.051	0.41
	02/16/18	300.0/8015D	**2.8**	**0.85**	<5.0	0.61	220	<0.5	<0.5	<2.5
	06/14/17	300.0/8015D	**7.1**	**0.83**	<5.0	<0.5	190	<1.0	<1.0	0.53
	03/01/17	300.0/8015D	**2.7**	**0.81**	<5.0	0.62	180	<1.0	<1.0	0.22
MKTF-19	11/28/18	300.0/8015D	**7.8**	**15**	<5.0	<0.5	140	0.084	<0.5	<2.5
	08/24/18	300.0/8015D	**7.9**	**22**	<5.0	<0.5	120	<0.5	<0.5	<2.5
	05/04/18	300.0/8015D	**9.3**	**23**	<5.0	<0.5	130	<0.5	<0.5	1.2
	02/16/18	300.0/8015D	**11**	**16**	<5.0	<0.5	120	<0.5	<0.5	<2.5
	12/01/17	300.0/8015D	**13**	**24**	<5.0	<0.5	120	0.14	0.14	0.67
	09/26/17	8015D/300.0	**11**	**29**	<5.0	<0.5	120	<1.0	<1.0	0.77
	06/14/17	300.0/8015D	**11**	**23**	<5.0	<0.5	130	<1.0	<1.0	0.73
	03/15/17	300.0/8015D	**14**	**25**	<5.0	0.098	130	<0.1	<0.1	0.52
MKTF-20	11/29/18	8015D	**6.9**	**17**	<5.0	**4.2**	**460**	<0.5	<0.5	4.3
	08/31/18	8015D/300.0	**11**	**70**	<5.0	**3.3**	**560**	<0.5	<0.5	8.4
	05/11/18	8015D/300.0	**9.7**	**76**	<5.0	**2.4**	**1600**	0.63	0.097	18
	02/15/18	8015D	**5.1**	**79**	<5.0	0.55	**3100**	<2.0	<0.5	15
	11/29/17	8015D	**22**	**91**	<5.0	**2.1**	**420**	<1.0	<1.0	1
	09/26/17	8015D/300.0	**3.9**	**78**	<5.0	**2.2**	**590**	<1.0	<1.0	73
	06/12/17	8015D/300.0	**5.3**	**95**	<5.0	**2**	**580**	<1.0	<1.0	0.64
	03/14/17	8015D	**16**	**90**	<5.0	1	**1100**	<0.5	<0.5	5
MKTF-21	11/29/18	8015D	**3.8**	**7.2**	<5.0	0.89	**340**	<0.5	<0.5	8.6
	08/31/18	8015D/300.0	**2.9**	**22**	<5.0	0.43	**330**	<0.5	<0.5	7.1
	05/11/18	8015D/300.0	**3.9**	**17**	<5.0	<0.5	190	<0.5	0.12	4.3
	02/15/18	8015D/300.0	**3.2**	**12**	<5.0	<0.5	210	<0.5	<0.5	23
	11/28/17	8015D	**2.6**	**25**	<5.0	<0.5	210	<1.0	<1.0	7
	09/26/17	8015D	**2**	**24**	<5.0	<0.5	230	<1.0	<1.0	2
	06/21/17	8015D/300.0	**6.2**	**30**	<5.0	<0.5	**310**	<1.0	<1.0	1.1
	03/14/17	8015D/300.0	**4**	**37**	<5.0	<0.5	**440**	<0.5	<0.5	3.4

Table 2
Groundwater Analyses Summary

			PARAMETERS							
STANDARDS			DRO (mg/L)	GRO (mg/L)	MRO (mg/L)	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	**1.6**	**250**	**1**	**10**	**600**
40 CFR 141.62 MCL			NE	NE	NE	4	NE	1	10	NE
NMED Tap Water (MAR 2019)			NE	NE	NE	1.18	NE	1.97	31.59	NE
EPA RSL for Tap Water (NOV 2018)			NE	NE	NE	0.8	NE	2	32	NE
NMED SSG (MAR 2019)			**0.0858**	**0.0858**	**0.0858**	NE	NE	NE	NE	NE
WELL ID	**DATE SAMPLED**	**METHOD**								
MKTF-22	11/28/18	8015D	**2**	**11**	<5.0	<0.5	130	0.079	<0.5	5.8
	08/30/18	8015D/300.0	**3.1**	**11**	<5.0	0.35	110	<0.5	1.7	3.8
	05/10/18	8015D/300.0	**3.5**	**11**	<5.0	0.27	110	<0.1	0.15	5.8
	02/08/18	8015D/300.0	**2.9**	**10**	<5.0	0.24	110	<1.0	<1.0	5.2
	11/28/17	8015D/300.0	**2.4**	**13**	<5.0	0.34	100	<1.0	<1.0	3.3
	10/03/17	8015D/300.0	**2.5**	**13**	<5.0	0.28	110	<1.0	<1.0	7.6
	06/08/17	8015D/300.0	**3**	**14**	<5.0	0.25	100	<1.0	<1.0	6
	03/08/17	8015D	**3**	**23**	<5.0	0.33	100	<1.0	<1.0	2
MKTF-23	06/10/16	8015D/300.0	**710**	**38**	<50	0.75	240	<1.0	<1.0	0.36
	02/25/16	8015D/300.0	**56**	**32**	<5.0	0.69	240	<1.0	<1.0	0.38
	11/9 & 10/2015	8015D/300.0	**71**	**34**	<5.0	1	250	<0.1	<0.1	14
	08/21/15	8015D/300.0	**35**	**29**	<5.0	0.57	**300**	<1.0	<1.0	<2.5
	06/09/15	8015D	**23**	**32**	<5.0	NA	NA	NA	NA	NA
	03/12/15	8015D	**14**	**35**	<5.0	NA	NA	NA	NA	NA
	11/17/14	8015D/300.0	**7.7**	**26**	<5.0	0.43	**390**	<1.0	<1.0	5.9
	09/23/14	8015D	**14**	**23**	<5.0	NA	NA	NA	NA	NA
	11/05/13	8015D	**1.1**	**12**	<5.0	NA	NA	NA	NA	NA
MKTF-24	11/15/18	8015D/300.0	**1.5**	**16**	<5.0	<0.5	**520**	<0.5	<0.5	27
	08/20/18	8015D/300.0	**1.4**	**23**	<5.0	<0.5	**560**	<0.5	<0.5	30
	05/01/18	8015D/300.0	**1.4**	**23**	<5.0	<0.1	**500**	<2.0	0.17	29
	02/06/18	8015D/300.0	**1.1**	**21**	<5.0	<0.5	**430**	<1.0	<1.0	30
	11/20/17	8015D/300.0	**1**	**28**	<5.0	<0.5	**560**	<1.0	<1.0	34
	10/03/17	8015D/300.0	**0.56**	**10**	<5.0	<0.5	**800**	<1.0	<1.0	64
	06/05/17	8015D/300.0	**1.8**	**23**	<5.0	<0.1	**620**	<1.0	<1.0	43
	03/29/17	8015D	**0.74**	**8.2**	<5.0	<0.1	**800**	<1.0	<1.0	59
MKTF-25	11/15/18	300.0/8015D	<1.0	**5**	<5.0	<0.5	**630**	<0.5	<0.5	50
	08/17/18	300.0/8015D	**1**	**17**	<5.0	<0.5	**540**	<0.5	<0.5	23
	05/06/18	300.0/8015D	**1.1**	**12**	<5.0	<0.1	**500**	<1.0	<1.0	28
	02/05/18	300.0/8015D	**0.58**	**16**	<5.0	<0.5	**520**	<1.0	<1.0	27
	11/21/17	300.0/8015D	**0.78**	**17**	<5.0	<0.5	**550**	<0.5	<0.5	29
	09/25/17	8015D/300.0	**1**	**16**	<5.0	0.25	**500**	<1.0	<1.0	31
	06/05/17	300.0/8015D	**1.2**	**8.4**	<5.0	0.054	**420**	<1.0	<1.0	130
	03/29/17	300.0/8015D	**0.95**	**7.8**	<5.0	0.095	**380**	<1.0	<1.0	100
MKTF-26	06/09/16	8015D/300.0	<1.0	**1.5**	<5.0	0.15	**2300**	<1.0	<1.0	230
	02/22/16	8015D/300.0	<1.0	**1.5**	<5.0	0.2	**2000**	**11**	**11**	210
	11/04/15	8015D/300.0	<1.0	**2.3**	<5.0	0.69	**1000**	<1.0	<1.0	94
	08/20/15	8015D/300.0	<1.0	**1.5**	<5.0	<0.5	**1800**	<1.0	<1.0	220
	06/10/15	8015D	<1.0	**2.5**	<5.0	NA	NA	NA	NA	NA
	03/11/15	8015D	<1.0	**2.5**	<5.0	NA	NA	NA	NA	NA
MKTF-27	11/15/18	8015D/300.0	<1.0	<0.05	<5.0	0.83	**3100**	<2.0	0.64	270
	08/20/18	8015D/300.0	<1.0	0.033	<5.0	<0.5	**4000**	<2.0	0.61	300
	05/01/18	8015D/300.0	<1.0	0.028	<5.0	<0.5	**4800**	<2.0	2.3	450
	02/06/18	8015D/300.0	<1.0	0.014	<5.0	0.84	**2300**	**1.7**	1.7	200
	11/20/17	8015D/300.0	<1.0	0.036	<5.0	<0.5	**3200**	0.51	0.51	290
	10/03/17	8015D/300.0	<1.0	0.013	<5.0	<0.5	**2900**	<2.0	<2.0	290
	06/05/17	8015D/300.0	<1.0	0.03	<5.0	0.27	**3800**	**2.5**	2.5	410
	03/29/17	8015D/300.0	<1.0	0.022	<5.0	<0.1	**5000**	**3.7**	3.7	600

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS							
			DRO (mg/L)	GRO (mg/L)	MRO (mg/L)	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	**1.6**	**250**	**1**	**10**	**600**
40 CFR 141.62 MCL			NE	NE	NE	4	NE	1	10	NE
NMED Tap Water (MAR 2019)			NE	NE	NE	1.18	NE	1.97	31.59	NE
EPA RSL for Tap Water (NOV 2018)			NE	NE	NE	0.8	NE	2	32	NE
NMED SSG (MAR 2019)			**0.0858**	**0.0858**	**0.0858**	NE	NE	NE	NE	NE
WELL ID	**DATE SAMPLED**	**METHOD**								
MKTF-28	11/18/18	300.0/8015D	<1.0	<0.05	<5.0	1.4	**400**	<0.5	1.7	180
	08/20/18	300.0/8015D	<1.0	0.024	<5.0	0.48	**540**	<0.5	1.3	240
	05/01/18	300.0/8015D	<1.0	<0.05	<5.0	0.83	**400**	<0.5	2.7	150
	02/06/18	300.0/8015D	<1.0	<0.05	<5.0	1	**380**	**2.7**	2.7	180
	11/20/17	300.0/8015D	<1.0	<0.05	<5.0	1	**410**	**1.9**	1.9	180
	10/03/17	8015D/300.0	<1.0	<0.05	<5.0	0.95	**390**	**1.6**	1.6	150
	06/05/17	8015D/300.0	<1.0	<0.05	<5.0	0.85	**420**	**1.2**	1.2	160
	03/29/17	300.0/8015D	<1.0	<0.05	<5.0	0.87	**410**	1	1	160
MKTF-29	11/15/18	8015D/300.0	<1.0	<0.05	<5.0	0.8	210	<0.5	<0.5	**630**
	08/20/18	8015D/300.0	<1.0	0.021	<5.0	0.57	200	<0.5	0.31	520
	05/01/18	8015D/300.0	**0.66**	<0.05	<5.0	0.68	160	<0.5	0.21	460
	02/06/18	8015D/300.0	<1.0	0.021	<5.0	0.81	160	<1.0	<1.0	560
	11/20/17	8015D/300.0	<1.0	<0.05	<5.0	0.63	150	<1.0	<1.0	**780**
	10/03/17	8015D/300.0	**0.37**	<0.05	<5.0	0.6	150	0.14	0.14	**880**
	06/05/17	8015D/300.0	1	<0.05	<5.0	0.68	150	<1.0	<1.0	**670**
	03/29/17	8015D/300.0	**0.43**	0.012	<5.0	0.75	100	<1.0	<1.0	**640**
MKTF-30	11/15/18	8015D/300.0	<1.0	0.04	<5.0	1.2	**460**	<0.5	<0.5	490
	08/20/18	8015D/300.0	<1.0	**0.12**	<5.0	0.54	**510**	<1.0	<1.0	430
	05/01/18	8015D/300.0	<1.0	0.023	<5.0	1.3	**400**	<1.0	<1.0	480
	02/06/18	8015D/300.0	<1.0	**0.1**	<5.0	1.2	**550**	0.31	0.31	390
	11/20/17	8015D/300.0	<1.0	0.075	<5.0	0.88	**620**	0.44	0.44	410
	10/03/17	8015D/300.0	<1.0	**0.1**	<5.0	0.79	**630**	<2.0	<2.0	510
	06/05/17	8015D/300.0	<1.0	0.048	<5.0	1	**620**	0.3	0.3	560
	03/29/17	8015D/300.0	<1.0	**0.14**	<5.0	0.8	**740**	0.24	0.24	360
MKTF-31	11/15/18	8015D/300.0	<1.0	**0.12**	<5.0	<0.5	**810**	<0.5	<0.5	67
	08/17/18	8015D/300.0	<1.0	**0.22**	<5.0	<0.5	**840**	<0.5	<0.5	64
	05/06/18	8015D/300.0	<1.0	**0.32**	<5.0	<0.1	**750**	<1.0	<1.0	63
	02/05/18	8015D/300.0	<1.0	**0.19**	<5.0	<0.5	**750**	<1.0	<1.0	63
	11/21/17	8015D/300.0	<1.0	**0.23**	<5.0	<0.5	**890**	<0.5	<0.5	76
	09/25/17	8015D/300.0	<1.0	**0.2**	<5.0	<0.5	**770**	<1.0	<1.0	76
	06/05/17	8015D/300.0	**0.47**	**0.15**	<5.0	<0.1	**1200**	<1.0	<1.0	98
	03/07/17	8015D/300.0	<1.0	**0.19**	<5.0	<0.1	**1100**	<1.0	<1.0	87
MKTF-32	11/15/18	8015D/300.0	<1.0	**0.56**	<5.0	<0.5	**370**	<0.5	<0.5	89
	08/28/18	8015D/300.0	<1.0	**0.7**	<5.0	<0.5	**440**	<0.5	<0.5	94
	05/09/18	8015D/300.0	<1.0	**0.64**	<5.0	0.049	**430**	<1.0	<1.0	83
	02/07/18	8015D/300.0	<1.0	**0.65**	<5.0	<5.0	**420**	<1.0	<1.0	93
	11/27/17	8015D/300.0	<1.0	**0.86**	<5.0	<5.0	**420**	<1.0	<1.0	99
	09/25/17	8015D/300.0	<1.0	**0.73**	<5.0	0.32	**420**	<1.0	<1.0	100
	06/06/17	8015D/300.0	<1.0	**0.71**	<5.0	0.31	**480**	<1.0	<1.0	92
	03/07/17	8015D/300.0	<1.0	**0.92**	<5.0	0.17	**400**	<1.0	<1.0	91
MKTF-33	11/28/18	8015D/300.0	**0.69**	**0.24**	<5.0	<0.5	97	<0.5	<0.5	220
	08/30/18	8015D/300.0	**1.3**	**0.49**	<5.0	0.22	93	<0.5	0.23	230
	05/10/18	8015D/300.0	**1.5**	**0.5**	<5.0	0.15	100	<0.1	0.15	210
	02/08/18	8015D/300.0	<1.0	**0.22**	<5.0	<0.5	100	0.18	0.18	280
	11/28/17	8015D/300.0	<1.0	**0.35**	<5.0	0.23	96	0.32	0.32	250
	09/25/17	300.0/8015D	<1.0	**0.26**	<5.0	0.33	93	0.24	0.24	270
	06/08/17	8015D/300.0	<1.0	**0.25**	<5.0	0.17	92	0.21	0.21	290
	03/08/17	8015D/300.0	<1.0	**0.3**	<5.0	0.22	96	0.19	0.19	330
MKTF-34	11/28/18	300.0/8015D	<1.0	<0.05	<5.0	<0.5	210	0.089	8.4	280
	08/24/18	300.0/8015D	<1.0	<0.05	<5.0	0.32	220	<0.5	8.1	230
	05/04/18	300.0/8015D	<1.0	<0.05	<5.0	0.31	230	<0.1	8.1	250
	02/16/18	300.0/8015D	<1.0	0.012	<5.0	0.45	230	<0.5	8.4	230
	12/01/17	300.0/8015D	<1.0	0.027	<5.0	0.54	**270**	**8**	8	230
	09/26/17	300.0/8015D	<1.0	<0.05	<5.0	0.29	**280**	**7.6**	7.6	220
	06/14/17	300.0/8015D	<1.0	<0.05	<5.0	<5.0	**280**	**8.4**	8.4	210
	03/01/17	300.0/8015D	<1.0	<0.05	<5.0	0.45	**310**	**9**	9	220

Table 2
Groundwater Analyses Summary

			PARAMETERS							
STANDARDS			DRO (mg/L)	GRO (mg/L)	MRO (mg/L)	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	**1.6**	**250**	**1**	**10**	**600**
40 CFR 141.62 MCL			NE	NE	NE	4	NE	1	10	NE
NMED Tap Water (MAR 2019)			NE	NE	NE	1.18	NE	1.97	31.59	NE
EPA RSL for Tap Water (NOV 2018)			NE	NE	NE	0.8	NE	2	32	NE
NMED SSG (MAR 2019)			**0.0858**	**0.0858**	**0.0858**	NE	NE	NE	NE	NE
WELL ID	**DATE SAMPLED**	**METHOD**								
MKTF-35	11/28/18	8015D/300.0	<1.0	**0.72**	<5.0	0.85	170	0.068	<0.5	39
	08/23/18	8015D/300.0	<1.0	**0.49**	<5.0	0.67	170	<0.5	<0.5	38
	05/03/18	8015D/300.0	**1.3**	**0.44**	<5.0	0.58	190	<0.1	0.032	48
	02/15/18	8015/300.0	**0.94**	**0.37**	<5.0	0.68	180	<0.5	<0.5	37
	11/30/17	8015D/300.0	**0.92**	**0.47**	<5.0	0.9	190	<1.0	<1.0	34
	09/27/17	8015D/300.0	**1.7**	**0.57**	<5.0	0.8	190	<1.0	<1.0	38
	06/14/17	8015D/300.0	**2.1**	**0.6**	<5.0	0.3	150	<1.0	<1.0	99
	03/01/17	8015D/300.0	**2.1**	**0.73**	<5.0	0.94	71	<1.0	<1.0	410
MKTF-36	09/05/18	8015D/300.0	**5.6**	**25**	<5.0	0.82	190	<0.5	0.07	<2.5
	05/03/18	8015D/300.0	**10**	**26**	<5.0	0.78	180	<0.5	0.085	<2.5
	02/15/18	8015D/300.0	**10**	**27**	<5.0	0.62	180	<0.5	<0.5	<2.5
	11/30/17	8015D/300.0	**12**	**31**	<5.0	0.79	170	0.29	0.29	0.51
	09/27/17	8015D/300.0	**24**	**31**	<50	0.66	160	<1.0	<1.0	0.7
	06/14/17	8015D/300.0	**14**	**34**	<5.0	0.56	140	<1.0	<1.0	<2.5
	03/01/17	8015D/300.0	**13**	**35**	<5.0	0.6	140	<1.0	<1.0	<2.5
MKTF-37	08/23/18	8015D/300.0	**3**	**17**	<5.0	0.47	140	<0.5	<0.5	20
	05/03/18	8015D/300.0	**6.1**	**16**	<5.0	<0.5	240	<0.5	0.084	23
	11/03/17	8015D/300.0	**6.2**	**15**	<5.0	0.16	180	<1.0	<1.0	12
	06/04/15	8015D	**5.7**	**12**	<5.0	NA	NA	NA	NA	NA
	03/17/15	8015D	**4.5**	**11**	<5.0	NA	NA	NA	NA	NA
	11/21/14	8015D	<1.0	**8.7**	<5.0	NA	NA	NA	NA	NA
MKTF-38	11/20/18	8015D/300.0	<1.0	0.13	<5.0	0.81	240	0.21	5.9	400
	08/21/18	8015D/300.0	<1.0	0.025	<5.0	0.8	**370**	<0.5	1.9	300
	05/03/18	8015D/300.0	<1.0	<0.05	<5.0	0.65	**290**	<1.0	0.4	320
	02/12/18	8015D/300.0	<1.0	0.012	<5.0	0.71	210	<0.5	2.8	220
	11/30/17	8015D/300.0	<1.0	0.026	<5.0	0.9	210	**1.2**	1.2	250
	09/28/17	8015D/300.0	<1.0	0.03	<5.0	0.69	230	<0.5	<0.5	260
	06/21/17	8015D/300.0	<1.0	<0.05	<5.0	0.79	**280**	0.24	0.24	290
	03/14/17	8015D	<1.0	<0.05	<5.0	0.74	130	0.26	0.26	380
MKTF-39	11/20/18	8015D/300.0	**11**	**0.25**	<5.0	<0.5	**1900**	0.72	<0.5	<2.5
	08/21/18	8015D/300.0	**11**	**0.91**	<5.0	0.28	**1600**	<0.5	0.2	1.1
	05/06/18	8015D/300.0	**17**	**0.7**	<5.0	0.86	**960**	0.64	<0.5	<2.5
	02/08/18	8015D/300.0	**17**	**0.7**	<5.0	<0.5	**3200**	1	1	<2.5
	11/28/17	8015D/300.0	**14**	**0.9**	<5.0	0.46	**1900**	0.36	0.36	<2.5
	09/28/17	8015D/300.0	**28**	**0.37**	<5.0	<0.5	**3400**	<0.5	<0.5	0.49
	06/08/17	8015D/300.0	**56**	**0.73**	<5.0	0.87	**790**	<1.0	<1.0	0.16
	03/14/17	8015D	**28**	**1.5**	<5.0	0.44	**1000**	<2.0	<2.0	0.23
MKTF-40	11/15/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**2700**	<2.0	<0.5	**610**
	08/17/18	8015D/300.0	<1.0	0.019	<5.0	<0.5	**3100**	<2.0	<0.5	550
	05/06/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**4800**	**2.4**	0.1	560
	02/05/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**4000**	<4.0	<4.0	480
	11/21/17	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**4100**	<2.0	<2.0	590
	09/25/17	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**3600**	<4.0	<4.0	590
	06/05/17	8015D/300.0	<1.0	<0.05	<5.0	<2	**4400**	<4.0	<4.0	580
	03/07/17	8015D/300.0	<1.0	<0.05	<5.0	<0.1	**4200**	<4.0	<4.0	500
MKTF-41	11/15/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**840**	**5.7**	5.7	61
	08/29/18	8015D/300.0	<1.0	<0.05	<5.0	0.57	**850**	<1.0	5.5	64
	05/09/18	8015D/300.0	<1.0	<0.05	<5.0	0.11	**840**	**4.9**	4.9	56
	02/07/18	8015D/300.0	<1.0	0.017	<5.0	0.27	**790**	**5.3**	5.3	61
	11/27/17	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**860**	**5.6**	5.6	65
	09/25/17	8015D/300.0	<1.0	0.029	<5.0	0.47	**810**	**5.3**	5.3	65
	06/06/17	8015D/300.0	<1.0	<0.05	<5.0	0.24	**910**	**5.4**	5.4	66
	03/07/17	8015D/300.0	<1.0	<0.05	<5.0	0.32	**800**	**3.9**	3.9	64

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS							
			DRO (mg/L)	GRO (mg/L)	MRO (mg/L)	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	**1.6**	**250**	**1**	**10**	**600**
40 CFR 141.62 MCL			NE	NE	NE	4	NE	1	10	NE
NMED Tap Water (MAR 2019)			NE	NE	NE	1.18	NE	1.97	31.59	NE
EPA RSL for Tap Water (NOV 2018)			NE	NE	NE	0.8	NE	2	32	NE
NMED SSG (MAR 2019)			**0.0858**	**0.0858**	**0.0858**	NE	NE	NE	NE	NE
WELL ID	**DATE SAMPLED**	**METHOD**								
MKTF-42	11/15/18	8015D/300.0	**63**	**0.56**	<5.0	0.89	**1100**	<0.5	<0.5	87
	08/29/18	8015D/300.0	**64**	**0.21**	<5.0	0.94	**1000**	<1.0	<1.0	98
	05/09/18	8015D/300.0	**72**	**0.4**	<5.0	0.47	**920**	<1.0	<1.0	95
	02/07/18	8015D/300.0	**79**	**0.46**	<5.0	0.43	**810**	<1.0	<1.0	92
	11/27/17	8015D/300.0	**77**	**0.19**	<5.0	<0.5	**850**	<1.0	<1.0	110
	09/25/17	8015D/300.0	**72**	**0.21**	<50	0.6	**820**	<1.0	<1.0	100
	06/06/17	8015D/300.0	**72**	**0.15**	<5.0	0.47	**880**	<1.0	<1.0	110
	03/07/17	8015D/300.0	**79**	**0.14**	<5.0	0.68	**820**	<1.0	<1.0	110
MKTF-43	11/15/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**2600**	<2.0	<2.5	290
	08/30/18	8015D/300.0	<1.0	<0.05	<5.0	0.38	**3200**	<2.0	8.5	260
	05/09/18	8015D/300.0	<1.0	<0.05	<5.0	<2.0	**7600**	**6.5**	6.5	**810**
	02/07/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**8500**	**13**	**13**	**950**
	11/27/17	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**12000**	**14**	**14**	**1200**
	09/25/17	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**9500**	**13**	**13**	**1100**
	06/06/17	8015D/300.0	<1.0	<0.05	<5.0	<2.0	**12000**	**23**	**23**	**980**
	03/08/17	8015D/300.0	<1.0	<0.05	<5.0	<2.0	**13000**	**25**	**25**	**1000**
MKTF-44	11/15/18	8015D/300.0	<1.0	<0.05	<5.0	<0.5	230	<0.5	0.57	100
	08/30/18	8015D/300.0	**1.7**	0.015	<5.0	0.17	**530**	<0.5	2.5	96
	05/10/18	8015D/300.0	<1.0	<0.05	<5.0	0.16	240	0.066	1.1	95
	02/08/18	8015D/300.0	<1.0	0.01	<5.0	<0.5	**390**	**2.1**	2.1	100
	11/28/17	8015D/300.0	<1.0	0.017	<5.0	<0.5	**730**	**4.2**	4.2	91
	09/25/17	8015D/300.0	<1.0	<0.05	<5.0	<0.5	**1100**	**7**	7	85
	06/05/17	8015D/300.0	<1.0	<0.05	<5.0	<0.1	**1300**	**7.6**	7.6	80
	03/08/17	8015D/300.0	<1.0	<0.05	<5.0	<0.1	**3500**	**26**	**26**	59

DEFINITIONS
NE = Not established
NA = Not analyzed
Bold and highlighted values represent values above the applicable standards
STANDARDS
WQCC 20 NMAC 6.2.3103 - Standards for Ground Water of 10,000 mg/l TDS Concentration or Less.
a) Human Health Standards; b) Other Standards for Domestic Water
40 CFR 141.62 Maximum Contaminant Levels for Inorganic Contaminants
NMED Risk Assessment Guidance for Investigations and Remediations Table A-1
EPA Regional Screening Level (RSL) Summary Table
NMED Soil Screening Guidance Volume 1, Table 6-4 (groundwater)
NOTES
1) No samples collected for General Chemistry - not enough water.

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS - TOTAL ANALYSES											
			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.002**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**													
MKTF-1	02/24/16	200.7/200.8	0.002	**3.3**	<0.002	<0.006	<0.006	**5.5**	0.0011	**2.2**	0.0028	<0.005	<0.0002	0.00029	0.0099
	11/04/15	200.7/200.8	<0.005	**3**	<0.002	<0.006	<0.006	**8.3**	0.0069	**2.1**	0.0082	<0.005	<0.0002	0.00061	0.016
	08/21/15	200.7/200.8	0.0033	**2.8**	<0.002	<0.006	<0.006	**8.7**	0.0062	**2.1**	<0.01	<0.005	<0.0002	0.00078	0.014
	06/09/15	200.7/200.8	0.0034	**2.4**	<0.002	0.0065	<0.006	**8.1**	0.0042	**2.2**	0.0045	<0.005	<0.0002	<0.0005	0.015
	03/11/15	200.7/200.8	0.0032	**2.1**	<0.002	<0.006	<0.006	**5.6**	0.002	**1.9**	0.0056	<0.005	<0.0002	<0.001	<0.01
	06/06/14	200.7/200.8	0.007	**4.7**	<0.002	0.035	0.038	**35**	**0.074**	**4.1**	0.0091	<0.005	<0.0002	<0.005	0.078
MKTF-2	11/28/18	200.7/200.8	0.0019	0.44	<0.002	<0.006	<0.006	0.24	0.00059	**0.74**	<0.001	0.0029	NA	NA	0.0035
	08/20/18	200.7/200.8	0.003	0.27	<0.002	<0.006	<0.006	0.2	0.00051	**0.52**	<0.001	0.002	<0.0002	**0.038**	0.0044
	05/01/18	200.7/200.8	0.0025	0.26	<0.002	<0.006	<0.0006	0.36	0.00065	**0.62**	<0.005	<0.005	0.000053	0.023	<0.01
	02/06/18	200.7/200.8	<0.005	0.28	<0.002	<0.006	<0.006	0.57	0.0009	**0.61**	<0.01	0.0016	0.000075	**0.032**	<0.01
	11/20/17	200.7/200.8	0.0034	0.26	<0.002	<0.006	<0.006	0.23	0.00062	**0.6**	<0.005	<0.005	<0.0002	**0.036**	<0.01
	10/03/17	200.7/200.8	0.0054	0.34	<0.002	<0.006	0.004	**3**	0.002	**0.91**	0.0056	<0.005	<0.0002	NA	0.0085
	03/16/17	200.7/200.8	0.004	0.35	<0.002	<0.006	<0.006	**1.4**	0.0017	**0.74**	0.0082	<0.005	<0.0002	0.024	0.0063
MKTF-4	11/20/18	200.7/200.8	**0.011**	**4.1**	<0.002	<0.006	<0.006	**5.1**	0.00039	**2.3**	<0.001	0.0034	<0.0002	NA	0.0057
	09/04/18	200.7/200.8	**0.014**	**2.9**	<0.002	<0.006	<0.006	**5.7**	0.00055	**1.4**	<0.001	0.0022	<0.0002	0.0041	0.0054
	05/02/18	200.7/200.8	**0.013**	**3**	<0.002	<0.006	0.0042	**5.3**	0.001	**1.7**	<0.001	0.0013	<0.0002	0.004	0.0062
	02/14/18	200.7/200.8	0.0069	**2.8**	<0.002	<0.006	<0.006	**5.2**	0.0007	**1.5**	0.0083	0.0021	<0.0002	0.0042	<0.01
	11/28/17	200.7/200.8	**0.015**	**3.5**	<0.002	<0.006	<0.006	**7**	0.00041	**1.3**	0.0062	0.0013	NA	0.0019	<0.01
	09/26/17	200.7/200.8	**0.019**	**3.8**	<0.002	<0.006	<0.006	**9.4**	0.0018	**1.4**	0.011	<0.005	<0.0002	NA	0.0045
	06/08/17	200.7/200.8	**0.011**	**3**	<0.002	<0.006	<0.006	**5**	0.0012	**1.5**	0.012	<0.005	0.000067	0.0035	0.005
	03/02/17	200.7/200.8	**0.012**	**3.2**	<0.002	<0.006	<0.006	**8.2**	0.0019	**1.5**	0.01	<0.005	0.00015	NA	0.0087
MKTF-9	11/28/18	200.7/200.8	0.0023	0.52	<0.002	<0.006	<0.006	**1.9**	0.0008	**3.9**	<0.001	0.0048	NA	NA	<0.01
	09/04/18	200.7/200.8	0.0028	0.57	<0.002	<0.006	<0.006	**1.8**	0.00072	**4.2**	<0.001	0.0035	<0.0002	0.004	<0.01
	05/02/18	200.7/200.8	0.003	0.48	<0.002	<0.006	0.0052	**2.3**	0.0012	**4.4**	<0.001	0.0017	0.000045	0.0044	<0.05
	02/14/18	200.7/200.8	0.0026	0.5	<0.002	<0.006	<0.006	**2.3**	0.0012	**3.9**	0.0041	0.0027	<0.0002	0.0053	<0.01
	11/28/17	200.7/200.8	0.0067	0.65	<0.002	<0.006	<0.006	**2.4**	0.0014	**3.8**	<0.01	0.0025	NA	0.005	<0.01
	09/28/17	200.7/200.8	0.004	0.61	<0.002	<0.006	0.0064	**5.3**	0.0043	**4.8**	0.0085	<0.005	<0.0002	NA	0.0072
	06/12/17	200.7/200.8	0.0025	0.6	<0.002	<0.006	<0.006	**3.5**	0.0028	**4.5**	0.0081	0.00046	<0.0002	NA	0.003
	03/15/17	200.7/200.8	0.0052	0.59	<0.002	<0.006	0.0065	**5.2**	0.0043	**4.4**	0.0072	<0.005	<0.0002	0.0036	0.0046
MKTF-10	11/20/18	200.7/200.8	**0.011**	**4.3**	<0.002	<0.006	<0.006	**8.3**	0.0008	**3**	<0.001	0.0035	<0.0002	NA	0.0037
	09/04/18	200.7/200.8	**0.011**	**4**	<0.002	<0.006	<0.006	**7.7**	0.00053	**2.8**	<0.001	0.0028	<0.0002	0.00021	<0.01
	05/02/18	200.7/200.8	0.0088	**4.7**	<0.002	<0.006	<0.006	**11**	0.00034	**3.9**	<0.001	<0.005	0.000059	0.00011	<0.01
	02/14/18	200.7/200.8	0.008	**4.5**	<0.002	<0.006	<0.006	**12**	0.0013	**3.6**	0.0034	0.0025	<0.0002	0.00035	0.005
	11/28/17	200.7/200.8	0.0099	**4.2**	<0.002	<0.006	<0.006	**9.8**	0.00093	**3**	<0.01	0.0017	NA	<0.005	<0.01
	09/28/17	200.7/200.8	0.007	**4.1**	<0.002	<0.006	0.0038	**9**	0.001	**3**	0.004	<0.005	<0.0002	NA	<0.01
	06/08/17	200.7/200.8	0.0082	**4.1**	<0.002	<0.006	<0.006	**8.3**	0.0021	**3.2**	0.0039	<0.005	0.000065	0.00055	0.0083
	03/02/17	200.7/200.8	**0.014**	**4.7**	<0.002	<0.006	<0.006	**15**	0.0051	**3.5**	0.0047	<0.005	0.00015	NA	0.0091

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			0.01	2	0.005	0.05	1	1	0.015	0.2	0.05	0.05	0.002	0.03	10
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	DATE SAMPLED	METHOD													
MKTF-11	11/20/18	200.7/200.8	0.013	3.3	<0.002	<0.006	<0.006	5.9	0.00042	4	<0.001	0.0056	<0.0002	NA	0.0058
	09/04/18	200.7/200.8	0.016	2.9	<0.002	<0.006	<0.006	7.4	<0.0025	4	<0.005	0.0041	<0.0002	0.0068	<0.01
	05/02/18	200.7/200.8	0.016	3	<0.002	<0.006	0.0054	7.8	<0.0025	3.8	<0.005	<0.005	<0.0002	0.0042	<0.01
	02/08/18	200.7/200.8	0.012	2.6	<0.002	<0.006	<0.006	7.4	0.00066	3	0.0039	0.003	0.000071	0.0047	0.0043
	11/28/17	200.7/200.8	0.016	3	<0.002	<0.006	<0.006	7.6	<0.0025	3.2	<0.005	0.0019	NA	0.0054	<0.01
	09/26/17	200.7/200.8	0.013	3.1	<0.002	<0.006	<0.006	12	0.0034	3.3	0.0063	<0.005	<0.0002	NA	0.0086
	06/08/17	200.7/200.8	0.014	2.2	<0.002	<0.006	<0.006	6.1	0.00084	2.7	0.0031	<0.005	0.000065	0.003	0.0055
	03/02/17	200.7/200.8	0.019	2.3	<0.002	<0.006	<0.006	6.7	0.00063	3.1	0.0037	<0.005	0.00015	NA	0.0038
MKTF-13	11/28/18	200.7/200.8	0.0044	5.9	<0.002	<0.006	<0.006	16	0.0008	4.4	<0.001	0.006	NA	NA	<0.01
	08/30/18	200.7/200.8	0.0047	5.8	<0.002	<0.006	<0.006	19	0.00063	4.7	<0.001	0.0042	0.000038	0.00029	0.0068
	05/10/18	200.7/200.8	0.0027	5.7	<0.002	<0.006	<0.006	17	0.00067	4.6	0.0031	0.0038	0.000046	0.00043	<0.01
	03/15/17	200.7/200.8	0.0056	5	<0.002	<0.006	<0.006	18	0.0021	4.1	0.0075	<0.005	<0.0002	0.00073	0.0048
MKTF-15	08/28/18	200.7/200.8	0.0035	26	<0.002	<0.006	<0.006	36	<0.0025	13	<0.005	0.019	0.000062	<0.0025	0.0045
	05/02/18	200.7/200.8	0.016	33	<0.002	<0.006	0.0075	53	0.0044	18	<0.01	0.0077	<0.0002	<0.005	0.01
	11/28/17	200.7/200.8	0.024	47	<0.002	<0.0006	<0.006	78	0.0037	25	0.0079	0.012	NA	<0.0025	<0.01
	06/08/17	200.7/200.8	0.0072	33	<0.002	0.0011	<0.006	65	0.0098	14	0.0081	<0.005	0.000074	0.0015	0.032
	03/02/17	200.7/200.8	0.0045	29	<0.002	<0.006	<0.006	49	0.0097	9.6	0.0058	<0.005	0.00015	NA	0.027
MKTF-16	11/29/18	200.7/200.8	0.018	1.4	<0.002	<0.006	0.0065	4.1	0.0021	1.5	<0.001	0.0027	0.000065	NA	0.023
	08/31/18	200.7/200.8	0.019	1.9	<0.002	<0.006	<0.006	3.6	0.0019	1.7	<0.005	0.0016	<0.0002	0.0074	0.014
	05/11/18	200.7/200.8	0.012	2.3	<0.002	0.0031	0.0069	4.3	0.0037	1.9	0.0046	0.0015	<0.0002	0.0093	0.026
	02/15/18	200.7/200.8	0.0071	1.6	<0.002	0.023	0.078	18	0.025	0.8	0.0025	<0.005	0.00044	0.006	0.29
	11/29/17	200.7/200.8	0.019	2.9	<0.002	<0.006	<0.006	5.2	0.0012	2.3	0.011	0.0015	NA	0.0066	0.0079
	09/26/17	200.7/200.8	0.016	2.7	<0.002	<0.002	0.0021	8.6	0.002	2.6	0.019	<0.005	0.000058	NA	0.0096
	06/08/17	200.7/200.8	0.019	2.2	<0.002	0.0018	0.0022	3.4	0.0033	1.6	0.014	<0.005	0.000054	0.015	0.016
	03/14/17	200.7/200.8	0.014	1.9	<0.002	<0.006	0.0054	6.3	0.0058	1.7	0.0081	<0.005	NA	0.0024	0.025
MKTF-17	11/28/18	200.7/200.8	0.0066	0.46	<0.002	<0.006	<0.006	2	0.00042	2.2	<0.001	0.0032	NA	NA	0.0036
	08/24/18	200.7/200.8	0.007	0.42	<0.002	<0.006	0.0049	1.7	0.00036	2.4	<0.001	0.0029	0.000064	0.0061	0.0042
	05/04/18	200.7/200.8	0.0071	0.45	<0.002	<0.006	<0.006	1.8	0.00026	2.8	<0.001	0.0015	<0.0002	0.005	0.004
	02/16/18	200.7/200.8	0.0021	0.44	<0.002	<0.006	<0.006	1.7	<0.0005	2.6	0.0085	0.0014	<0.0002	0.0055	<0.01
	12/01/17	200.7/200.8	0.0041	0.62	<0.002	<0.006	<0.006	1.9	0.00065	2.3	<0.01	0.0013	<0.0002	0.0046	<0.01
	09/26/17	200.7/200.8	0.008	0.77	<0.002	<0.006	<0.006	4.2	0.0014	2.9	0.0056	<0.005	<0.0002	NA	0.0044
	06/14/17	200.7/200.8	0.008	0.56	<0.002	0.0022	<0.006	3.8	0.0032	2.5	0.0029	<0.005	<0.0002	NA	0.03
	03/15/17	200.7/200.8	0.0078	0.76	<0.002	<0.006	0.0052	6.5	0.0026	2.8	0.0035	<0.005	<0.0002	0.0057	0.0059
MKTF-18	11/28/18	200.7/200.8	0.0018	1.4	<0.002	0.0048	0.0032	2.5	0.00042	1.9	<0.0005	0.0028	NA	NA	0.004
	08/24/18	200.7/200.8	0.0024	2	<0.002	<0.006	0.0044	2.9	0.00042	2.2	<0.001	0.0028	0.000082	0.00064	0.0034
	05/04/18	200.7/200.8	0.0021	2.1	<0.002	<0.006	<0.006	1.9	0.00051	2.2	<0.003	0.0014	<0.0002	0.00074	0.0051
	02/16/18	200.7/200.8	0.0023	2.2	<0.002	<0.006	<0.006	3.3	0.0028	2.1	0.003	0.0013	<0.0002	0.001	0.015
	06/14/17	200.7/200.8	<0.005	2.4	<0.002	0.0048	0.0032	7	0.0088	2.3	0.0041	<0.005	<0.0002	NA	0.02
	03/01/17	200.7/200.8	0.003	2.2	<0.002	<0.006	<0.006	4.9	0.0047	2.1	0.0039	<0.005	0.00015	NA	0.012
MKTF-19	11/28/18	200.7/200.8	0.012	1.9	<0.002	0.0043	<0.006	7.5	0.0051	2.4	<0.001	0.002	NA	NA	0.02
	08/24/18	200.7/200.8	0.014	2.1	<0.002	0.0019	0.0055	15	0.016	2.4	<0.001	0.0029	<0.0002	0.0034	0.033
	05/04/18	200.7/200.8	0.014	1.8	<0.002	<0.006	<0.006	11	0.0047	2.4	<0.001	0.0015	<0.0002	0.00073	0.0063
	02/16/18	200.7/200.8	0.01	1.7	<0.002	<0.006	<0.006	10	0.0058	2.3	0.0029	0.0018	<0.0002	0.0012	0.012
	12/01/17	200.7/200.8	0.0077	2	<0.002	<0.006	0.0056	14	0.01	2.3	<0.01	<0.005	<0.0002	0.0016	0.011
	09/26/17	200.7/200.8	0.015	2.4	<0.002	0.012	0.015	20	0.026	3.4	0.0077	<0.005	0.000042	NA	0.062
	06/14/17	200.7/200.8	0.014	2.2	<0.002	0.0059	0.01	17	0.022	3.3	<0.01	<0.005	0.000045	NA	0.1
	03/15/17	200.7/200.8	0.018	2.3	<0.002	0.0075	0.018	20	0.033	3.3	0.012	<0.005	<0.0002	0.0071	0.1
MKTF-20	11/29/18	200.7/200.8	0.025	5.5	<0.002	<0.006	0.095	8	0.0047	2.6	<0.001	0.0045	0.000049	NA	0.26
	08/31/18	200.7/200.8	0.028	4	<0.002	<0.006	0.021	5.8	0.0054	3	<0.001	0.0041	<0.0002	0.0017	0.019
	05/11/18	200.7/200.8	0.028	9	<0.002	<0.006	0.027	16	0.0088	5.5	0.012	0.0057	<0.0002	0.0052	0.023
	02/15/18	200.7/200.8	0.016	32	<0.002	<0.006	0.029	52	0.0073	16	0.01	0.011	<0.0002	0.0031	0.029

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.002**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**													
MKTF-20	11/29/17	200.7/200.8	**0.025**	**9.3**	<0.002	<0.006	0.045	**15**	0.0086	**2.9**	0.0096	0.0018	NA	0.0025	0.06
	09/26/17	200.7/200.8	**0.026**	**7.6**	<0.002	0.0022	0.11	**19**	0.0083	**3.9**	0.033	<0.005	<0.0002	NA	0.35
	06/12/17	200.7/200.8	**0.022**	**7.5**	<0.002	<0.006	0.02	**17**	0.012	**4.1**	0.035	<0.005	<0.0002	NA	0.02
	03/14/17	200.7/200.8	**0.025**	**11**	<0.002	<0.006	0.036	**22**	0.013	**6.3**	0.018	NA	<0.0002	0.00085	0.097
MKTF-21	11/29/18	200.7/200.8	**0.02**	**4.3**	<0.002	<0.006	0.022	**29**	0.003	**4.1**	<0.001	0.0037	<0.0002	NA	0.27
	08/31/18	200.7/200.8	**0.023**	**4.1**	<0.002	<0.006	<0.006	**18**	0.0014	**3.7**	<0.001	0.0024	0.000042	0.002	0.015
	05/11/18	200.7/200.8	**0.022**	**4**	<0.005	<0.006	0.013	**43**	0.0023	**5.9**	0.0057	<0.005	0.000041	0.0038	0.11
	02/15/18	200.7/200.8	**0.016**	**2.9**	<0.002	<0.006	0.013	**20**	0.0018	**5**	0.0087	<0.005	<0.0002	0.0055	0.12
	11/28/17	200.7/200.8	**0.023**	**4.4**	<0.002	<0.006	0.0061	**21**	0.0013	**4.9**	0.0056	<0.005	NA	0.0047	0.07
	09/26/17	200.7/200.8	0.01	**2.8**	<0.002	<0.006	0.0032	**7.9**	0.001	**4**	0.0098	<0.005	<0.0002	NA	0.091
	06/21/17	200.7/200.8	**0.018**	**4.1**	<0.002	<0.006	0.01	**43**	0.0065	**6.9**	0.023	<0.005	<0.0002	0.0011	0.069
	03/14/17	200.7/200.8	**0.016**	**3.6**	<0.002	<0.006	0.0052	**29**	0.0035	**5.6**	0.0064	<0.005	<0.0002	0.0013	0.045
MKTF-22	11/28/18	200.7/200.8	0.0019	1.4	<0.002	0.0023	<0.006	**12**	0.0037	**2.5**	<0.001	0.003	NA	NA	0.0077
	08/30/18	200.7/200.8	0.002	1.3	<0.002	<0.006	<0.006	**7.4**	0.002	**2.5**	<0.001	0.0024	0.000049	0.0024	0.0059
	05/10/18	200.7/200.8	0.00091	1.3	<0.002	<0.006	<0.006	**4.4**	0.00043	**2.5**	0.0013	0.0028	0.000047	0.0023	<0.01
	02/08/18	200.7/200.8	0.0025	1.4	<0.002	<0.006	<0.006	**8.3**	0.0039	**2.5**	0.0021	0.0026	0.000093	0.0026	0.0078
	11/28/17	200.7/200.8	<0.02	1.5	<0.002	<0.006	0.0043	**7.9**	0.0048	**2.6**	<0.005	0.0017	NA	0.0026	0.008
	10/03/17	200.7/200.8	0.0024	1.8	<0.002	0.017	0.017	**25**	**0.027**	**3**	0.0022	<0.005	<0.0002	NA	0.034
	06/08/17	200.7/200.8	0.0016	1.3	<0.002	0.0075	0.0061	**10**	0.01	**2.4**	0.0019	<0.005	0.000066	0.0033	0.015
	03/08/17	200.7/200.8	0.0041	2	<0.002	0.01	0.015	**17**	**0.029**	**3.3**	0.0067	<0.005	<0.0002	NA	0.032
MKTF-23	06/10/16	200.7/200.8	**0.013**	0.8	<0.002	0.0029	<0.006	**4.1**	0.0094	**1.7**	0.0094	<0.005	<0.0002	0.0056	0.016
	02/25/16	200.7/200.8	0.0094	0.67	<0.002	<0.006	<0.006	**3.8**	0.0025	**1.6**	0.0035	<0.005	<0.0002	0.0027	0.0054
	11/10/15	200.7/200.8	**0.013**	0.66	<0.002	<0.006	<0.006	0.29	0.0009	**1.4**	<0.02	<0.005	<0.0002	**0.037**	<0.01
	08/21/15	200.7/200.8	**0.014**	0.9	<0.002	0.0062	0.008	**5.4**	0.0088	**1.7**	<0.005	<0.005	<0.0002	**0.032**	0.022
	06/09/15	200.7/200.8	**0.011**	0.83	<0.002	<0.006	0.012	**5.4**	0.0093	**1.6**	<0.005	<0.005	<0.0002	0.011	0.027
	03/12/15	200.7/200.8	**0.013**	0.64	<0.002	<0.006	<0.006	**5.2**	0.0035	**1.8**	0.01	<0.005	<0.0002	0.0062	0.011
	11/17/14	200.7/200.8	**0.011**	0.49	<0.002	<0.006	<0.006	**6.2**	0.005	**1.6**	0.0067	<0.005	<0.0002	0.016	0.035
MKTF-24	11/15/18	200.7/200.8	0.0026	0.28	<0.002	<0.006	0.0048	0.7	0.0018	**2**	<0.001	0.0038	0.000042	0.012	0.0037
	08/20/18	200.7/200.8	0.0029	0.27	<0.002	0.002	<0.006	**1.2**	0.0032	**1.8**	<0.001	0.0029	<0.0002	0.016	0.013
	05/01/18	200.7/200.8	0.003	0.27	<0.2	<0.006	<0.006	**1.3**	0.0026	**2.1**	<0.005	<0.005	0.000061	0.015	0.006
	02/06/18	200.7/200.8	<0.005	0.26	<0.002	<0.006	<0.006	0.78	0.0027	**2.2**	<0.01	0.0023	0.000087	0.016	0.011
	11/20/17	200.7/200.8	0.0028	0.26	<0.002	<0.006	0.0048	**1.4**	0.0031	**2.1**	<0.005	0.0017	<0.0002	0.014	<0.01
	10/03/17	200.7/200.8	0.0039	0.42	<0.002	0.009	0.0084	**8.3**	0.011	**1.8**	0.0052	<0.005	<0.0002	NA	0.019
	06/05/17	200.7/200.8	0.0029	0.27	<0.002	0.0021	0.0035	**1.9**	0.0037	**2.1**	0.0053	<0.005	0.000045	0.017	0.0055
	03/29/17	200.7/200.8	0.006	1.4	<0.002	0.0028	0.037	**24**	**0.043**	**3.9**	0.01	<0.005	0.00013	0.03	0.061
MKTF-25	11/15/18	200.7/200.8	0.0058	0.46	<0.002	**0.1**	0.017	**2.9**	0.0037	**3.1**	<0.001	0.0035	0.0001	**0.055**	0.01
	08/17/18	200.7/200.8	0.0055	0.48	<0.002	0.0033	0.011	**12**	0.0063	**3**	<0.005	0.0023	0.000049	0.029	0.013
	05/06/18	200.7/200.8	0.0053	0.33	<0.002	<0.06	0.0056	**2.6**	0.0021	**2.7**	<0.001	0.0015	0.000062	0.028	0.0039
	02/05/18	200.7/200.8	0.0035	0.42	<0.002	<0.006	0.012	**4.3**	0.0062	**3.2**	<0.01	0.0036	0.000067	0.028	0.011
	11/21/17	200.7/200.8	0.004	0.34	<0.002	0.0032	0.016	**4.5**	0.0053	**2.7**	<0.005	<0.005	<0.0002	0.026	0.0086
	09/25/17	200.7/200.8	0.0052	0.38	<0.002	0.0048	0.0098	**4.1**	0.0057	**2.8**	0.0061	<0.005	0.00004	NA	0.0086
	06/05/17	200.7/200.8	0.0047	0.28	<0.002	0.0052	0.008	**4.8**	0.007	**2.9**	0.0034	<0.005	0.000056	**0.032**	0.0084
	03/29/17	200.7/200.8	0.0059	0.58	<0.002	0.0091	0.019	**8.7**	**0.02**	**3.7**	0.005	<0.005	0.00007	0.028	0.021
MKTF-26	06/09/16	200.7/200.8	0.005	0.75	<0.002	0.011	0.028	**20**	**0.03**	**1.6**	0.0061	<0.005	0.00021	**0.099**	0.073
	02/22/16	200.7/200.8	0.0025	0.23	<0.002	0.0034	0.011	**64**	0.009	**1.1**	0.0029	<0.005	0.00014	**0.089**	0.029
	11/04/15	200.7/200.8	0.005	0.26	<0.002	<0.006	0.016	**9.8**	0.013	**1.3**	<0.05	<0.005	<0.0002	**0.059**	0.04
	08/20/15	200.7/200.8	0.0053	0.23	<0.002	<0.006	0.01	**5.4**	0.0067	**1.4**	0.0062	<0.005	<0.0002	**0.092**	0.022
	06/10/15	200.7/200.8	<0.005	0.18	<0.002	<0.006	<0.006	**2.7**	0.003	**1.3**	<0.005	<0.005	<0.0002	**0.054**	0.015
	03/11/15	200.7/200.8	0.004	0.2	<0.002	<0.006	<0.006	**3.1**	0.0029	**1.3**	0.0047	<0.005	<0.0002	**0.045**	0.012
	11/14/14	200.7/200.8	<0.005	0.15	<0.002	<0.006	<0.006	**1.3**	<0.005	**1.4**	<0.01	<0.005	<0.0002	**0.077**	0.014
	11/15/18	200.7/200.8	0.0039	0.076	<0.002	<0.006	<0.006	**1.2**	0.0015	**0.42**	<0.001	0.0067	0.00004	**0.036**	0.0072

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.002**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	DATE SAMPLED	METHOD													
MKTF-27	08/20/18	200.7/200.8	0.004	0.17	<0.002	0.0042	0.0082	**6.7**	0.0065	**1.2**	<0.005	0.0058	0.000074	**0.035**	0.025
	05/01/18	200.7/200.8	0.008	0.14	<0.002	<0.006	0.0092	**3.4**	0.0029	**0.69**	<0.01	0.0074	0.000074	**0.037**	0.014
	02/06/18	200.7/200.8	<0.005	0.16	<0.002	0.0026	0.0074	**4.1**	0.0041	**0.52**	<0.01	0.0032	0.000094	**0.038**	0.024
	11/20/17	200.7/200.8	0.003	0.19	<0.002	<0.006	0.0084	**6.1**	0.0057	**0.92**	<0.01	0.0021	<0.0002	**0.052**	0.017
	10/03/17	200.7/200.8	0.0048	0.1	<0.002	0.0019	0.0038	**2.1**	0.0024	**0.4**	0.013	<0.005	<0.0002	NA	0.013
	06/05/17	200.7/200.8	0.0042	0.15	<0.002	0.004	0.0029	**4.8**	0.0053	**0.63**	0.011	<0.005	0.000056	**0.07**	0.017
	03/29/17	200.7/200.8	**0.015**	0.26	<0.002	0.0054	<0.006	**9.8**	0.0096	**1.5**	0.022	<0.005	0.000071	**0.097**	0.032
MKTF-28	11/15/18	200.7/200.8	0.0017	0.071	<0.002	<0.006	<0.006	1	0.00095	0.069	<0.001	<0.005	<0.0002	**0.14**	0.0061
	08/20/18	200.7/200.8	0.0024	0.077	<0.002	0.0024	<0.006	**4.4**	0.0029	0.15	<0.001	<0.005	<0.0002	**0.14**	0.013
	05/01/18	200.7/200.8	0.0024	0.082	<0.002	<0.006	<0.006	**2.6**	0.0022	0.13	<0.005	<0.005	0.000075	**0.15**	0.016
	02/06/18	200.7/200.8	<0.005	0.08	<0.002	<0.006	0.0049	**1.6**	0.00019	0.093	<0.01	<0.005	0.000081	**0.15**	0.015
	11/20/17	200.7/200.8	<0.01	0.054	<0.002	<0.006	<0.006	0.14	<0.0005	0.091	<0.01	<0.005	NA	**0.13**	0.0045
	10/03/17	200.7/200.8	0.0051	0.07	<0.002	<0.006	0.004	**1.4**	0.0015	0.11	0.011	<0.005	<0.0002	NA	0.008
	06/05/17	200.7/200.8	0.0048	0.076	<0.002	<0.006	0.0032	**1.6**	0.0016	0.078	0.012	<0.005	<0.0002	**0.16**	0.0057
	03/29/17	200.7/200.8	0.0089	0.36	<0.002	0.0093	0.013	**21**	**0.025**	**0.89**	0.014	<0.005	0.000088	**0.16**	0.079
MKTF-29	11/15/18	200.7/200.8	0.0015	0.037	<0.002	<0.006	0.0051	0.24	0.00023	**0.47**	<0.001	0.0023	<0.0002	0.0081	0.0034
	08/20/18	200.7/200.8	0.002	0.15	<0.002	0.004	0.0078	**4.5**	0.0023	**0.6**	<0.001	0.0018	<0.0002	0.0085	0.012
	05/01/18	200.7/200.8	0.0021	0.15	<0.002	0.0031	0.0052	**3.7**	0.0017	**0.55**	<0.005	<0.005	0.00006	0.0084	0.01
	02/06/18	200.7/200.8	0.00014	0.17	<0.002	0.0052	0.0072	**3.9**	0.0025	**0.65**	<0.01	<0.005	0.0001	0.01	0.014
	11/20/17	200.7/200.8	0.0023	0.32	<0.002	<0.006	0.012	**8**	0.006	**1.1**	0.0023	<0.005	<0.0002	0.0094	0.016
	10/03/17	200.7/200.8	0.002	0.11	<0.002	0.0036	0.0048	**2.9**	0.0021	**0.73**	0.0027	<0.005	<0.0002	NA	0.0085
	06/05/17	200.7/200.8	0.0022	0.22	<0.002	0.0073	0.0075	**5.5**	0.0038	**0.74**	0.0033	<0.005	0.000057	0.012	0.011
	03/29/17	200.7/200.8	0.0019	0.1	<0.002	0.004	0.0034	**2.8**	0.0016	**0.47**	0.0022	<0.005	<0.0002	0.012	0.0059
MKTF-30	11/15/18	200.7/200.8	0.0012	0.048	<0.002	<0.006	<0.006	0.75	0.00076	0.19	<0.001	0.0019	<0.0002	0.028	0.0048
	08/20/18	200.7/200.8	0.0015	0.057	<0.002	0.0021	<0.006	**2.4**	0.0011	0.15	<0.001	<0.005	0.000045	**0.031**	0.0069
	05/01/18	200.7/200.8	0.0023	0.11	<0.002	0.0041	0.0047	**5.1**	0.0029	0.14	<0.005	<0.005	0.000083	**0.039**	0.014
	02/06/18	200.7/200.8	0.0017	0.087	<0.002	0.003	0.0051	**2.8**	0.0025	0.12	<0.005	<0.005	0.00007	0.03	0.011
	11/20/17	200.7/200.8	0.0025	0.081	<0.002	0.002	0.006	**2.5**	0.0021	**0.21**	<0.005	<0.005	<0.0002	**0.031**	0.021
	10/03/17	200.7/200.8	0.0023	0.18	<0.002	0.0075	0.0068	**7.1**	0.007	**0.66**	0.0036	<0.005	<0.0002	NA	0.018
	06/05/17	200.7/200.8	0.0024	0.26	<0.002	0.0077	0.006	**8.5**	0.007	**0.38**	0.0035	<0.005	0.00006	**0.044**	0.017
	03/29/17	200.7/200.8	0.0035	0.33	<0.002	0.0078	0.0043	**7.9**	0.0093	**0.5**	0.0073	<0.005	0.000042	**0.033**	<0.01
MKTF-31	11/15/18	200.7/200.8	0.0023	0.21	<0.002	0.0019	<0.006	**4.1**	0.0046	0.16	<0.001	0.0038	0.000062	**0.042**	0.013
	08/17/18	200.7/200.8	<0.005	0.15	<0.002	<0.006	<0.006	**2**	<0.0025	0.098	<0.005	0.0033	0.000067	**0.038**	0.0048
	05/06/18	200.7/200.8	0.0021	0.13	<0.002	<0.006	<0.006	0.77	0.00061	0.053	<0.005	0.0025	0.000041	**0.044**	0.0034
	02/05/18	200.7/200.8	<0.005	0.15	<0.002	<0.006	<0.006	**2**	0.0021	0.097	<0.005	0.0052	0.000054	**0.044**	0.0068
	11/21/17	200.7/200.8	0.0021	0.14	<0.002	<0.006	0.0044	**2**	0.0018	0.083	<0.005	0.0018	<0.0002	**0.039**	<0.01
	09/25/17	200.7/200.8	0.0025	0.17	<0.002	0.0023	<0.006	**1.3**	0.0023	0.14	0.0081	<0.005	<0.0002	NA	0.0043
	06/05/17	200.7/200.8	0.0026	0.16	<0.002	0.0019	<0.006	**1.3**	0.0014	0.053	0.0069	<0.005	0.000059	**0.051**	0.0052
	03/07/17	200.7/200.8	0.0049	0.25	<0.002	0.0027	<0.006	**3.8**	0.005	0.19	0.011	<0.005	<0.0002	NA	0.013
MKTF-32	11/15/18	200.7/200.8	0.0026	0.07	<0.002	<0.006	0.0042	0.81	0.00099	0.1	<0.001	<0.005	0.000047	**0.055**	0.0068
	08/28/18	200.7/200.8	0.0032	0.12	<0.002	<0.006	0.0083	**2.9**	0.0023	0.11	<0.001	<0.005	0.000083	**0.055**	0.014
	05/09/18	200.7/200.8	0.0029	0.055	<0.002	<0.006	0.0049	0.51	0.00043	0.06	<0.001	<0.005	0.000058	**0.058**	<0.01
	02/07/18	200.7/200.8	<0.005	0.1	<0.002	0.0031	0.0064	**2.1**	0.0019	0.11	<0.01	<0.005	0.000096	**0.06**	0.013
	11/27/17	200.7/200.8	<0.005	0.067	<0.002	<0.006	0.0042	0.75	<0.0025	0.079	<0.005	<0.005	<0.0002	**0.058**	<0.01
	09/25/17	200.7/200.8	0.0035	0.1	<0.002	0.0035	<0.006	**2.2**	0.0021	0.15	0.0045	0.0013	0.000069	NA	<0.01
	06/06/17	200.7/200.8	0.0046	0.22	<0.002	0.0064	0.011	**6.4**	0.0055	**0.23**	0.0063	<0.005	0.000068	**0.065**	0.024
	03/07/17	200.7/200.8	0.0046	0.055	<0.002	<0.006	<0.006	0.51	0.00083	0.08	0.0091	<0.005	<0.0002	NA	0.003
MKTF-33	11/28/18	200.7/200.8	0.001	0.13	<0.002	<0.006	0.0045	**2.7**	0.0019	**0.45**	<0.001	0.0024	NA	NA	0.007
	08/30/18	200.7/200.8	0.0012	0.12	<0.002	<0.006	<0.006	**3.1**	0.0019	**0.42**	<0.001	<0.005	0.000047	**0.032**	0.0091
	05/10/18	200.7/200.8	0.00059	0.1	<0.002	<0.006	<0.006	**1.6**	0.0016	**0.22**	<0.001	0.0017	0.000064	**0.034**	0.0043
	02/08/18	200.7/200.8	0.0018	0.15	<0.002	0.002	<0.006	**4**	0.0037	**0.41**	0.0015	0.0017	0.000098	**0.035**	0.011

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.002**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	DATE SAMPLED	METHOD													
MKTF-33	11/28/17	200.7/200.8	<0.02	0.18	<0.002	<0.006	0.0045	**3**	0.0036	**0.39**	0.0011	<0.005	NA	**0.033**	0.0095
	09/25/17	200.7/200.8	<0.005	0.22	<0.002	0.0058	<0.006	**4.4**	0.0046	**0.6**	<0.005	<0.005	<0.0002	NA	0.012
	06/08/17	200.7/200.8	0.002	0.49	<0.002	0.01	0.0062	**9.8**	0.013	**0.83**	0.003	<0.005	0.000081	**0.037**	0.028
	03/08/17	200.7/200.8	0.0024	0.13	<0.002	<0.006	<0.006	**3.6**	0.0027	**0.41**	0.0054	<0.005	<0.0002	NA	0.0067
MKTF-34	11/28/18	200.7/200.8	0.0012	0.053	<0.002	<0.006	<0.006	0.63	0.00048	0.013	0.0022	0.0016	NA	NA	0.0079
	08/24/18	200.7/200.8	0.0016	0.06	<0.002	<0.006	<0.006	0.83	0.00073	0.022	0.0024	0.0022	0.0004	0.03	0.012
	05/04/18	200.7/200.8	0.0015	0.049	<0.002	<0.006	<0.006	0.34	0.00033	0.0078	0.0027	<0.005	0.00015	**0.037**	0.0068
	02/16/18	200.7/200.8	0.0044	0.083	<0.002	<0.006	<0.006	**2.2**	0.0023	0.045	0.0053	<0.005	0.00021	**0.038**	0.018
	12/01/17	200.7/200.8	0.0016	0.093	<0.002	<0.006	<0.006	**2.2**	0.0022	0.039	0.0063	<0.005	0.000041	**0.038**	0.012
	09/26/17	200.7/200.8	0.004	0.12	<0.002	0.0032	0.0033	**3.8**	0.0018	0.086	0.012	<0.005	0.00012	NA	0.032
	06/14/17	200.7/200.8	0.0019	0.099	<0.002	0.0016	<0.006	**1.6**	0.0017	0.037	0.011	<0.005	0.00005	NA	0.015
	03/01/17	200.7/200.8	0.0034	0.11	<0.002	<0.006	<0.006	**1.8**	0.002	0.049	0.011	NA	0.00018	NA	0.018
MKTF-35	11/28/18	200.7/200.8	0.0019	1.1	<0.002	0.0027	<0.006	**6.7**	0.0031	**3**	<0.001	0.0033	NA	NA	0.0074
	08/23/18	200.7/200.8	0.0027	1.2	<0.002	<0.006	<0.006	**5.6**	0.0037	**3.4**	<0.001	0.0031	0.000099	0.0034	0.0084
	05/03/18	200.7/200.8	0.0036	**2.2**	<0.002	0.0036	0.0059	**8.5**	0.0073	**4**	<0.001	0.0016	0.000055	0.0038	0.014
	02/15/18	200.7/200.8	0.0037	1.3	<0.002	<0.006	<0.006	**6.2**	0.0045	**3.4**	0.0041	0.0023	<0.0002	0.0034	0.012
	11/30/17	200.7/200.8	0.00075	1.6	<0.002	<0.006	<0.006	**6.9**	0.005	**3.6**	<0.005	0.0018	0.00004	0.0028	<0.01
	09/27/17	200.7/200.8	0.0035	**5.2**	<0.002	0.014	0.013	**14**	**0.017**	**5**	0.0057	<0.005	0.000054	NA	0.027
	06/14/17	200.7/200.8	0.0023	**3.9**	<0.002	0.0088	0.0097	**11**	0.013	**4.4**	0.0075	<0.005	0.000045	NA	0.022
	03/01/17	200.7/200.8	0.0021	1.9	<0.002	0.0055	<0.006	**8.6**	0.0087	**4.3**	0.0029	<0.005	0.00015	NA	0.016
MKTF-36	09/05/18	200.7/200.8	**0.016**	**5.8**	<0.002	<0.006	<0.006	**12**	0.0064	**1.6**	<0.001	0.002	0.000038	0.00035	0.031
	05/03/18	200.7/200.8	**0.012**	**5.9**	<0.002	<0.006	<0.006	**13**	0.0051	**1.9**	<0.001	<0.005	0.000052	0.00019	0.016
	02/15/18	200.7/200.8	0.0087	**6.4**	<0.002	<0.006	<0.006	**15**	0.0053	**1.8**	0.0028	<0.005	<0.0002	0.00016	0.01
	11/30/17	200.7/200.8	0.0097	**6.6**	<0.002	<0.006	<0.006	**17**	0.0055	**1.7**	<0.01	<0.005	<0.0002	<0.005	0.052
	09/27/17	200.7/200.8	**0.018**	**5.3**	<0.002	0.0053	0.012	**20**	**0.018**	**2**	0.0035	<0.005	0.000047	NA	0.15
	06/14/17	200.7/200.8	**0.012**	**4.7**	<0.002	<0.006	<0.006	**16**	0.0084	**1.9**	0.0044	<0.005	<0.0002	NA	0.076
	03/01/17	200.7/200.8	**0.013**	**5.8**	<0.002	<0.006	<0.006	**17**	0.0092	**2.1**	0.0032	<0.005	0.00015	NA	0.066
MKTF-37	08/23/18	200.7/200.8	0.0024	0.84	<0.002	<0.006	0.012	**4.8**	0.013	**0.49**	<0.001	<0.005	0.00012	0.019	0.018
	05/03/18	200.7/200.8	0.0027	1.2	<0.002	<0.006	0.014	**3.4**	0.0046	**0.72**	<0.001	<0.005	0.000094	0.013	0.0054
	03/01/17	200.7/200.8	0.004	1.3	<0.002	<0.006	0.0038	**11**	**0.027**	**1.5**	0.0034	<0.005	0.00019	NA	0.027

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.002**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	DATE SAMPLED	METHOD													
MKTF-38	11/20/18	200.7/200.8	0.0015	0.063	<0.002	<0.006	<0.006	0.23	0.00028	**2.8**	0.0019	0.0056	<0.0002	NA	<0.01
	08/21/18	200.7/200.8	0.0029	0.18	<0.002	0.0018	<0.006	**2.8**	0.0026	**3**	<0.001	0.005	0.000061	0.028	0.011
	05/03/18	200.7/200.8	0.0025	0.082	<0.002	<0.006	<0.006	**1.6**	0.0015	**2.4**	<0.001	0.002	0.000045	0.027	0.0058
	02/12/18	200.7/200.8	0.0046	0.21	<0.002	<0.006	0.0053	**2.9**	0.0036	**1.8**	0.0058	0.0022	0.00017	**0.031**	0.0089
	11/30/17	200.7/200.8	0.00069	0.1	<0.002	<0.006	<0.006	**1.7**	0.0019	**1.9**	0.003	0.0021	<0.0002	0.027	<0.01
	09/28/17	200.7/200.8	0.0025	0.21	<0.002	0.005	0.0064	**3.5**	0.0039	**2.3**	0.0047	<0.005	<0.0002	NA	0.01
	06/21/17	200.7/200.8	0.0023	0.36	<0.002	0.0056	0.0067	**6.6**	0.0077	**2.7**	0.0032	<0.005	0.000041	0.026	0.019
	03/14/17	200.7/200.8	0.0022	0.31	<0.002	<0.006	0.0031	**5.8**	0.0072	**2.9**	0.0041	<0.005	<0.0002	0.017	0.018
MKTF-39	11/20/18	200.7/200.8	0.0021	**13**	<0.002	<0.006	0.0057	**12**	0.0044	**2.6**	<0.001	0.0052	<0.0002	NA	0.011
	08/21/18	200.7/200.8	0.0029	**11**	<0.002	<0.006	0.0048	**12**	0.0033	**2.2**	<0.05	0.0043	0.000067	0.00055	0.0065
	05/06/18	200.7/200.8	0.0022	**6.6**	<0.002	<0.006	0.006	**8.1**	0.004	**1.4**	<0.005	<0.005	0.000052	<0.0025	0.012
	02/08/18	200.7/200.8	0.0027	**26**	<0.002	<0.006	<0.006	**24**	0.0047	**4.2**	0.011	0.0066	0.000074	0.00035	0.0034
	11/28/17	200.7/200.8	0.0072	**13**	<0.002	<0.006	0.0066	**13**	0.0039	**1.9**	0.0061	0.0019	NA	<0.0025	0.0064
	09/28/17	200.7/200.8	0.0046	**35**	<0.002	<0.006	0.0021	**34**	0.0026	**5.5**	0.016	<0.005	<0.0002	NA	0.0065
	06/08/17	200.7/200.8	0.0042	**6.7**	<0.002	0.0043	0.0085	**12**	0.011	**1.4**	0.0098	<0.005	0.0001	0.00067	0.02
	03/14/17	200.7/200.8	0.0058	**6.4**	<0.002	0.004	0.0089	**11**	0.012	**1.4**	<0.05	<0.005	0.000067	0.0011	0.022
MKTF-40	11/15/18	200.7/200.8	0.0037	0.072	<0.002	<0.006	<0.006	**1.2**	0.0016	0.025	<0.001	0.0067	0.000042	**0.046**	0.0055
	08/17/18	200.7/200.8	0.0034	0.11	<0.002	0.0022	0.0059	**3.5**	0.0031	0.1	<0.005	0.0073	0.000079	**0.051**	0.011
	05/06/18	200.7/200.8	0.0055	0.18	<0.002	0.0026	0.0048	**5.1**	0.0059	**0.23**	<0.005	0.0044	0.000054	**0.054**	0.17
	02/05/18	200.7/200.8	<0.005	0.17	<0.002	<0.006	0.006	**4.3**	0.0062	0.2	<0.01	0.011	0.000087	**0.054**	0.016
	11/21/17	200.7/200.8	<0.005	0.16	<0.002	<0.006	0.0074	**4**	0.0042	0.18	<0.005	0.0047	<0.0002	**0.053**	0.0085
	09/25/17	200.7/200.8	0.0022	0.14	<0.002	<0.006	<0.006	**2.5**	0.0028	**0.21**	0.0071	<0.005	<0.0002	NA	0.0081
	06/05/17	200.7/200.8	0.0038	0.15	<0.002	0.0018	<0.006	**3.7**	0.0052	0.13	0.0089	<0.005	0.000066	**0.063**	0.013
	03/07/17	200.7/200.8	0.0047	0.22	<0.002	<0.006	<0.006	**5.3**	0.0081	0.2	0.012	<0.005	<0.0002	NA	0.018
MKTF-41	11/15/18	200.7/200.8	0.0022	0.062	<0.002	<0.006	<0.006	0.055	<0.0005	0.0049	0.035	<0.005	0.000051	0.01	0.0035
	08/29/18	200.7/200.8	0.0024	0.11	<0.002	0.0024	0.0064	**3.1**	0.002	0.078	0.035	<0.005	0.000084	0.014	0.014
	05/09/18	200.7/200.8	0.0026	0.085	<0.002	<0.006	<0.006	**1.1**	0.001	0.048	0.039	<0.005	0.000057	0.014	0.0044
	02/07/18	200.7/200.8	0.0056	0.11	<0.002	0.0021	<0.006	**2.4**	0.0026	0.084	0.038	<0.005	0.000085	0.016	0.012
	11/27/17	200.7/200.8	<0.01	0.088	<0.002	<0.006	<0.006	**1.3**	0.0016	0.05	0.037	<0.005	<0.0002	0.015	<0.01
	09/25/17	200.7/200.8	0.0053	0.092	<0.002	0.0022	<0.006	0.99	0.001	0.031	0.044	<0.005	0.000074	NA	<0.01
	06/06/17	200.7/200.8	0.0063	0.14	<0.002	0.0038	0.004	**4.6**	0.0048	0.16	0.044	<0.005	0.000049	0.02	0.015
	03/07/17	200.7/200.8	0.0081	0.12	<0.002	<0.006	<0.006	**2.1**	0.0032	0.1	0.047	<0.005	<0.0002	NA	0.0084
MKTF-42	11/15/18	200.7/200.8	0.0023	0.035	<0.002	<0.006	<0.006	0.039	<0.0005	0.051	0.0015	<0.005	0.000045	0.0092	<0.01
	08/29/18	200.7/200.8	0.0019	0.074	<0.002	<0.006	0.0041	0.47	0.00057	0.15	<0.001	<0.005	0.000074	0.01	0.006
	05/09/18	200.7/200.8	0.002	0.08	<0.002	<0.006	0.0067	0.75	0.0011	0.15	0.0012	<0.005	0.0000067	0.012	0.0085
	02/07/18	200.7/200.8	<0.005	0.08	<0.002	<0.006	0.0046	0.75	0.002	**0.22**	<0.01	<0.005	0.000073	0.0095	0.0079
	11/27/17	200.7/200.8	0.0025	0.071	<0.002	<0.006	<0.006	0.44	<0.0025	**0.21**	<0.005	<0.005	<0.0002	0.011	<0.01
	09/25/17	200.7/200.8	0.0032	0.061	<0.002	<0.006	<0.006	0.22	0.00023	0.2	0.0068	<0.012	0.000048	NA	<0.01
	06/06/17	200.7/200.8	0.0029	0.082	<0.002	<0.006	0.0044	0.92	0.0014	**0.25**	0.0054	<0.005	0.000057	0.012	0.0029
	03/07/17	200.7/200.8	0.0089	0.11	<0.002	<0.006	0.005	**1.2**	0.0023	**0.26**	0.012	<0.005	<0.0002	NA	0.006

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.002**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	0.05	NE	0.002	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0987	0.0812	0.000626	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.1	0.094	0.00063	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**													
MKTF-43	11/15/18	200.7/200.8	0.005	0.091	<0.002	<0.006	0.011	0.95	0.00094	**0.22**	0.0011	0.011	0.000047	**0.032**	0.0039
	08/30/18	200.7/200.8	0.0058	0.16	<0.002	<0.006	<0.006	0.25	<0.0025	**0.43**	<0.005	0.012	0.000051	0.021	0.0066
	05/09/18	200.7/200.8	0.0057	0.19	<0.002	<0.006	0.011	**6**	0.0091	**3.2**	0.034	0.02	0.000061	**0.12**	0.017
	02/07/18	200.7/200.8	0.0058	0.17	<0.002	<0.006	0.012	**4.7**	0.005	**4.9**	0.023	0.029	0.000091	**0.14**	0.018
	11/27/17	200.7/200.8	<0.01	0.13	<0.002	<0.006	0.011	**2.4**	0.0026	**6.8**	<0.05	0.022	<0.0002	**0.13**	<0.01
	09/25/17	200.7/200.8	**0.016**	0.1	<0.002	<0.006	<0.006	**1.4**	0.0015	**8.4**	0.045	<0.005	<0.0002	NA	<0.01
	06/06/17	200.7/200.8	**0.013**	0.16	<0.002	<0.006	<0.006	**4.1**	0.0048	**7.1**	0.043	<0.005	<0.0002	**0.16**	0.014
	03/08/17	200.7/200.8	**0.033**	0.12	<0.01	<0.03	<0.03	**2.6**	<0.025	**11**	**0.082**	<0.005	<0.0002	NA	0.016
MKTF-44	11/15/18	200.7/200.8	0.0077	0.12	<0.002	0.01	0.0066	**7.8**	0.0075	**0.23**	0.0096	<0.005	0.000058	**0.18**	0.036
	08/30/18	200.7/200.8	0.0048	0.071	<0.002	0.0046	<0.006	0.89	0.00081	0.016	0.01	<0.005	0.000039	**0.16**	0.0052
	05/10/18	200.7/200.8	0.0083	0.084	<0.002	0.0064	<0.006	**5.5**	0.0041	0.062	0.012	<0.005	0.000071	**0.19**	0.013
	02/08/18	200.7/200.8	0.0095	0.096	<0.002	0.0088	<0.006	**4.7**	0.0056	0.092	0.011	<0.005	0.000079	**0.18**	0.02
	11/28/17	200.7/200.8	<0.05	0.13	<0.002	0.0098	0.0052	**6.5**	0.0054	0.092	0.0089	<0.005	NA	**0.15**	0.02
	09/25/17	200.7/200.8	0.0033	0.16	<0.002	0.013	<0.006	<0.02	<0.0005	0.00064	0.012	<0.005	<0.0002	NA	0.011
	06/05/17	200.7/200.8	0.0039	0.21	<0.002	0.016	0.0031	**4.1**	0.0052	0.14	0.011	<0.005	0.000058	**0.13**	0.014
	03/08/17	200.7/200.8	**0.012**	0.97	<0.002	0.038	<0.006	**3.1**	0.0042	0.08	0.025	<0.005	<0.0002	NA	0.013

DEFINITIONS
NE = Not established
NA = Not analyzed
Bold and highlighted values represent values above the applicable standards
STANDARDS
WQCC 20 NMAC 6.2.3103 - Standards for Ground Water of 10,000 mg/l TDS Concentration or Less.
a) Human Health Standards; b) Other Standards for Domestic Water
40 CFR 141.62 Maximum Contaminant Levels for Inorganic Contaminants
NMED Risk Assessment Guidance for Investigations and Remediations Table A-1
EPA Regional Screening Level (RSL) Summary Table

Table 2
Groundwater Analyses Summary

STANDARDS			PARAMETERS - DISSOLVED ANALYSES											
			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-1	02/24/16	200.7/200.8	0.0018	**3.2**	<0.002	<0.006	<0.006	**5.2**	<0.0025	**2.1**	<0.005	0.0046	0.00017	0.077
	11/04/15	200.7/200.8	<0.005	**2.7**	<0.002	<0.006	<0.006	**4.7**	<0.0005	**1.9**	<0.005	0.0072	<0.0005	<0.01
	08/21/15	200.7/200.8	<0.005	**2.4**	<0.002	<0.006	<0.006	**4**	<0.0025	**1.9**	<0.005	<0.005	<0.025	<0.01
	06/09/15	200.7/200.8	<0.005	**2.3**	<0.002	<0.006	<0.006	**4.7**	<0.005	**2.1**	<0.005	0.0056	<0.005	<0.01
	03/11/15	200.7/200.8	<0.01	2	<0.002	<0.006	<0.006	**4.4**	<0.001	**1.9**	<0.005	<0.02	<0.001	<0.01
	06/06/14	200.7/200.8	<0.005	1.4	<0.002	<0.006	<0.006	**4.7**	<0.005	**1.7**	<0.005	0.013	<0.01	0.028
MKTF-2	11/28/18	200.7/200.8	<0.005	0.43	<0.002	<0.006	<0.006	0.078	<0.0005	**0.75**	<0.005	<0.005	NA	0.025
	08/20/18	200.7/200.8	0.0025	0.27	<0.002	<0.006	<0.006	0.027	0.00024	**0.51**	0.0022	<0.001	**0.039**	0.0071
	05/01/18	200.7/200.8	0.0021	0.26	<0.002	<0.006	<0.006	0.03	0.00028	**0.57**	<0.005	<0.005	0.024	0.0051
	02/06/18	200.7/200.8	0.0037	0.28	<0.002	<0.006	<0.006	0.022	0.00052	**0.55**	0.0025	<0.005	0.03	0.007
	11/20/17	200.7/200.8	0.0028	0.28	<0.002	<0.006	<0.006	0.03	0.00035	**0.56**	<0.005	<0.005	**0.036**	0.0037
	10/03/17	200.7/200.8	0.0058	0.33	<0.002	<0.006	<0.006	**1.5**	0.00018	**0.92**	<0.005	0.0081	NA	0.034
	03/16/17	200.7/200.8	0.0016	0.31	<0.002	<0.006	<0.006	0.089	0.00025	**0.67**	<0.005	0.0029	0.024	0.015
MKTF-4	11/20/18	200.7/200.8	0.0075	**2.6**	<0.002	<0.006	<0.006	1	<0.0005	**1.5**	0.0023	<0.001	NA	0.029
	09/04/18	200.7/200.8	**0.011**	**3.1**	<0.002	<0.006	<0.006	**3.2**	<0.0005	**1.5**	0.0031	<0.001	0.0032	0.012
	05/02/18	200.7/200.8	0.01	**2.6**	<0.002	<0.006	<0.006	**2.4**	<0.0005	**1.5**	<0.005	<0.001	0.0038	0.0068
	02/14/18	200.7/200.8	<0.02	**2.8**	<0.002	<0.006	<0.006	**1.9**	<0.0005	**1.5**	0.0024	<0.02	0.0044	0.0082
	11/28/17	200.7/200.8	0.0098	**3.1**	<0.002	<0.006	<0.006	**3.7**	<0.0025	**1.3**	<0.005	<0.01	0.0017	<0.01
	09/26/17	200.7/200.8	**0.17**	**3.7**	<0.002	<0.006	<0.006	**7.6**	<0.0005	**1.4**	<0.005	<0.05	NA	0.034
	06/08/17	200.7/200.8	0.0097	**2.9**	<0.002	<0.006	0.0055	0.81	<0.0005	**1.4**	<0.005	0.0091	0.0034	0.011
	03/02/17	200.7/200.8	**0.012**	**3**	<0.002	<0.006	<0.006	**4.8**	<0.0005	**1.4**	<0.005	0.01	NA	0.026
MKTF-9	11/28/18	200.7/200.8	0.0016	0.49	<0.002	<0.006	<0.006	0.82	<0.0005	**4.1**	0.0029	<0.001	NA	0.022
	09/04/18	200.7/200.8	0.0019	0.54	<0.002	<0.006	<0.006	0.94	<0.0005	**4.4**	0.0041	<0.001	0.0038	0.0083
	05/02/18	200.7/200.8	0.0021	0.46	<0.002	<0.006	<0.006	**1.4**	<0.0005	**3.9**	<0.005	<0.001	0.0042	0.0085
	02/14/18	200.7/200.8	0.0025	0.52	<0.002	<0.006	<0.006	**1.3**	<0.0005	**4**	0.0035	0.0048	0.0054	0.008
	11/28/17	200.7/200.8	0.0023	0.61	<0.002	<0.006	<0.006	**1.5**	<0.0025	**3.9**	<0.005	<0.005	0.0046	<0.01
	09/28/17	200.7/200.8	0.0028	0.54	<0.002	<0.006	<0.006	**3**	<0.0005	**4.5**	<0.005	<0.02	NA	0.005
	06/12/17	200.7/200.8	0.0019	0.6	<0.002	<0.006	<0.006	**2.3**	0.00018	**4.6**	<0.005	0.0021	NA	0.015
	03/15/17	200.7/200.8	0.0035	0.57	<0.002	<0.006	<0.006	**2.1**	<0.0005	**4.1**	<0.005	0.0023	0.0033	0.051
MKTF-10	11/20/18	200.7/200.8	0.008	**4**	<0.002	<0.006	<0.006	**6.1**	<0.0005	**2.9**	0.0029	<0.001	NA	0.027
	09/04/18	200.7/200.8	0.009	**4.2**	<0.002	<0.006	<0.006	**6.8**	<0.0005	**2.9**	0.0027	<0.001	0.00022	0.0092
	05/02/18	200.7/200.8	0.0075	**4.2**	<0.002	<0.006	<0.006	**9.2**	<0.0005	**3.3**	<0.005	<0.001	0.00014	0.018
	02/14/18	200.7/200.8	0.0083	**4.8**	<0.002	<0.006	<0.006	**9.7**	<0.0005	**3.7**	0.0026	0.0072	0.0003	0.0078
	11/28/17	200.7/200.8	0.0063	**3.9**	<0.002	<0.006	<0.006	**8.2**	<0.0025	**3**	<0.005	<0.005	<0.0025	<0.01
	09/28/17	200.7/200.8	0.0087	**3.7**	<0.002	<0.006	<0.006	**7.5**	<0.0005	**2.8**	<0.005	0.0074	NA	0.01
	06/08/17	200.7/200.8	0.0082	**4**	<0.002	<0.006	<0.006	**5.6**	<0.0005	**3.1**	<0.005	0.0045	0.00051	0.013
	03/02/17	200.7/200.8	**0.011**	**4.8**	<0.002	<0.006	<0.006	**13**	0.00032	**3.4**	0.0009	0.0039	NA	0.02

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-11	11/20/18	200.7/200.8	0.0098	**3.2**	<0.002	<0.006	<0.006	**3.8**	<0.0005	**4**	0.0052	<0.001	NA	0.04
	09/04/18	200.7/200.8	**0.013**	**3**	<0.002	<0.006	<0.006	**5.2**	<0.0005	**4.1**	0.0044	<0.001	0.006	0.0083
	05/02/18	200.7/200.8	**0.015**	**2.5**	<0.002	<0.006	<0.006	**6.2**	<0.0005	**3.3**	<0.005	<0.005	0.0045	0.0091
	02/08/18	200.7/200.8	**0.012**	**2.4**	<0.002	<0.006	<0.006	**6.1**	<0.0005	**3**	0.0032	0.0045	0.0042	0.0062
	11/28/17	200.7/200.8	**0.013**	**2.8**	<0.002	<0.006	<0.006	**5.8**	<0.0005	**3**	<0.005	<0.005	0.0056	<0.05
	09/26/17	200.7/200.8	**0.011**	**2.9**	<0.002	<0.006	<0.006	**6.8**	<0.0005	**3.1**	<0.005	0.0042	NA	0.03
	06/08/17	200.7/200.8	**0.014**	**2.1**	<0.002	<0.006	<0.006	**5.1**	<0.0005	**2.6**	<0.005	0.0046	0.003	0.011
	03/02/17	200.7/200.8	**0.018**	**2.2**	<0.002	<0.006	<0.006	**5.1**	<0.0005	**3**	0.0014	0.0035	NA	0.031
MKTF-13	11/28/18	200.7/200.8	0.0025	**5.6**	<0.002	<0.006	<0.006	**10**	<0.0005	**4.4**	0.0037	<0.001	NA	0.017
	08/30/18	200.7/200.8	0.0034	**5.8**	<0.002	<0.006	<0.006	**16**	<0.0005	**5.1**	0.0035	<0.001	0.00031	0.011
	05/10/18	200.7/200.8	0.0031	**5.7**	<0.002	<0.006	<0.006	**14**	<0.0025	**4.6**	0.0023	<0.005	<0.005	<0.05
	03/15/17	200.7/200.8	0.0055	**4.7**	<0.002	<0.006	<0.006	**18**	0.00023	**3.9**	<0.005	<0.01	0.00034	0.034
MKTF-15	08/28/18	200.7/200.8	0.0055	**26**	<0.002	<0.006	<0.006	**36**	<0.0025	**14**	0.02	<0.005	<0.0025	0.0096
	05/02/18	200.7/200.8	0.01	**31**	<0.002	<0.006	<0.006	**46**	<0.005	**17**	0.008	<0.01	<0.005	0.0034
	11/28/17	200.7/200.8	0.0072	**44**	<0.002	<0.006	<0.006	**75**	<0.0025	**23**	<0.1	<0.01	<0.0025	<0.01
	06/08/17	200.7/200.8	0.0057	**31**	<0.002	<0.006	<0.006	**54**	<0.0025	**13**	<0.005	0.0062	0.00057	0.011
	03/02/17	200.7/200.8	0.0033	**28**	<0.002	<0.006	<0.006	**45**	<0.0025	**9.5**	0.0066	0.0086	NA	0.019
MKTF-16	11/29/18	200.7/200.8	**0.015**	1.4	<0.002	<0.006	<0.006	**2.7**	<0.0005	**1.5**	<0.005	<0.001	NA	0.031
	08/31/18	200.7/200.8	**0.018**	**2.1**	<0.002	<0.006	<0.006	**1.8**	<0.0005	**1.8**	<0.005	<0.001	0.0062	0.0074
	05/11/18	200.7/200.8	0.01	**2.1**	<0.002	<0.006	<0.006	**3.4**	<0.0025	**1.9**	<0.005	<0.01	0.0067	0.0088
	02/15/18	200.7/200.8	0.0027	0.67	<0.002	<0.006	0.019	0.095	<0.0025	**0.37**	0.002	<0.005	0.002	0.072
	11/29/17	200.7/200.8	**0.015**	**2.7**	<0.002	<0.006	<0.006	**3.5**	<0.0025	**2.1**	<0.005	<0.02	0.0046	<0.01
	09/26/17	200.7/200.8	**0.013**	**2.9**	<0.002	<0.006	<0.006	**8.8**	0.00019	**2.8**	<0.005	<0.05	NA	0.018
	06/08/17	200.7/200.8	**0.018**	**2.3**	<0.002	<0.006	<0.006	**1.4**	<0.0025	**1.7**	<0.005	0.018	0.0087	0.014
	03/14/17	200.7/200.8	0.01	1.9	<0.002	<0.006	<0.006	**4.7**	0.00078	**1.8**	<0.005	<0.02	0.0012	0.027
MKTF-17	11/28/18	200.7/200.8	0.0085	0.43	<0.002	<0.006	<0.006	0.27	<0.0005	**2.5**	0.002	<0.001	NA	0.02
	08/24/18	200.7/200.8	0.0048	0.34	<0.002	<0.006	<0.006	0.39	<0.0005	**2.4**	0.0024	<0.001	0.0061	0.0062
	05/04/18	200.7/200.8	0.0049	0.51	<0.002	<0.006	<0.006	0.17	<0.0005	**2.7**	0.0022	<0.001	0.0045	0.0058
	02/16/18	200.7/200.8	0.0067	0.44	<0.002	<0.006	<0.006	0.13	<0.0005	**2.9**	0.0024	<0.01	0.0055	0.0048
	12/01/17	200.7/200.8	0.0033	0.42	<0.002	<0.006	<0.006	0.14	<0.0005	**2.2**	<0.005	<0.005	0.0062	0.0032
	09/26/17	200.7/200.8	0.0065	0.73	<0.002	<0.006	<0.006	**3.2**	<0.0005	**2.8**	<0.005	<0.01	NA	0.021
	06/14/17	200.7/200.8	0.0079	0.74	<0.002	<0.006	<0.006	**2.9**	<0.0005	**2.7**	<0.005	<0.005	NA	0.0095
	03/15/17	200.7/200.8	0.005	0.76	<0.002	<0.006	<0.006	**1.3**	<0.0005	**2.6**	<0.005	<0.005	0.0054	0.023
MKTF-18	11/28/18	200.7/200.8	0.0018	1.4	<0.002	<0.006	0.0063	0.11	0.00042	**2**	0.002	<0.001	NA	0.027
	08/24/18	200.7/200.8	0.0016	**2.1**	<0.002	<0.006	<0.006	0.68	<0.0005	**2.2**	0.0027	<0.001	0.0006	0.0081
	05/04/18	200.7/200.8	0.0014	**2.1**	<0.002	<0.006	<0.006	0.41	<0.0005	**2.2**	0.0019	<0.001	0.00064	0.0058
	02/16/18	200.7/200.8	<0.005	**2.2**	<0.002	<0.006	<0.006	0.42	<0.0005	**2.2**	<0.005	0.0046	0.0008	0.0083
	06/14/17	200.7/200.8	0.0029	1.9	<0.002	<0.006	0.0063	**2.6**	<0.0005	**1.9**	<0.005	0.0025	NA	0.011
	03/01/17	200.7/200.8	0.0023	2	<0.002	<0.006	<0.006	**1.4**	<0.0005	**1.9**	<0.005	0.0043	NA	0.024

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-19	11/28/18	200.7/200.8	**0.011**	1.2	<0.002	<0.006	<0.006	**8.3**	0.0017	**2.2**	0.0022	<0.001	0.00089	0.018
	08/24/18	200.7/200.8	**0.014**	1.8	<0.002	<0.006	<0.006	**10**	0.0016	**2.3**	0.0025	<0.001	0.00075	0.0097
	05/04/18	200.7/200.8	**0.015**	1.8	<0.002	<0.006	<0.006	**10**	0.0017	**2.4**	<0.005	<0.001	0.0003	0.0042
	02/16/18	200.7/200.8	0.0096	1.7	<0.002	<0.006	<0.006	**9.6**	0.002	**2.4**	<0.005	<0.01	0.00049	0.0071
	12/01/17	200.7/200.8	0.0091	1.5	<0.002	<0.006	<0.006	**9.2**	0.0017	**2.1**	<0.005	<0.005	0.00089	<0.01
	09/26/17	200.7/200.8	**0.014**	1.6	<0.002	<0.006	<0.006	**12**	0.0016	**3.1**	<0.005	0.0048	NA	0.021
	06/14/17	200.7/200.8	**0.014**	1.7	<0.002	<0.006	<0.006	**10**	0.0019	**2.6**	<0.005	<0.02	NA	0.011
	03/15/17	200.7/200.8	**0.015**	1.7	<0.002	<0.006	<0.006	**9**	0.0022	**2.4**	<0.005	<0.01	0.0021	0.031
MKTF-20	11/29/18	200.7/200.8	**0.019**	**4.9**	<0.002	<0.006	0.0059	**2.5**	0.00078	**2.5**	0.0026	<0.001	0.0023	0.061
	08/31/18	200.7/200.8	**0.026**	**4**	<0.002	<0.006	0.011	**5.3**	0.0039	**2.8**	0.0036	<0.005	0.0012	0.014
	05/11/18	200.7/200.8	**0.023**	**8.8**	<0.002	<0.006	0.014	**17**	0.0043	**5.4**	0.0038	0.01	0.0037	0.022
	02/15/18	200.7/200.8	0.0096	**33**	<0.002	<0.006	<0.006	**53**	0.0015	**17**	0.011	0.01	0.0017	0.0093
	11/29/17	200.7/200.8	**0.017**	**8.6**	<0.002	<0.006	0.014	**13**	0.0033	**3**	<0.005	<0.02	0.0023	0.0086
	09/26/17	200.7/200.8	**0.02**	**8.5**	<0.002	<0.006	<0.006	**16**	0.00097	**3.8**	<0.005	<0.1	NA	0.027
	06/12/17	200.7/200.8	**0.021**	**7.6**	<0.002	<0.006	0.0037	**17**	0.0042	**4.1**	<0.005	<0.05	NA	0.019
	03/14/17	200.7/200.8	**0.019**	**12**	<0.002	<0.006	<0.006	**23**	0.0023	**7.2**	<0.005	<0.05	0.00053	0.041
MKTF-21	11/29/18	200.7/200.8	**0.011**	**3.4**	<0.002	<0.006	<0.006	**9.3**	0.00021	**3.6**	0.0032	<0.001	0.0022	0.053
	08/31/18	200.7/200.8	**0.02**	**4.1**	<0.002	<0.006	<0.006	**16**	<0.0025	**3.6**	0.0023	<0.005	0.0011	0.014
	05/11/18	200.7/200.8	**0.022**	**3.8**	<0.002	<0.006	<0.006	**31**	0.00035	**5.8**	<0.005	0.0071	0.0026	0.018
	02/15/18	200.7/200.8	**0.016**	**2.5**	<0.002	<0.006	<0.006	**9.2**	0.0018	**5.2**	0.0025	0.0087	0.0055	0.026
	11/28/17	200.7/200.8	**0.012**	**3.7**	<0.002	<0.006	<0.006	**15**	0.00034	**4.4**	<0.005	0.0084	0.0022	0.011
	09/26/17	200.7/200.8	0.0077	**2.7**	<0.002	<0.006	<0.006	**5.6**	<0.0005	**3.9**	<0.005	<0.02	NA	0.028
	06/21/17	200.7/200.8	**0.014**	**3.9**	<0.002	<0.006	<0.006	**39**	0.00086	**6.7**	<0.005	<0.05	0.00052	0.02
	03/14/17	200.7/200.8	**0.011**	**3.7**	<0.002	<0.006	<0.006	**26**	0.0012	**5.7**	<0.005	0.0039	0.00052	0.045
MKTF-22	11/28/18	200.7/200.8	0.0011	1.1	<0.002	<0.006	<0.006	**1.4**	<0.0005	**2.5**	0.0024	<0.001	NA	0.01
	08/30/18	200.7/200.8	0.0014	1.4	<0.002	<0.006	<0.006	**3**	<0.0005	**2.4**	0.0025	<0.001	0.002	0.006
	05/10/18	200.7/200.8	0.0014	1.2	<0.002	<0.006	<0.006	**1.4**	<0.0025	**2.4**	0.002	<0.005	0.0019	0.0057
	02/08/18	200.7/200.8	<0.005	1	<0.002	<0.006	<0.006	1	<0.0005	**2.2**	0.0035	<0.0005	0.0025	0.0055
	11/28/17	200.7/200.8	0.0025	1.4	<0.002	<0.006	<0.006	**1.6**	<0.0005	**2.3**	<0.005	<0.005	0.0023	<0.01
	10/03/17	200.7/200.8	0.0017	1.6	<0.002	<0.006	<0.006	**7.1**	0.00031	**2.6**	<0.005	0.0029	NA	0.028
	06/08/17	200.7/200.8	0.0022	1	<0.002	<0.006	<0.006	0.98	<0.0005	**2.1**	<0.005	0.0035	0.003	0.011
	03/08/17	200.7/200.8	0.0022	1.4	<0.002	<0.006	<0.006	**4.2**	<0.0005	**2.3**	<0.005	0.0042	NA	0.025
MKTF-23	06/10/16	200.7/200.8	0.01	0.66	<0.002	<0.006	<0.006	**2.6**	0.00065	**1.8**	<0.005	0.009	0.0022	<0.01
	02/25/16	200.7/200.8	0.01	0.58	<0.002	<0.006	<0.006	**3.8**	0.00038	**1.8**	<0.005	0.0042	0.0018	0.0083
	11/09/15	200.7/200.8	**0.015**	0.71	<0.002	<0.006	<0.006	0.99	<0.0025	**1.4**	<0.005	<0.05	0.024	<0.01
	08/21/15	200.7/200.8	**0.011**	0.7	<0.002	<0.006	<0.006	0.34	<0.0005	**1.3**	<0.005	<0.01	0.014	<0.01
	06/09/15	200.7/200.8	0.01	0.75	<0.002	<0.006	<0.006	**2.4**	<0.002	**1.5**	<0.005	<0.005	0.0072	<0.01
	03/12/15	200.7/200.8	**0.013**	0.61	<0.002	<0.006	<0.006	**4.4**	<0.001	**1.9**	<0.005	<0.02	0.0045	<0.01
	11/17/14	200.7/200.8	0.01	0.57	<0.002	<0.006	<0.006	**3.1**	<0.001	**1.7**	<0.005	<0.01	0.013	0.018

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-24	11/15/18	200.7/200.8	0.0013	0.25	<0.002	<0.006	0.0035	0.1	0.0012	**1.8**	0.0027	<0.001	0.013	0.027
	08/20/18	200.7/200.8	0.0021	0.25	<0.002	<0.006	<0.006	0.33	0.0014	**1.8**	0.0028	<0.001	0.015	0.018
	05/01/18	200.7/200.8	0.0025	0.26	<0.002	<0.006	<0.006	0.26	0.0011	**1.9**	<0.005	<0.005	0.013	0.0047
	02/06/18	200.7/200.8	0.0028	0.27	<0.002	<0.006	<0.006	0.24	0.0014	**2.2**	0.0029	<0.005	0.014	0.0096
	11/20/17	200.7/200.8	0.0025	0.26	<0.002	<0.006	<0.006	0.24	0.0013	**2.1**	0.002	<0.005	0.013	0.0035
	10/03/17	200.7/200.8	0.0047	0.23	<0.002	<0.006	<0.006	0.85	0.0006	**1.6**	<0.005	0.0094	NA	0.058
	06/05/17	200.7/200.8	0.0029	0.25	<0.002	<0.006	<0.006	0.21	0.0012	**2.1**	<0.005	0.0052	0.017	0.015
	03/29/17	200.7/200.8	0.0031	0.29	<0.002	<0.006	<0.006	0.55	0.0012	**1.6**	<0.005	0.0057	**0.033**	0.018
MKTF-25	11/15/18	200.7/200.8	0.0043	0.31	<0.002	<0.006	<0.006	0.048	<0.0005	**2.9**	0.0023	<0.001	**0.047**	0.031
	08/17/18	200.7/200.8	0.0052	0.33	<0.002	<0.006	0.0051	0.97	0.00025	**2.4**	0.0033	<0.001	0.027	0.0075
	05/06/18	200.7/200.8	0.0041	0.26	<0.002	<0.006	0.0073	0.75	<0.0005	**2.4**	0.0021	<0.001	0.023	0.0096
	02/05/18	200.7/200.8	0.0041	0.28	<0.002	<0.006	<0.006	0.7	0.00024	**2.6**	0.0023	<0.005	0.023	0.0074
	11/21/17	200.7/200.8	0.0042	0.28	<0.002	<0.006	<0.006	0.8	0.00022	**2.4**	<0.005	<0.005	0.024	<0.01
	09/25/17	200.7/200.8	0.0044	0.24	<0.002	<0.006	<0.006	0.57	0.00039	**2.4**	<0.005	0.0047	NA	0.018
	06/05/17	200.7/200.8	0.0047	0.18	<0.002	<0.006	<0.006	0.57	0.00027	**2.3**	<0.005	0.0044	0.027	0.014
	03/29/17	200.7/200.8	0.0054	0.27	<0.002	<0.006	<0.006	0.56	0.00082	**2.6**	<0.005	0.0076	0.029	0.02
MKTF-26	06/09/16	200.7/200.8	0.0094	0.074	<0.002	<0.006	<0.006	0.48	0.00096	**0.7**	<0.005	0.033	**0.085**	0.004
	02/22/16	200.7/200.8	0.0024	0.12	<0.002	<0.006	<0.006	0.38	0.0013	**0.91**	<0.005	0.0031	**0.042**	0.048
	11/04/15	200.7/200.8	<0.005	0.14	<0.002	<0.006	<0.006	0.35	0.0011	**1**	<0.005	0.0075	**0.062**	<0.01
	08/20/15	200.7/200.8	<0.005	0.1	<0.002	<0.006	<0.006	0.57	<0.0025	**1.1**	<0.005	<0.005	**0.092**	<0.01
	06/10/15	200.7/200.8	<0.005	0.14	<0.002	<0.006	<0.006	0.86	<0.005	**1.2**	<0.005	<0.005	**0.063**	0.036
	03/11/15	200.7/200.8	<0.01	0.17	<0.002	<0.006	<0.006	0.85	<0.001	**1.4**	<0.005	<0.01	**0.045**	0.068
	11/14/14	200.7/200.8	<0.01	0.13	<0.002	<0.006	<0.006	0.18	<0.01	**1.4**	<0.005	<0.01	**0.066**	0.014
MKTF-27	11/15/18	200.7/200.8	0.0017	0.063	<0.002	<0.006	0.0047	0.16	<0.0025	**0.21**	0.0052	<0.001	**0.031**	0.026
	08/20/18	200.7/200.8	0.0024	0.068	<0.002	<0.006	0.0052	<0.02	<0.0025	0.12	0.0064	<0.001	**0.033**	0.012
	05/01/18	200.7/200.8	0.005	0.091	<0.002	<0.006	0.0084	0.034	<0.005	0.033	0.0058	<0.005	**0.034**	0.0099
	02/06/18	200.7/200.8	**0.012**	0.061	<0.002	<0.006	0.0039	0.031	<0.01	0.032	0.0059	<0.02	**0.033**	0.0054
	11/20/17	200.7/200.8	<0.005	0.069	<0.002	<0.006	0.0047	0.1	<0.0025	**0.24**	0.0033	<0.005	**0.046**	0.0044
	10/03/17	200.7/200.8	0.0037	0.067	<0.002	<0.006	<0.006	0.018	<0.0025	**0.17**	<0.005	0.012	NA	0.033
	06/05/17	200.7/200.8	0.0033	0.071	<0.002	<0.006	<0.006	0.058	<0.0025	0.064	<0.005	0.011	**0.058**	0.018
	03/29/17	200.7/200.8	0.004	0.097	<0.002	<0.006	<0.006	0.034	<0.0025	**0.49**	<0.005	0.015	**0.077**	0.022
MKTF-28	11/15/18	200.7/200.8	0.0012	0.048	<0.002	<0.006	0.0053	<0.02	<0.0005	0.0011	<0.005	<0.001	**0.13**	0.016
	08/20/18	200.7/200.8	0.0015	0.034	<0.002	<0.006	<0.006	0.031	<0.0005	0.0046	<0.005	<0.001	**0.15**	0.0088
	05/01/18	200.7/200.8	0.0015	0.046	<0.002	<0.006	<0.006	0.027	<0.0005	0.0024	<0.005	<0.001	**0.14**	0.0076
	02/06/18	200.7/200.8	0.0042	0.051	<0.002	<0.006	<0.006	0.034	<0.0005	0.0032	<0.005	<0.005	**0.13**	0.0076
	11/20/17	200.7/200.8	<0.01	0.087	<0.002	<0.006	0.0053	**2.9**	0.0029	0.18	<0.005	<0.01	**0.15**	0.0066
	10/03/17	200.7/200.8	0.0042	0.049	<0.002	0.0016	<0.006	<0.02	<0.0005	0.0017	<0.005	0.015	NA	0.049
	06/05/17	200.7/200.8	0.004	0.046	<0.002	<0.006	0.01	0.023	<0.0005	0.0023	<0.005	0.0086	**0.13**	0.019
	03/29/17	200.7/200.8	0.0029	0.049	<0.002	<0.006	<0.006	0.11	0.00042	0.011	<0.005	0.0081	**0.16**	0.016

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-29	11/15/18	200.7/200.8	0.001	0.028	<0.002	<0.006	0.0049	<0.02	<0.0005	**0.48**	0.0021	<0.001	0.0077	0.03
	08/20/18	200.7/200.8	0.0012	0.026	<0.002	<0.006	0.0038	0.053	<0.0005	**0.48**	0.002	<0.001	0.0082	0.0076
	05/01/18	200.7/200.8	0.0015	0.021	<0.002	<0.006	<0.006	0.03	<0.0005	**0.38**	<0.005	<0.001	0.0079	0.0048
	02/06/18	200.7/200.8	0.0036	0.024	<0.002	<0.006	<0.006	0.031	<0.0005	**0.49**	0.0023	<0.005	0.0094	0.0063
	11/20/17	200.7/200.8	<0.005	0.031	<0.002	<0.006	<0.006	0.036	<0.0005	**0.71**	<0.005	<0.005	0.0092	0.0034
	10/03/17	200.7/200.8	0.0017	0.031	<0.002	<0.006	<0.006	0.022	<0.0005	**0.62**	<0.005	0.0029	NA	0.064
	06/05/17	200.7/200.8	0.0017	0.031	<0.002	<0.006	<0.006	0.029	<0.0005	**0.53**	<0.005	0.003	0.011	0.014
	03/29/17	200.7/200.8	0.0019	0.032	<0.002	<0.006	0.0053	0.034	0.00017	**0.35**	<0.005	0.0038	0.012	0.021
MKTF-30	11/15/18	200.7/200.8	0.00056	0.03	<0.002	<0.006	<0.006	<0.02	<0.0005	0.013	<0.005	<0.001	0.025	0.035
	08/20/18	200.7/200.8	0.00073	0.032	<0.002	<0.006	<0.006	<0.02	<0.0005	0.015	0.0021	<0.001	0.03	0.013
	05/01/18	200.7/200.8	<0.005	0.016	<0.002	<0.006	<0.006	0.044	<0.0005	0.005	<0.005	<0.005	**0.035**	0.0054
	02/06/18	200.7/200.8	0.0035	0.027	<0.002	<0.006	<0.006	0.047	<0.0005	0.013	<0.005	<0.005	0.03	0.0069
	11/20/17	200.7/200.8	<0.005	0.032	<0.002	<0.006	<0.006	<0.02	<0.0005	0.0081	<0.005	<0.005	0.029	0.005
	10/03/17	200.7/200.8	0.0026	0.033	<0.002	<0.006	<0.006	0.051	0.00018	0.017	<0.005	0.0042	NA	0.019
	06/05/17	200.7/200.8	0.0015	0.026	<0.002	<0.006	<0.006	0.024	<0.0005	0.017	<0.005	0.0044	**0.039**	0.014
	03/29/17	200.7/200.8	0.0013	0.039	<0.002	<0.006	<0.006	0.087	0.00037	0.044	<0.005	0.0055	**0.033**	0.021
MKTF-31	11/15/18	200.7/200.8	0.00062	0.14	<0.002	<0.006	<0.006	0.019	<0.0005	0.051	0.0033	<0.001	**0.035**	0.02
	08/17/18	200.7/200.8	0.001	0.13	<0.002	<0.006	<0.006	<0.02	<0.0005	0.065	0.0035	<0.001	**0.04**	0.011
	05/06/18	200.7/200.8	0.0012	0.11	<0.002	<0.006	<0.006	0.036	<0.0005	0.03	0.0052	<0.001	**0.038**	0.0037
	02/05/18	200.7/200.8	0.0032	0.12	<0.002	<0.006	<0.006	<0.02	<0.0005	0.028	0.0035	0.0056	**0.039**	0.0052
	11/21/17	200.7/200.8	<0.005	0.12	<0.002	<0.006	<0.006	0.026	<0.0005	0.025	0.0023	<0.005	**0.04**	<0.01
	09/25/17	200.7/200.8	0.0025	0.12	<0.002	<0.006	<0.006	<0.02	<0.0005	0.029	<0.005	0.0062	NA	0.012
	06/05/17	200.7/200.8	0.0025	0.14	<0.002	<0.006	<0.006	<0.02	<0.0005	0.013	<0.005	0.0072	**0.046**	0.012
	03/07/17	200.7/200.8	0.0026	0.17	<0.002	<0.006	<0.006	<0.02	<0.0005	0.022	<0.005	0.0078	NA	0.018
MKTF-32	11/15/18	200.7/200.8	0.0022	0.043	<0.002	<0.006	0.0046	<0.02	<0.0005	0.045	<0.005	<0.001	**0.055**	0.023
	08/28/18	200.7/200.8	0.0025	0.051	<0.002	<0.006	0.0045	0.022	<0.0005	0.037	<0.005	<0.001	**0.055**	0.0076
	05/09/18	200.7/200.8	0.0026	0.045	<0.002	<0.006	0.0039	<0.02	<0.0025	0.049	<0.005	<0.005	**0.05**	0.0092
	02/07/18	200.7/200.8	<0.005	0.052	<0.002	<0.006	<0.006	0.031	<0.0005	0.062	<0.005	<0.005	**0.06**	0.0068
	11/27/17	200.7/200.8	0.0033	0.049	<0.002	<0.006	<0.006	0.043	<0.0025	0.078	<0.005	<0.005	**0.055**	<0.01
	09/25/17	200.7/200.8	0.0036	0.045	<0.002	<0.006	<0.006	0.023	<0.0005	0.075	<0.005	0.005	NA	0.0087
	06/06/17	200.7/200.8	0.0041	0.049	<0.002	<0.006	<0.006	0.086	0.00035	0.05	<0.005	0.005	**0.059**	0.011
	03/07/17	200.7/200.8	0.0039	0.043	<0.002	<0.006	<0.006	<0.02	<0.0005	0.065	<0.005	0.0059	NA	0.029
MKTF-33	11/28/18	200.7/200.8	0.00049	0.055	<0.002	<0.006	<0.006	0.03	<0.0005	**0.28**	<0.005	<0.001	NA	0.032
	08/30/18	200.7/200.8	0.00075	0.045	<0.002	<0.006	<0.006	<0.02	<0.0005	0.16	<0.005	<0.001	**0.031**	0.01
	05/10/18	200.7/200.8	0.00076	0.042	<0.002	<0.006	<0.006	<0.02	<0.0025	0.15	<0.005	<0.005	**0.032**	0.0069
	02/08/18	200.7/200.8	<0.001	0.04	<0.002	<0.006	<0.006	<0.02	<0.0005	**0.26**	0.0025	<0.005	**0.036**	0.007
	11/28/17	200.7/200.8	0.00071	0.04	<0.002	<0.006	<0.006	<0.02	<0.0005	**0.28**	<0.005	<0.005	**0.032**	0.0051
	09/25/17	200.7/200.8	<0.005	0.037	<0.002	<0.006	<0.006	<0.02	<0.0005	0.19	<0.005	0.002	NA	0.014
	06/08/17	200.7/200.8	0.0011	0.04	<0.002	<0.006	<0.006	0.029	0.00019	0.042	<0.005	0.0023	**0.035**	0.012
	03/08/17	200.7/200.8	0.0014	0.04	<0.002	<0.006	<0.006	0.032	0.00025	0.2	<0.005	0.0028	NA	0.029

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-34	11/28/18	200.7/200.8	0.00087	0.035	<0.002	<0.006	<0.006	<0.02	<0.0005	0.0004	<0.005	0.0022	**0.036**	0.026
	08/24/18	200.7/2008	0.0011	0.045	<0.002	<0.006	<0.006	<0.02	<0.0005	<0.002	<0.005	0.0025	**0.036**	0.0094
	05/04/18	200.7/200.8	0.0011	0.05	<0.002	<0.006	<0.006	<0.02	<0.0005	0.00041	<0.005	0.0025	**0.036**	0.0061
	02/16/18	200.7/200.8	0.0026	0.049	<0.002	<0.006	<0.006	<0.02	<0.0005	0.0025	<0.005	0.0067	**0.035**	0.0083
	12/01/17	200.7/200.8	<0.005	0.063	<0.002	<0.006	<0.006	<0.02	<0.0025	<0.002	<0.005	<0.005	**0.036**	0.0082
	09/26/17	200.7/200.8	0.0025	0.06	<0.002	0.0015	<0.006	<0.02	<0.0005	0.00062	<0.005	<0.02	NA	0.034
	06/14/17	200.7/200.8	0.0015	0.072	<0.002	<0.006	0.019	0.033	<0.0005	0.00099	<0.005	<0.02	NA	0.01
	03/01/17	200.7/200.8	0.0025	0.079	<0.002	<0.006	<0.006	<0.02	<0.0005	0.00076	<0.005	0.0045	NA	0.028
MKTF-35	11/28/18	200.7/200.8	<0.001	0.31	<0.002	<0.006	<0.006	**3.2**	<0.0005	**3**	0.0025	<0.001	NA	0.044
	08/23/18	200.7/200.8	0.0011	0.37	<0.002	<0.006	<0.006	**2.9**	0.0002	**2.9**	0.0035	<0.001	0.0029	0.018
	05/03/18	200.7/200.8	0.0011	0.31	<0.002	<0.006	<0.006	**3.3**	0.00022	**3.3**	0.0022	<0.001	0.0028	0.0061
	02/15/18	200.7/2000.8	0.0023	0.26	<0.002	<0.006	<0.006	**3.2**	0.0002	**3.4**	0.0025	<0.01	0.0028	<0.05
	11/30/17	200.7/200.8	<0.005	0.29	<0.002	<0.006	<0.006	**2.9**	<0.0005	**3.1**	<0.005	<0.005	0.0024	<0.01
	09/27/17	200.7/200.8	0.002	0.31	<0.002	<0.006	<0.006	**3.3**	0.0003	**3.4**	<0.005	<0.02	NA	0.0067
	06/14/17	200.7/200.8	0.003	0.13	<0.002	<0.006	<0.006	**3.1**	0.00024	**3.1**	<0.005	<0.02	NA	0.0095
	03/01/17	200.7/200.8	0.00072	0.06	<0.002	<0.006	<0.006	**3.1**	<0.0005	**3.3**	<0.005	0.004	NA	0.023
MKTF-36	09/05/18	200.7/200.8	**0.015**	**5.9**	<0.002	<0.006	<0.006	**13**	0.0018	**1.7**	0.0024	<0.001	<0.0005	0.01
	05/03/18	200.7/200.8	**0.011**	**5.7**	<0.002	<0.006	<0.006	**12**	0.0016	**1.9**	<0.005	<0.001	0.00011	0.0096
	02/15/18	200.7/200.8	0.0085	**5.8**	<0.002	<0.006	<0.006	**14**	0.002	**1.9**	<0.005	0.0037	<0.0005	0.006
	11/30/17	200.7/200.8	**0.011**	**5.7**	<0.002	<0.006	<0.006	**13**	0.002	**1.7**	<0.005	<0.005	0.00047	0.0063
	09/27/17	200.7/200.8	**0.016**	**4.7**	<0.002	<0.006	<0.006	**13**	0.0022	**1.7**	<0.005	0.0036	NA	0.043
	06/14/17	200.7/200.8	**0.013**	**4.7**	<0.002	<0.006	<0.006	**14**	0.002	**1.8**	<0.005	0.0026	NA	0.012
	03/01/17	200.7/200.8	**0.012**	**5.4**	<0.002	<0.006	<0.006	**17**	0.002	**2.1**	<0.005	0.0036	NA	0.022
MKTF-37	08/23/18	200.7/200.8	0.0024	0.96	<0.002	<0.006	<0.006	0.99	0.00088	**0.55**	<0.005	<0.001	0.019	0.0081
	05/03/18	200.7/200.8	0.0025	1.1	<0.002	<0.006	<0.006	**1.9**	0.0011	**0.67**	<0.005	<0.001	0.016	0.0074
	03/01/17	200.7/200.8	0.0036	1.2	<0.002	<0.002	<0.006	**2.4**	0.002	**1.1**	<0.005	0.004	NA	0.024
MKTF-38	11/20/18	200.7/200.8	0.0007	0.052	<0.002	<0.006	<0.006	<0.02	<0.0005	**2.7**	0.0034	0.0017	NA	0.031
	08/21/18	200.7/200.8	0.0014	0.043	<0.002	<0.006	<0.006	0.037	<0.0025	**2.2**	0.004	0.00076	0.027	0.01
	05/03/18	200.7/200.8	<0.005	0.034	<0.002	<0.006	<0.006	<0.02	<0.0025	**2.5**	0.0028	<0.005	0.026	0.0071
	02/12/18	200.7/200.8	0.0039	0.032	<0.002	<0.006	0.0034	<0.02	<0.0005	**1.6**	<0.005	0.0078	0.029	0.0057
	11/30/17	200.7/200.8	<0.005	0.031	<0.002	<0.006	<0.006	<0.02	<0.0025	**1.8**	<0.005	<0.005	0.026	<0.01
	09/28/17	200.7/200.8	0.0017	0.03	<0.002	<0.006	<0.006	<0.02	<0.0005	**2.1**	<0.005	0.0041	NA	0.044
	06/21/17	200.7/200.8	0.0026	0.041	<0.002	<0.006	<0.006	0.076	0.00027	**2.5**	<0.005	0.0043	0.024	0.011
	03/14/17	200.7/200.8	0.0011	0.037	<0.002	<0.006	<0.006	0.098	0.00031	**2.6**	<0.005	0.003	0.015	0.029

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-39	11/20/18	200.7/200.8	0.001	**13**	<0.002	<0.006	<0.006	**10**	<0.0005	**2.3**	0.0077	<0.001	NA	0.021
	08/21/18	200.7/200.8	<0.005	**11**	<0.002	<0.006	<0.006	**11**	<0.0025	**2**	0.003	<0.005	<0.0025	0.01
	05/06/18	200.7/200.8	0.0011	**5.6**	<0.002	<0.006	0.0046	**4.9**	0.00027	**9.96**	0.0044	<0.001	<0.0005	0.0043
	02/08/18	200.7/200.8	0.0061	**25**	<0.002	<0.006	<0.006	**22**	<0.0005	**4.2**	0.0083	0.0094	<0.0005	0.0055
	11/28/17	200.7/200.8	0.0027	**12**	<0.002	<0.006	<0.006	**12**	<0.0025	**2**	<0.005	0.0099	<0.0025	<0.01
	09/28/17	200.7/200.8	0.0042	**34**	<0.002	<0.006	<0.006	**31**	<0.0025	**5.2**	<0.005	0.013	NA	0.034
	06/08/17	200.7/200.8	0.0051	**6.7**	<0.002	<0.006	<0.006	**7.3**	0.00087	**1.3**	<0.005	0.016	0.00013	0.084
	03/14/17	200.7/200.8	0.0032	**5.6**	<0.002	<0.006	<0.006	**6.3**	0.00032	**1.2**	<0.005	0.0088	0.000079	0.022
MKTF-40	11/15/18	200.7/200.8	0.0014	0.049	<0.002	<0.006	0.0032	<0.02	<0.0005	0.0031	0.0054	<0.001	**0.039**	0.025
	08/17/18	200.7/200.8	0.0023	0.04	<0.002	<0.006	<0.006	<0.02	<0.0025	<0.002	0.0052	<0.005	**0.053**	0.011
	05/06/18	200.7/200.8	0.0029	0.059	<0.002	<0.006	0.0055	0.03	<0.0025	0.036	0.03	<0.005	**0.048**	<0.01
	02/05/18	200.7/200.8	<0.05	0.08	<0.002	<0.006	0.0033	<0.02	<0.025	0.06	0.0082	0.012	**0.044**	0.0034
	11/21/17	200.7/200.8	0.0046	0.076	<0.002	<0.006	<0.006	0.072	<0.0025	0.021	0.0056	<0.01	**0.052**	<0.01
	09/25/17	200.7/200.8	0.0026	0.072	<0.002	<0.006	<0.006	0.094	<0.0025	0.052	<0.005	0.0082	NA	0.012
	06/05/17	200.7/200.8	0.0023	0.079	<0.002	<0.006	0.0081	0.053	<0.0025	0.09	<0.005	0.0075	**0.058**	0.018
	03/07/17	200.7/200.8	0.0029	0.097	<0.002	<0.006	<0.006	<0.02	<0.0025	0.04	<0.005	0.01	NA	0.02
MKTF-41	11/15/18	200.7/200.8	0.002	0.059	<0.002	0.0021	<0.006	<0.02	<0.0005	0.0024	<0.005	0.033	0.0092	0.023
	08/29/18	200.7/200.8	<0.005	0.056	<0.002	0.0016	<0.006	0.029	<0.0025	0.0028	<0.005	0.035	0.013	0.01
	05/09/18	200.7/200.8	0.0024	0.052	<0.002	0.0013	<0.006	<0.02	<0.0025	0.0014	<0.005	0.04	0.011	0.0084
	02/07/18	200.7/200.8	<0.02	0.057	<0.002	<0.006	<0.006	0.017	<0.0005	0.0016	<0.005	0.038	0.015	0.0075
	11/27/17	200.7/200.8	<0.05	0.061	<0.002	<0.006	<0.006	0.02	<0.0025	0.0016	<0.005	0.037	0.013	<0.01
	09/25/17	200.7/200.8	0.0063	0.063	<0.002	0.0021	<0.006	0.018	<0.0005	0.0014	<0.005	0.045	NA	0.065
	06/06/17	200.7/200.8	0.0064	0.056	<0.002	0.0017	<0.006	0.14	0.00055	0.014	<0.005	0.044	0.02	0.018
	03/07/17	200.7/200.8	0.0055	0.056	<0.002	0.002	<0.006	<0.02	<0.0005	0.0016	<0.005	0.049	NA	0.015
MKTF-42	11/15/18	200.7/200.8	0.0019	0.037	<0.002	<0.006	<0.006	0.02	<0.0005	0.055	<0.005	0.0012	0.0092	0.025
	08/29/18	200.7/200.8	<0.005	0.064	<0.002	<0.006	0.0051	0.11	<0.0025	0.14	<0.005	<0.005	0.011	0.0088
	05/09/18	200.7/200.8	<0.005	0.057	<0.002	<0.006	<0.006	0.096	<0.0025	0.17	<0.005	<0.005	0.0077	0.006
	02/07/18	200.7/200.8	<0.005	0.068	<0.002	<0.006	<0.006	0.28	<0.0005	**0.21**	<0.005	<0.005	0.0083	0.0068
	11/27/17	200.7/200.8	0.0033	0.064	<0.002	<0.006	<0.006	0.21	<0.0025	**0.21**	<0.005	0.0044	0.0093	<0.01
	09/25/17	200.7/200.8`	0.0036	0.059	<0.002	<0.006	<0.006	0.056	<0.0005	0.19	<0.005	0.0086	NA	0.006
	06/06/17	200.7/200.8	0.0035	0.065	<0.002	<0.006	0.0084	0.21	<0.0005	**0.24**	<0.005	0.0079	0.013	0.016
	03/07/17	200.7/200.8	0.0033	0.079	<0.002	<0.006	<0.006	0.061	<0.0005	**0.23**	<0.005	0.0086	NA	0.015
MKTF-43	11/15/18	200.7/200.8	0.002	0.071	<0.002	<0.006	0.0032	<0.02	<0.0005	**0.26**	0.0088	<0.001	0.028	0.025
	08/30/18	200.7/200.8	0.0036	0.14	<0.002	<0.006	<0.006	<0.02	<0.0005	**0.38**	0.013	<0.005	0.019	0.011
	05/09/18	200.7/200.8	0.01	0.057	<0.002	<0.006	0.0057	<0.02	<0.005	**1.7**	0.017	<0.01	**0.086**	0.0064
	02/07/18	200.7/200.8	**0.013**	0.075	<0.01	<0.03	<0.03	<0.1	<0.005	**5.5**	0.0096	<0.05	**0.14**	<0.05
	11/27/17	200.7/200.8	0.0049	0.081	<0.002	<0.006	0.0076	0.072	<0.005	**6.6**	<0.05	<0.05	**0.14**	<0.01
	09/25/17	200.7/200.8	<0.1	0.071	<0.002	<0.006	<0.006	0.022	<0.005	**9.7**	<0.005	0.044	NA	<0.02
	06/06/17	200.7/200.8	<0.1	0.083	<0.002	<0.006	<0.006	0.028	<0.005	**6.6**	<0.005	0.045	**0.18**	0.017
	03/08/17	200.7/200.8	**0.017**	0.068	<0.01	<0.03	<0.03	<0.1	<0.01	**11**	<0.025	**0.059**	NA	0.037

Table 2
Groundwater Analyses Summary

STANDARDS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Silver (mg/L)	Selenium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			**0.01**	**2**	**0.005**	**0.05**	**1**	**1**	**0.015**	**0.2**	**0.05**	**0.05**	**0.03**	**10**
40 CFR 141.62 MCL			0.01	2	0.005	0.1	1.3	NE	0.015	NE	NE	0.05	0.03	NE
NMED Tap Water (MAR 2019)			0.000855	3.28	0.00624	0.0057	0.7898	13.8	NE	2.02	0.0812	0.0987	0.0592	5.96
EPA RSL for Tap Water (NOV 2018)			0.000052	3.8	0.0092	NE	0.8	14	0.015	0.43	0.094	0.1	0.004	6
WELL ID	**DATE SAMPLED**	**METHOD**												
MKTF-44	11/28/18	200.7/200.8	0.0069	0.032	<0.002	0.0027	0.0039	0.16	0.00028	0.0049	<0.005	0.009	**0.18**	0.016
	08/30/18	200.7/200.8	0.005	0.062	<0.002	0.004	<0.006	<0.02	<0.0005	0.0013	<0.005	0.011	**0.15**	0.006
	05/10/18	200.7/200.8	0.0084	0.038	<0.002	0.0044	0.0036	0.087	<0.0025	0.0034	<0.005	0.013	**0.17**	0.0089
	02/08/18	200.7/200.8	0.0075	0.039	<0.002	0.0033	<0.006	<0.02	<0.0005	0.00056	<0.005	<0.015	**0.17**	0.0057
	11/28/17	200.7/200.8	0.0054	0.076	<0.002	<0.006	<0.006	0.034	<0.0005	0.0012	<0.005	0.0097	**0.14**	0.005
	09/25/17	200.7/200.8	0.0033	0.16	<0.002	0.013	<0.006	<0.02	<0.0005	0.00064	<0.005	0.012	NA	0.011
	06/05/17	200.7/200.8	0.0035	0.14	<0.002	0.011	<0.006	0.044	<0.0025	0.0029	<0.005	0.012	**0.13**	0.012
	03/08/17	200.7/200.8	0.0043	0.96	<0.002	0.032	<0.006	<0.02	<0.0025	0.0082	<0.005	0.017	NA	0.023

DEFINITIONS
NE = Not established
NA = Not analyzed
Bold and highlighted values represent values above the applicable standards
STANDARDS
WQCC 20 NMAC 6.2.3103 - Standards for Ground Water of 10,000 mg/l TDS Concentration or Less.
a) Human Health Standards; b) Other Standards for Domestic Water
40 CFR 141.62 Maximum Contaminant Levels for Inorganic Contaminants
NMED Risk Assessment Guidance for Investigations and Remediations Table A-1
EPA Regional Screening Level (RSL) Summary Table
NOTES
2) 2009 Method 6010B Total Recoverable Metals Analysis run
3) Water level too shallow to collect samples.
4) Was not sampled in September due to low recharge rate.
5) Quarterly combined with 2013 Annual sampling event.

Table 2
Groundwater Analyses Summary

STANDARDS			Acenaphthene (mg/L)	Aniline (mg/L)	Benz(a) anthracene (mg/L)	Benzoic Acid (mg/L)	Benzyl alcohol (mg/L)	Bis(2-ethylhexyl) phthalate (mg/L)	Butyl benzyl phthalate (mg/L)	Carbazole (mg/L)	Di-n-octyl phthalate (mg/L)	Dibenzo furan (mg/L)	1,4-Dichlorobenzene (mg/L)	Diethyl phthalate (mg/L)	Dimethyl phthalate (mg/L)	2,4-Dimethyl phenol (mg/L)	Fluorene (mg/L)	1-Methyl naphthalene (mg/L)	2-Methyl naphthalene (mg/L)	2-Methyl phenol (mg/L)	3+4-Methyl phenol (mg/L)	Naphthalene (mg/L)	Pentachloro phenol (mg/L)	Phenanthrene (mg/L)	Phenol (mg/L)	Pyrene (mg/L)	Pyridine (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**0.03**	**0.001**	NE	**0.005**	NE	NE
40 CFR 141.61 MCL			NE	NE	NE	NE	NE	**0.006**	NE	NE	NE	NE	**0.075**	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.001	NE	NE	NE	NE
NMED Tap Water (MAR 2019)			**0.535**	NE	**0.00012**	NE	NE	0.0556	NE	NE	NE	NE	0.00482	**14.8**	**0.612**	**0.354**	**0.288**	**0.0114**	**0.035**	NE	NE	NE	0.00165	0.0004	**0.17**	5.76	**0.117**	NE
EPA RSL for Tap Water (NOV 2018)			0.53	**0.013**	0.00003	**75**	**2**	0.0056	**0.0016**	NE	**0.2**	**0.0079**	0.00048	15	NE	0.36	0.29	0.0011	0.036	**0.93**	**0.93**	0.00017	0.000041	NE	5.8	0.12	**0.02**
WELL ID	**DATE SAMPLED**	**METHOD**																									
MKTF-1	02/24/16	8270C		0.0099		<0.02		<0.01		<0.01						0.026	<0.01	**0.052**	0.022	0.038	0.046	**0.088**		<0.01	**0.012**		
	11/04/15	8270C		0.011		<0.02		<0.01		<0.01						0.068	<0.01	**0.2**	**0.087**	0.049	0.07	**0.12**		0.012	**0.036**		
	08/21/15	8270c		**0.014**		<0.02		<0.01		<0.01						0.046	<0.01	**0.14**	0.03	0.054	0.05	**0.1**		<0.01	**0.022**		
	06/09/15	8270C		<0.01		<0.02		<0.01		<0.01						0.08	<0.01	**0.34**	**0.16**	0.076	0.05	**0.19**		0.022	**0.031**		
	03/11/15	8270C		**0.018**		<0.02		<0.01		<0.01						0.051	<0.01	**0.12**	<0.01	0.061	0.035	**0.09**		<0.01	**0.023**		
	06/06/14	8270C		<0.01		<0.02		<0.01		<0.01						0.05	0.02	**0.31**	**0.31**	0.06	0.031	**0.31**		0.028	**0.019**		
MKTF-2	11/28/18	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.03	<0.01	**0.034**	<0.01	0.022	0.017	**0.035**		<0.01	**0.014**		
	08/20/18	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.0099	<0.01	0.009	<0.01	0.012	0.01	0.0069		<0.01	**0.015**		
	05/01/18	8270c		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	**0.022**	<0.01	<0.01	0.009	0.016		<0.01	**0.0088**		
	02/06/18	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.008	<0.01	**0.031**	<0.01	0.0038	0.012	0.02		<0.01	**0.016**		
	11/20/17	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	0.0047				<0.01	0.0093	<0.01	**0.03**	<0.010	0.0064	0.011	0.017		<0.01	**0.014**		
	10/03/17	8270C		<0.01	<0.01	0.013		<0.01	<0.01	<0.01	<0.01				<0.01	0.003	<0.01	0.0097	<0.01	<0.01	<0.01	0.005		<0.01	**0.019**		
	03/16/17	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	0.0033				<0.01	0.011	<0.01	**0.03**	<0.01	0.013	0.013	**0.038**		<0.01	**0.016**		
MKTF-4	11/20/18	8270C	<0.01	<0.01		<0.02		<0.01		0.015	<0.01	<0.01				<0.01	<0.01	**0.1**	**0.11**	<0.01	<0.01	**0.2**		<0.01	<0.01		<0.01
	09/04/18	8270C	<0.01	<0.01		<0.02		<0.01		0.019	<0.01	<0.01				0.0071	<0.01	**0.13**	**0.16**	<0.01	<0.01	**0.24**		<0.01	<0.01		<0.01
	05/02/18	8270C	<0.01	<0.01		<0.02		<0.01		0.012	<0.01	<0.01				<0.01	<0.01	**0.094**	**0.097**	<0.01	<0.01	**0.15**		<0.01	<0.01		<0.01
	02/14/18	8270C	0.0058	<0.01		<0.02		<0.01		0.015	<0.01	<0.01				0.0036	0.0069	**0.15**	**0.16**	<0.01	<0.01	**0.22**		0.0047	**0.0066**		<0.01
	11/28/17	8270C	0.0068	<0.01		<0.02		<0.01		0.021	<0.01	<0.01				0.0054	0.0081	**0.16**	**0.19**	<0.01	<0.01	**0.27**		0.0068	0.0043		<0.01
	09/26/17	8270C	0.0048	<0.01		<0.02		<0.01		0.019	<0.01	<0.01				0.0049	0.0074	**0.18**	**0.22**	<0.01	<0.01	**0.3**		0.0063	<0.01		<0.01
	06/08/17	8270C	0.0052	<0.01		<0.02		**0.055**		0.011	<0.01	<0.01				0.0054	0.0048	**0.14**	**0.15**	<0.01	<0.01	**0.24**		0.0064	**0.0058**		<0.01
	03/02/17	8270C	0.0061	<0.01		<0.02		**0.0071**		0.02	<0.01	<0.01				0.0038	0.0061	**0.12**	**0.16**	<0.01	<0.01	**0.27**		0.0061	**0.0052**		<0.01
MKTF-9	11/28/18	8270C	<0.01	<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	0.0066	**0.065**	0.013	<0.01	<0.01	**0.046**	<0.02	0.0075	**0.014**		<0.01
	09/04/18	8270C	<0.01	<0.01		<0.02		<0.01		0.0096	<0.01				<0.01	<0.01	<0.01	**0.036**	<0.01	<0.01	<0.01	0.029	<0.02	<0.01	<0.01		<0.01
	05/02/18	8270C	<0.01	<0.01		<0.02		<0.01		0.01	<0.01				<0.01	<0.01	<0.01	**0.054**	<0.01	<0.01	<0.01	**0.035**	<0.02	<0.01	**0.013**		<0.01
	02/14/18	8270C	0.0058	<0.01		<0.02		<0.01		0.013	<0.01				<0.01	<0.01	0.0081	**0.07**	<0.01	<0.01	<0.01	**0.042**	<0.02	0.0073	**0.014**		<0.01
	11/28/17	8270C	0.0059	<0.01		0.014		<0.01		0.015	<0.01				<0.01	<0.01	0.008	**0.077**	0.012	<0.01	<0.01	**0.042**	<0.02	0.0088	**0.018**		<0.01
	09/28/17	8270C	0.0055	<0.01		<0.02		<0.01		0.015	<0.01				0.0049	<0.01	0.0085	**0.089**	<0.01	<0.01	<0.01	**0.043**	<0.02	0.0086	**0.012**		<0.01
	06/12/17	8270C	0.0053	<0.01		<0.02		0.005		0.012	<0.01				<0.01	<0.01	0.0061	**0.059**	0.0079	<0.01	<0.01	**0.042**	<0.02	0.0072	**0.013**		<0.01
	03/15/17	8270C	0.004	<0.01		<0.02		**0.0073**		0.011	0.0037				<0.01	<0.01	0.0049	**0.048**	0.0047	<0.01	<0.01	**0.032**	<0.02	0.0053	**0.005**		<0.01
MKTF-10	11/20/18	8270C		<0.01		<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.014	<0.01	**0.034**	**0.051**	0.0085	0.0068	**0.098**		<0.01	**0.028**		
	09/04/18	8270C		<0.01		<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.013	<0.01	**0.05**	**0.064**	0.01	0.01	**0.13**		<0.01	**0.03**		
	05/02/18	8270C		<0.01		<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.017	<0.01	**0.042**	**0.055**	0.021	0.022	**0.11**		<0.01	**0.036**		
	02/14/18	8270C		<0.01		0.022	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.025	<0.01	**0.053**	**0.082**	0.036	0.037	**0.15**		<0.01	**0.042**		
	11/28/17	8270C		<0.05		0.06	<0.05	**1**	<0.05	<0.05	<0.05				<0.05	0.016	<0.05	**0.047**	**0.079**	0.024	0.028	**0.14**		<0.05	**0.031**		
	09/28/17	8270C		<0.1		0.065	<0.1	**0.082**	<0.1	<0.1	<0.1				0.061	<0.1	<0.1	<0.1	**0.042**	<0.1	<0.1	**0.11**		<0.1	<0.1		
	06/08/17	8270C		0.0049		<0.02	<0.01	<0.01	<0.01	<0.01	0.0048				<0.01	0.029	<0.01	**0.052**	**0.066**	0.073	0.098	**0.16**		<0.01	**0.049**		
	03/02/17	8270C		0.0067		<0.02	0.0045	**0.0067**	<0.01	0.0032	<0.01				<0.01	0.031	<0.01	**0.037**	**0.049**	0.083	0.13	**0.12**		<0.01	**0.05**		
MKTF-11	11/20/18	8270C		0.0092		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.028	<0.01	0.0084	0.0091	0.098	0.1	**0.038**		<0.01	**0.092**		
	09/04/18	8270C		0.011		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.038	<0.01	0.0099	0.011	0.11	0.12	**0.047**		<0.01	**0.056**		
	05/02/18	8270C		0.012		0.016		<0.01	<0.01	<0.01	<0.01				<0.01	0.033	<0.01	0.0099	0.0091	0.12	0.15	**0.039**		<0.01	**0.052**		
	02/08/18	8270C		**0.02**		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.054	<0.01	**0.017**	0.012	0.2	0.26	**0.054**		<0.01	**0.08**		
	11/28/17	8270C		**0.021**		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.055	<0.01	**0.014**	0.012	0.22	0.27	**0.045**		<0.01	**0.088**		
	09/26/17	8270C		**0.026**		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	0.086	<0.01	**0.013**	0.013	0.33	0.39	**0.044**		<0.01	**0.094**		
	06/08/17	8270C		**0.014**		<0.02		0.0058	<0.01	<0.01	<0.01				<0.01	0.062	<0.01	0.011	0.0084	0.21	0.23	**0.031**		<0.01	**0.073**		
	03/02/17	8270C		<0.01		0.011		**0.0076**	<0.01	<0.01	<0.01				<0.01	0.013	<0.01	0.0092	0.0069	0.04	0.031	0.024		<0.01	**0.015**		
MKTF-13	11/28/18	8270C		<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.021	0.0076	**0.091**	**0.1**	0.0071	0.0099	**0.15**		0.0063	**0.045**		
	08/30/18	8270C		<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	**0.041**	**0.046**	<0.01	<0.01	**0.057**		<0.01	<0.01		
	05/10/18	8270C		<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.014	<0.01	**0.074**	**0.085**	<0.01	0.006	**0.12**		<0.01	**0.03**		
	03/15/17	8270C		<0.01	<0.01	<0.02	<0.01	**0.0071**	<0.01	<0.01	0.0035				<0.01	0.0067	0.0034	**0.045**	**0.063**	<0.01	0.0034	**0.084**		0.003	**0.0082**		
MKTF-15	08/28/18	8270C		<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.059	<0.01	**0.014**	0.014	0.37	0.17	**0.05**		<0.01	**0.44**	<0.01	<0.01
	05/02/18	8270C		<0.05	<0.05	0.13	<0.05	<0.05	<0.05	<0.05	<0.05				<0.05	0.07	<0.05	<0.05	<0.05	0.35	0.23	**0.044**		<0.05	**0.66**	<0.05	<0.05
	11/28/17	8270C		**0.041**	**0.054**	0.051	<0.1	<0.1	<0.1	<0.1	<0.1				<0.1	0.067	<0.1	<0.1	<0.1	0.38	0.34	**0.72**		0.054	**0.71**	0.062	<0.1
	06/08/17	8270C		**0.052**	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05				<0.05	0.088	<0.05	<0.05	<0.05	0.25	0.19	**0.042**		<0.05	**0.14**	<0.05	<0.05
	03/02/17	8270C		<0.01	<0.01	0.021	0.0049	**0.0076**	<0.01	0.0032	<0.01				<0.01	0.055	<0.01	**0.016**	0.017	0.28	0.29	**0.06**		<0.01	<0.01	<0.01	<0.01
MKTF-16	11/29/18	8270C		<0.01		0.032		<0.01	<0.01	<0.01	<0.01					0.017	<0.01	**0.014**	0.018	0.013	<0.01	**0.062**		<0.01	**0.15**		
	08/31/18	8270C		<0.01		0.025		<0.01	<0.01	<0.01	<0.01					0.043	<0.01	**0.017**	0.011	0.015	<0.01	**0.072**		<0.01	**0.33**		
	05/11/18	8270C		<0.01		0.041		<0.01	<0.01	<0.01	<0.01					0.0037	<0.01	**0.022**	0.016	0.012	0.0058	**0.063**		<0.01	**0.29**		
	02/15/18	8270C		<0.01		0.0077		<0.01	<0.01	<0.01	<0.01					0.0036	<0.01	<0.01	<0.01	<0.01	0.0063	<0.01		<0.01	**0.062**		
	11/29/17	8270C		<0.05		0.05		**0.035**	<0.05	<0.05	<0.05					0.059	<0.05	**0.026**	0.023	0.029	0.016	**0.09**		<0.05	**0.49**		
	09/26/17	8270C		<0.05		0.051		<0.05	<0.05	<0.05	<0.05					0.05	<0.05	**0.018**	0.026	0.036	<0.05	**0.1**		<0.05	**0.11**		
	06/08/17	8270C		<0.01		0.016		**0.0062**	<0.01	<0.01	<0.01					0.11	<0.01	**0.034**	0.025	0.024	0.0081	**0.094**		<0.01	**0.45**		
	03/14/17	8270C		0.0038		<0.02		**0.0068**	<0.01	0.003	0.0035					0.034	<0.01	**0.026**	0.026	0.035	0.0028	**0.098**		<0.01	**0.029**		

Table 2
Groundwater Analyses Summary

STANDARDS			Acenaphthene (mg/L)	Aniline (mg/L)	Benz(a) anthracene (mg/L)	Benzoic Acid (mg/L)	Benzyl alcohol (mg/L)	Bis(2-ethylhexyl) phthalate (mg/L)	Butyl benzyl phthalate (mg/L)	Carbazole (mg/L)	Di-n-octyl phthalate (mg/L)	Dibenzo furan (mg/L)	1,4-Dichlorobenzene (mg/L)	Diethyl phthalate (mg/L)	Dimethyl phthalate (mg/L)	2,4-Dimethyl phenol (mg/L)	Fluorene (mg/L)	1-Methyl naphthalene (mg/L)	2-Methyl naphthalene (mg/L)	2-Methyl phenol (mg/L)	3+4-Methyl phenol (mg/L)	Naphthalene (mg/L)	Pentachloro phenol (mg/L)	Phenanthrene (mg/L)	Phenol (mg/L)	Pyrene (mg/L)	Pyridine (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**0.03**	**0.001**	NE	**0.005**	NE	NE
40 CFR 141.61 MCL			NE	NE	NE	NE	NE	**0.006**	NE	NE	NE	NE	**0.075**	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.001	NE	NE	NE	NE
NMED Tap Water (MAR 2019)			**0.535**	NE	**0.00012**	NE	NE	0.0556	NE	NE	NE	NE	0.00482	**14.8**	**0.612**	**0.354**	**0.288**	**0.0114**	**0.035**	NE	NE	NE	0.00165	0.0004	**0.17**	5.76	**0.117**	NE
EPA RSL for Tap Water (NOV 2018)			0.53	**0.013**	0.00003	**75**	**2**	0.0056	**0.0016**	NE	**0.2**	**0.0079**	0.00048	15	NE	0.36	0.29	0.0011	0.036	**0.93**	**0.93**	0.00017	0.000041	NE	5.8	0.12	**0.02**
WELL ID	DATE SAMPLED	METHOD																									
MKTF-17	11/28/18	8270C		<0.01		0.018		<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	08/24/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/04/18	8270C		<0.01		0.011		<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/16/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0061		<0.01	**0.0071**		
	12/01/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0033		<0.01	<0.01		
	09/26/17	8270C		<0.01		<0.02		**0.31**	<0.01	<0.01	<0.01					<0.01	0.0046	0.01	<0.01	<0.01	<0.01	0.008		<0.01	<0.01		
	06/14/17	8270C		<0.01		<0.02		0.005	<0.01	<0.01	<0.01					<0.01	<0.01	**0.018**	<0.01	<0.01	<0.01	0.027		<0.01	**0.0055**		
	03/15/17	8270C		<0.01		<0.02		**0.007**	<0.01	<0.01	0.0035					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0049		<0.01	0.005		
MKTF-18	11/28/18	8270C	<0.01	<0.01		0.017		<0.01	<0.01	<0.01	<0.01	0.0051			<0.01	<0.01	0.007	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	08/24/18	8270C	<0.01	<0.01		0.012		<0.01	<0.01	<0.01	<0.02	<0.03			<0.01	<0.01	<0.01	**0.08**	0.025	<0.01	<0.01	0.02		<0.01	<0.01		
	05/04/18	8270C	<0.01	<0.01		0.016		<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	**0.043**	0.014	<0.01	<0.01	0.01		<0.01	<0.01		
	02/16/18	8270C	<0.01	<0.01		<0.02		<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	0.0082	**0.087**	0.025	<0.01	<0.01	0.02		0.005	<0.01		
	06/14/17	8270C	0.0085	<0.01		<0.02		<0.01	<0.01	<0.01	<0.01	0.0051			<0.01	<0.01	0.007	**0.079**	0.023	<0.01	<0.01	0.019		0.008	<0.01		
	03/01/17	8270C	0.0055	<0.01		<0.02		**0.0075**	<0.01	0.0026	<0.01	<0.01			0.0032	<0.01	0.0062	**0.063**	0.024	<0.01	<0.01	0.017		0.0049	<0.01		
MKTF-19	11/28/18	8270C	<0.01	<0.01		<0.02		<0.01		0.008	<0.01				<0.01	<0.01	<0.01	**0.12**	**0.21**	<0.01	<0.01	**0.4**		<0.01	**0.011**	<0.01	
	08/24/18	8270C	<0.01	<0.01		<0.02		<0.01		0.0078	<0.01				<0.01	0.0074	<0.01	**0.14**	**0.23**	<0.01	<0.01	**0.31**		<0.01	**0.015**	<0.01	
	05/04/18	8270C	<0.01	<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	**0.091**	**0.17**	<0.01	<0.01	**0.24**		<0.01	**0.013**	<0.01	
	02/16/18	8270C	0.0049	<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	0.0041	0.0065	**0.12**	**0.22**	<0.01	<0.01	**0.31**		<0.01	**0.014**	<0.01	
	12/01/17	8270C	<0.01	<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	**0.18**	**0.27**	<0.01	<0.01	**0.34**		<0.01	<0.01	<0.01	
	09/26/17	8270C	<0.01	<0.01		<0.02		**0.0097**		0.0055	<0.01				<0.01	0.003	0.0043	**0.1**	**0.16**	<0.01	<0.01	**0.21**		<0.01	**0.0091**	<0.01	
	06/14/17	8270C	0.0042	<0.01		<0.02		0.0051		0.0062	<0.01				<0.01	0.006	0.0045	**0.11**	**0.16**	<0.01	<0.01	**0.28**		0.0055	**0.015**	<0.01	
	03/15/17	8270C	0.0036	<0.01		<0.02		**0.0073**		0.0046	0.0034				<0.01	0.0052	0.0039	**0.088**	**0.12**	<0.01	0.0024	**0.21**		0.0031	**0.0079**	<0.01	
MKTF-20	11/29/18	8270C		<0.01	<0.01	0.026	<0.01	**0.012**	<0.01	<0.01	<0.01				<0.05	0.24	<0.01	0.011	0.0063	0.0098	0.016	**0.031**	<0.02	<0.01	**0.028**		<0.01
	08/31/18	8270C		<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.016	<0.01	<0.01	<0.01	<0.01	<0.01
	05/11/18	8270C		<0.1	<0.1	0.16	<0.1	<0.1	<0.1	<0.1	<0.1				<0.1	0.24	<0.1	<0.1	<0.1	<0.1	0.054	**0.15**	<0.2	<0.1	**0.073**		<0.1
	02/15/18	8270C		<0.05	<0.05	0.071	<0.05	<0.05	<0.05	<0.05	<0.05				<0.05	0.04	<0.05	**0.065**	**0.077**	0.027	<0.05	**0.31**	<0.1	<0.05	**0.23**		<0.05
	11/29/17	8270C		<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05				<0.05	0.044	<0.05	**0.059**	**0.061**	0.028	<0.05	**0.2**	<0.1	<0.05	**0.085**		<0.05
	09/26/17	8270C		<0.01	<0.01	0.025	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	0.066	<0.01	**0.037**	**0.041**	0.075	0.022	**0.16**	<0.02	<0.01	**0.078**		<0.01
	06/12/17	8270C		<0.05	<0.05	<0.1	<0.05	**0.025**	<0.05	<0.05	<0.05				<0.05	0.11	<0.05	**0.038**	**0.037**	0.13	0.13	**0.18**	<0.1	<0.05	**0.073**		<0.05
	03/14/17	8270C		<0.05	<0.05	0.067	<0.05	**0.036**	<0.05	<0.05	0.018				<0.05	0.34	<0.05	**0.029**	0.028	0.34	0.19	**0.072**	<0.1	<0.05	**0.31**		<0.05
MKTF-21	11/29/18	8270C		<0.01		<0.02		**0.047**	<0.01	<0.01	<0.01				<0.01	0.027	<0.01	**0.012**	<0.01	<0.01	<0.01	0.0077	<0.2	<0.1	**0.21**		
	08/31/18	8270C		<0.02		0.013		<0.02	<0.02	<0.02	<0.02				<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.016	<0.2	<0.04	<0.02	<0.02		
	05/11/18	8270C		<0.1		0.16		<0.1	<0.1	<0.1	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.071	<0.1	<0.2	<0.1	<0.1		
	02/15/18	8270C		<0.05		0.048		**0.11**	<0.05	<0.05	<0.05				<0.05	0.017	<0.05	<0.05	0.026	<0.05	<0.05	**0.04**	<0.1	<0.05	**0.035**		
	11/28/17	8270C		<0.1		0.07		<0.1	<0.1	<0.1	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.047**	<0.2	<0.1	**0.12**		
	09/26/17	8270C		<0.01		0.012		<0.01	<0.01	<0.01	<0.01				<0.01	0.015	<0.01	0.0071	<0.01	0.0093	<0.01	0.017	<0.02	<0.01	**0.031**		
	06/21/17	8270C		<0.01		<0.02		0.0052	<0.01	<0.01	<0.1				<0.01	0.038	<0.01	0.008	0.0049	0.021	0.15	0.028	<0.02	<0.01	**0.06**		
	03/14/17	8270c		<0.05		0.033		**0.035**	<0.05	<0.05	0.017				<0.05	0.021	<0.05	<0.05	<0.05	<0.05	0.03	0.02	<0.1	<0.05	**0.036**		
MKTF-22	11/28/18	8270C	<0.01	<0.01		0.025		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	**0.032**	<0.01	<0.01	<0.01	0.012		<0.01	**0.023**		
	08/30/18	8270C	<0.01	<0.01		0.016		<0.01		<0.01	<0.01				<0.01	0.0069	<0.01	**0.036**	<0.01	<0.01	<0.01	0.012		<0.01	**0.019**		
	05/10/18	8270C	<0.01	<0.01		0.017		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	**0.033**	<0.01	<0.01	<0.01	0.012		<0.01	**0.017**		
	02/08/18	8270C	<0.01	<0.01		0.017		<0.01		<0.01	<0.01				<0.01	<0.01	0.005	**0.053**	<0.01	<0.01	<0.01	0.018		<0.01	**0.024**		
	11/28/17	8270C	<0.01	<0.01		0.015		**0.1**		<0.01	<0.01				<0.01	<0.01	0.0053	**0.058**	<0.01	<0.01	<0.01	0.022		<0.01	**0.022**		
	10/03/17	8270C	<0.01	<0.01		0.015		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	**0.075**	<0.01	<0.01	<0.01	0.028		<0.01	**0.014**		
	06/08/17	8270C	<0.01	<0.01		0.014		0.0055		<0.01	0.0052				<0.01	<0.01	<0.01	**0.047**	<0.01	<0.01	<0.01	0.027		<0.01	**0.02**		
	03/08/17	8270C	<0.01	<0.01		0.011		**0.0068**		0.0046	0.0035				<0.01	<0.01	0.003	**0.044**	0.0086	<0.01	0.0025	**0.031**		<0.01	**0.0095**		
MKTF-23	06/10/16	8270C		<0.05		<0.1		<0.05		<0.05	0.03					<0.05	**0.38**	**7.8**	**5.6**	<0.05	<0.05	**2.3**		**0.72**	<0.05		
	02/25/16	8270C		<0.01		<0.02		<0.01		<0.01						0.11	0.011	**0.22**	**0.23**	0.037	0.024	**0.23**		0.029	**0.017**		
	11/09/15	8270C		<0.01		<0.02		<0.01		<0.01						0.065	0.013	**0.17**	**0.21**	0.06	0.054	**0.23**		0.022	**0.036**		
	08/21/15	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	**0.14**	**0.19**	0.061	0.047	**0.27**		0.016	<0.01		
	06/09/15	8270C		<0.01		<0.02		<0.01		<0.01						0.12	<0.01	**0.11**	**0.14**	0.071	0.064	**0.2**		<0.01	**0.034**		
	03/12/15	8270C		<0.01		<0.02		<0.01		<0.01						0.094	<0.01	**0.079**	**0.082**	0.042	0.063	**0.15**		<0.01	**0.021**		
	11/17/14	8270C		<0.01		<0.02		**0.014**		<0.01						0.031	<0.01	**0.084**	**0.092**	0.058	0.053	**0.13**		<0.01	**0.027**		
	09/23/14	8270C		<0.01		<0.02		<0.01		<0.01						0.027	<0.01	**0.075**	**0.079**	0.034	0.025	**0.13**		<0.01	**0.022**		
MKTF-24	11/15/18	8270C		<0.01		0.019		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	08/20/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/01/18	8270C		<0.01		0.034		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/06/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.0074		<0.01	**0.0062**		
	11/20/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	0.009	<0.01	<0.01	<0.01	0.0058		<0.01	**0.0032**		
	10/03/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	**0.01**		
	06/05/17	8270C		<0.01		0.01		0.006	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	0.0063	<0.01	<0.01	<0.01	0.0072		<0.01	0.0036		
	03/29/17	8270C		<0.01		<0.02		**0.0076**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	0.0047		

Table 2
Groundwater Analyses Summary

STANDARDS			Acenaphthene (mg/L)	Aniline (mg/L)	Benz(a) anthracene (mg/L)	Benzoic Acid (mg/L)	Benzyl alcohol (mg/L)	Bis(2-ethylhexyl) phthalate (mg/L)	Butyl benzyl phthalate (mg/L)	Carbazole (mg/L)	Di-n-octyl phthalate (mg/L)	Dibenzo furan (mg/L)	1,4-Dichlorobenzene (mg/L)	Diethyl phthalate (mg/L)	Dimethyl phthalate (mg/L)	2,4-Dimethyl phenol (mg/L)	Fluorene (mg/L)	1-Methyl naphthalene (mg/L)	2-Methyl naphthalene (mg/L)	2-Methyl phenol (mg/L)	3+4-Methyl phenol (mg/L)	Naphthalene (mg/L)	Pentachloro phenol (mg/L)	Phenanthrene (mg/L)	Phenol (mg/L)	Pyrene (mg/L)	Pyridine (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**0.03**	**0.001**	NE	**0.005**	NE	NE
40 CFR 141.61 MCL			NE	NE	NE	NE	NE	**0.006**	NE	NE	NE	NE	**0.075**	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.001	NE	NE	NE	NE
NMED Tap Water (MAR 2019)			**0.535**	NE	**0.00012**	NE	NE	0.0556	NE	NE	NE	NE	0.00482	**14.8**	**0.612**	**0.354**	**0.288**	**0.0114**	**0.035**	NE	NE	NE	0.00165	0.0004	**0.17**	5.76	**0.117**	NE
EPA RSL for Tap Water (NOV 2018)			0.53	**0.013**	0.00003	**75**	**2**	0.0056	**0.0016**	NE	**0.2**	**0.0079**	0.00048	15	NE	0.36	0.29	0.0011	0.036	**0.93**	**0.93**	0.00017	0.000041	NE	5.8	0.12	**0.02**
WELL ID	**DATE SAMPLED**	**METHOD**																									
MTKF-25	11/15/18	8270C		<0.01		0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0045		<0.01	0.0044		
	08/17/18	8270C		<0.01		0.0099		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	**0.023**		
	05/06/18	8270C		<0.01		0.021		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/05/18	8270C		<0.01		0.018		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	0.0085	<0.01	<0.01	<0.01	0.0053			<0.01	**0.0068**		
	11/21/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	0.0047				<0.01	<0.01	<0.01	0.0059	<0.01	<0.01	<0.01	0.0045			<0.01	0.0044		
	09/25/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	0.0075	<0.01	<0.01	<0.01	0.007			<0.01	**0.012**		
	06/05/17	8270C		<0.01		0.0083		0.005	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	**0.0076**		
	03/29/17	8270C		<0.01		0.008		**0.0061**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	0.0035	<0.01	<0.01	<0.01	<0.01			<0.01	**0.0053**		
MKTF-26	06/09/16	8270C		<0.01		<0.02		0.0039		<0.01	0.0052				0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	02/22/16	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	11/04/15	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	08/20/15	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01			<0.01	**0.018**		
	06/10/15	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01			<0.01	**0.014**		
	03/11/15	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	**0.014**		
	11/14/14	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01			<0.01	<0.01		
	09/24/14	8270C		<0.01		<0.02		<0.01		<0.01						<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01			<0.01	**0.013**		
	04/08/14	8270C		<0.012		<0.023		<0.012		<0.012						<0.012	<0.012	<0.012	<0.012	<0.023	<0.012	<0.012			<0.012	<0.012		
MKTF-27	11/15/18	8270C		<0.01	<0.01	0.01		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
	08/20/18	8270C		<0.01	<0.01	0.008		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
	05/01/18	8270C		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
	02/06/18	8270C		<0.01	**0.0046**	0.0058		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	0.0046	
	11/20/17	8270C		<0.01	<0.01	0.01		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
	10/03/17	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
	06/05/17	8270c		<0.01	<0.01	0.0068		0.0053	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
	03/29/17	8270C		<0.01	<0.01	0.0064		**0.0063**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
MKTF-28	11/15/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	08/20/18	8270C		<0.01		0.0079		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	05/01/18	8270C		<0.01		0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	02/06/18	8270C		<0.01		0.0064		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	11/20/17	8270C		<0.01		0.0052		**0.012**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	10/03/17	8270C		<0.01		0.0067		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	06/05/17	8270C		<0.01		0.007		0.0054	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	03/29/17	8270C		<0.01		0.0065		**0.0066**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
MKTF-29	11/15/18	8270C		<0.01	<0.01	<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	08/20/18	8270C		<0.01	<0.01	0.0084		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	05/01/18	8270C		<0.01	<0.01	<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	02/06/18	8270C		<0.01	<0.01	0.0062		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	11/20/17	8270C		<0.01	<0.01	0.0068		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	10/03/17	8270C		<0.01	<0.01	0.0087		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	06/05/17	8270C		<0.01	<0.01	0.011		0.0055		<0.01	0.0056				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	03/29/17	8270C		<0.01	<0.01	0.0062		**0.0061**		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
MKTF-30	11/15/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	08/20/18	8270C		<0.01		0.0083		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	05/01/18	8270C		<0.01		0.015		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	02/06/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	11/20/17	8270C		<0.01		0.0079		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	10/03/17	8270C		<0.01		0.0085		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	06/05/17	8270C		<0.01		0.0066		0.013	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	03/29/17	8270C		<0.01		0.0063		**0.0061**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
MKTF-31	11/15/18	8270C		<1.0		<2.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	<1.0		
	08/17/18	8270C		<0.01		0.0065	<0.01	<0.01	<0.01	<0.01	<0.01			0.0068	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	05/06/18	8270C		<0.01		0.012	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	02/05/18	8270C		<0.01		0.0086	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	11/21/17	8270C		<0.01		0.0062	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	09/25/17	8270C		<0.01		<0.02	<0.01	0.0055	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	06/05/17	8270C		<0.01		0.0069	<0.01	**0.0075**	<0.01	<0.01	0.0047				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	03/07/17	8270C		<0.01		0.0068	<0.01	**0.0072**	<0.01	<0.01	0.0035				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
MKTF-32	11/15/18	8270C		<0.01		0.017		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	08/28/18	8270C		<0.01		0.0084		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	05/09/18	8270C		<0.01		0.028		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	02/07/18	87270C		<0.01		0.0085		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		
	11/27/17	8270C		<0.01		0.0053		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		

Table 2
Groundwater Analyses Summary

STANDARDS			Acenaphthene (mg/L)	Aniline (mg/L)	Benz(a) anthracene (mg/L)	Benzoic Acid (mg/L)	Benzyl alcohol (mg/L)	Bis(2-ethylhexyl) phthalate (mg/L)	Butyl benzyl phthalate (mg/L)	Carbazole (mg/L)	Di-n-octyl phthalate (mg/L)	Dibenzo furan (mg/L)	1,4-Dichlorobenzene (mg/L)	Diethyl phthalate (mg/L)	Dimethyl phthalate (mg/L)	2,4-Dimethyl phenol (mg/L)	Fluorene (mg/L)	1-Methyl naphthalene (mg/L)	2-Methyl naphthalene (mg/L)	2-Methyl phenol (mg/L)	3+4-Methyl phenol (mg/L)	Naphthalene (mg/L)	Pentachloro phenol (mg/L)	Phenanthrene (mg/L)	Phenol (mg/L)	Pyrene (mg/L)	Pyridine (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**0.03**	**0.001**	NE	**0.005**	NE	NE
40 CFR 141.61 MCL			NE	NE	NE	NE	NE	**0.006**	NE	NE	NE	NE	**0.075**	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.001	NE	NE	NE	NE
NMED Tap Water (MAR 2019)			**0.535**	NE	**0.00012**	NE	NE	0.0556	NE	NE	NE	NE	0.00482	**14.8**	**0.612**	**0.354**	**0.288**	**0.0114**	**0.035**	NE	NE	NE	0.00165	0.0004	**0.17**	5.76	**0.117**	NE
EPA RSL for Tap Water (NOV 2018)			0.53	**0.013**	0.00003	**75**	**2**	0.0056	**0.0016**	NE	**0.2**	**0.0079**	0.00048	15	NE	0.36	0.29	0.0011	0.036	**0.93**	**0.93**	0.00017	0.000041	NE	5.8	0.12	**0.02**
WELL ID	**DATE SAMPLED**	**METHOD**																									
	09/25/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/06/17	8270C		<0.01		0.0081		0.0054	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/07/17	8270C		<0.01		0.026		**0.0077**	<0.01	<0.01	0.0004				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-33	11/28/18	8270C		<0.1		<0.2		<0.1	<0.01	<0.1	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1		
	08/30/18	8270C		<0.01		0.0069		**0.014**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/10/18	8270C		<0.01		0.011		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/08/18	8270C		<0.01		0.0072		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/28/17	8270C		<0.01		0.0045		0.005	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/25/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/08/17	8270C		<0.01		0.0068		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/08/17	8270C		<0.01		0.0077		**0.0083**	<0.01	<0.01	0.0037				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-34	11/28/18	8270C		<0.1		<0.2		<0.1		<0.1	<0.1					<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1		
	08/24/18	8270C		<0.01		0.0071		<0.01		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/04/18	8270C		<0.01		0.011		<0.01		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/16/18	8270C		<0.01		0.0089		<0.01		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	12/01/17	8270C		<0.01		0.0065		<0.01		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/26/17	8270C		<0.01		0.006		**0.21**		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0048		<0.01	<0.01		
	06/14/17	8270C		<0.01		0.009		0.0049		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/01/17	8270C		<0.01		<0.02		**0.0078**		<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-35	11/28/18	8270C		<0.01		0.018		<0.01	<0.01	<0.01	<0.01		<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	08/23/18	8270C		<0.01		0.0071		<0.01	<0.01	<0.01	<0.01		<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/03/18	8270C		<0.01		0.014		<0.01	<0.01	<0.01	<0.01		<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/15/18	8270C		<0.01		0.008		**0.0067**	<0.01	<0.01	<0.01		0.0031			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/30/17	8270C		<0.01		0.0083		**0.011**	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/27/17	8270C		<0.01		0.0075		0.0057	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/14/17	8270c		<0.01		0.013		<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/01/17	8270C		<0.01		<0.02		**0.0076**	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-36	09/05/18	8270C	0.011	<0.01		<0.02		<0.01	<0.01	0.0089	<0.01	<0.01				0.0092	0.014	**0.27**	**0.41**	<0.01	<0.01	**0.42**		0.01	**0.048**		
	05/03/18	8270C	0.0078	<0.01		<0.02		<0.01	<0.01	0.0074	<0.01	<0.01				<0.01	0.01	**0.19**	**0.32**	<0.01	<0.01	**0.33**		0.0063	**0.048**		
	02/15/18	8270c	0.0097	<0.01		<0.02		0.0052	<0.01	0.0083	<0.01	0.0045				<0.01	0.014	**0.31**	**0.45**	<0.01	<0.01	**0.44**		0.0086	**0.067**		
	11/30/17	8270C	<0.1	<0.1		<0.2		<0.1	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1	**0.29**	**0.44**	<0.1	<0.1	**0.42**		<0.1	**0.062**		
	09/27/17	8270C	<0.1	<0.1		0.064		**0.21**	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1	**0.27**	**0.44**	<0.1	<0.1	**0.36**		<0.1	<0.1		
	06/14/17	8270C	0.0099	<0.01		<0.02		<0.01	<0.01	0.0099	<0.1	0.0048				<0.01	0.012	**0.35**	**0.54**	<0.01	<0.01	**0.52**		0.0087	**0.08**		
	03/01/17	8270C	0.0067	<0.01		<0.02		**0.0072**	<0.01	0.0064	<0.01					<0.01	0.0086	**0.19**	**0.32**	<0.01	<0.01	**0.28**		0.0057	**0.029**		
MKTF-37	08/23/18	8270C		<0.01		0.016		<0.01		<0.01	<0.01		0.0062			<0.01	<0.01	**0.068**	**0.084**	<0.01	<0.01	**0.28**		<0.01	**0.018**		
	05/03/18	8270C		<0.01		<0.02		<0.01		<0.01	<0.01		0.007			<0.01	<0.01	**0.088**	**0.1**	<0.01	<0.01	**0.28**		<0.01	**0.023**		
	03/01/17	8270C		<0.01		<0.02		**0.02**		<0.01	<0.01		<0.01			<0.01	<0.01	**0.42**	**0.69**	<0.01	<0.01	**0.89**		<0.01	<0.01		
MKTF-38	11/20/18	8270C		<0.1		<0.2		<0.1	<0.1	<0.1	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1		
	08/21/18	8270C		<0.01		0.0086		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/03/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/12/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/30/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/28/17	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				0.0062	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/21/17	8270C		<0.01		0.0066		<0.01	<0.01	<0.01	0.0048				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/14/17	8270C		<0.01		0.0075		**0.0074**	<0.01	<0.01	0.0035				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-39	11/20/18	8270C	<0.01	<0.01		<0.02		<0.01		0.0089	<0.01	<0.01				<0.01	<0.01	<0.01	**0.039**	0.013	<0.01	<0.01	0.02		<0.01	<0.01	<0.01	
	08/21/18	8270C	<0.01	<0.01		<0.02		<0.01		0.01	<0.01	<0.01				<0.01	<0.01	0.0099	**0.12**	**0.053**	<0.01	<0.01	**0.057**		0.0096	<0.01	<0.01	
	05/06/18	8270C	<0.01	<0.01		<0.01		<0.01		0.014	<0.01	**0.0083**				<0.01	<0.01	0.021	**0.16**	**0.061**	<0.01	<0.01	**0.058**		0.024	<0.01	<0.01	
	02/08/18	8270C	<0.01	<0.01		0.015		<0.01		0.0068	<0.01	<0.01				<0.01	<0.01	0.0077	**0.081**	0.034	<0.01	<0.01	**0.038**		0.0064	<0.01	<0.01	
	11/28/17	8270C	<0.1	<0.1		0.06		<0.1		<0.1	<0.1	<0.1				<0.1	<0.1	<0.1	**0.12**	**0.052**	<0.1	<0.1	**0.064**		<0.1	<0.1	<0.1	
	09/28/17	8270C	<0.1	<0.1		0.069		<0.1		<0.1	<0.1	<0.1				0.051	<0.1	<0.1	**0.17**	**0.048**	<0.1	<0.1	**0.051**		<0.1	<0.1	<0.1	
	06/08/17	8270C	<0.05	<0.05		<0.1		<0.05		<0.05	<0.05	<0.05				<0.05	<0.05	0.041	**0.36**	**0.11**	<0.05	<0.05	**0.098**		0.074	<0.05	<0.05	
	03/14/17	8270C	<0.01	<0.01		<0.02		**0.0072**		0.016	0.0035	<0.01				<0.01	<0.01	0.01	**0.13**	**0.059**	<0.01	<0.01	**0.065**		0.014	<0.01	0.004	
MKTF-40	11/15/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	08/17/18	8270C		<0.01		0.0068		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/06/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/05/18	8270C		<0.01		0.0046		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/21/17	8270C		<0.01		0.0065		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/25/17	8270C		<0.01		0.0069		**0.026**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/05/17	8270C		<0.01		0.0085		**0.0082**	<0.01	<0.01	0.0053				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/07/17	8270C		<0.01		0.01		**0.0076**	<0.01	<0.01	0.0036				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/15/18	8270C		<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		

Table 2
Groundwater Analyses Summary

STANDARDS			Acenaphthene (mg/L)	Aniline (mg/L)	Benz(a) anthracene (mg/L)	Benzoic Acid (mg/L)	Benzyl alcohol (mg/L)	Bis(2-ethylhexyl) phthalate (mg/L)	Butyl benzyl phthalate (mg/L)	Carbazole (mg/L)	Di-n-octyl phthalate (mg/L)	Dibenzo furan (mg/L)	1,4-Dichlorobenzene (mg/L)	Diethyl phthalate (mg/L)	Dimethyl phthalate (mg/L)	2,4-Dimethyl phenol (mg/L)	Fluorene (mg/L)	1-Methyl naphthalene (mg/L)	2-Methyl naphthalene (mg/L)	2-Methyl phenol (mg/L)	3+4-Methyl phenol (mg/L)	Naphthalene (mg/L)	Pentachloro phenol (mg/L)	Phenanthrene (mg/L)	Phenol (mg/L)	Pyrene (mg/L)	Pyridine (mg/L)
WQCC 20 NMAC 6.2.3103 (DEC 2018)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**0.03**	**0.001**	NE	**0.005**	NE	NE
40 CFR 141.61 MCL			NE	NE	NE	NE	NE	**0.006**	NE	NE	NE	NE	**0.075**	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.001	NE	NE	NE	NE
NMED Tap Water (MAR 2019)			**0.535**	NE	**0.00012**	NE	NE	0.0556	NE	NE	NE	NE	0.00482	**14.8**	**0.612**	**0.354**	**0.288**	**0.0114**	**0.035**	NE	NE	NE	0.00165	0.0004	**0.17**	5.76	**0.117**	NE
EPA RSL for Tap Water (NOV 2018)			0.53	**0.013**	0.00003	**75**	**2**	0.0056	**0.0016**	NE	**0.2**	**0.0079**	0.00048	15	NE	0.36	0.29	0.0011	0.036	**0.93**	**0.93**	0.00017	0.000041	NE	5.8	0.12	**0.02**
WELL ID	**DATE SAMPLED**	**METHOD**																									
MKTF-41	08/29/18	8270C		<0.01		0.0066		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/09/18	8270C		<0.01		0.016		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/07/18	8270C		<0.01		0.0095		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/27/17	8270C		<0.01		0.0047		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/25/17	8270C		<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/06/17	8270C		<0.01		0.0088		**0.0063**		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/07/17	8270C		<0.01		0.0082		**0.0077**		<0.01	0.0042				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-42	11/15/18	8270C		<0.05		0.11		<0.05		<0.05	<0.05				<0.05	<0.05	<0.05	**0.29**	**0.13**	<0.05	<0.05	**0.16**		<0.05	<0.05		
	08/29/18	8270c		<0.1		0.094		<0.1		<0.1	<0.1				<0.1	<0.1	<0.1	**0.2**	**0.3**	<01	<0.1	<0.1		<0.1	<0.1		
	05/09/18	8270C		<0.05		0.069		<0.05		<0.05	<0.05				<0.05	<0.05	<0.05	**0.34**	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05		
	02/07/18	8270C		<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/27/17	8270C		<0.05		0.052		<0.05		<0.05	0.025				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.034**		<0.05	<0.05		
	09/25/17	8270C		<0.2		<0.4		<0.2		<0.2	<0.2				<0.2	<0.2	<0.2	**0.27**	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2		
	06/06/17	8270C		<0.01		<0.02		<0.01		<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	0.0052	<0.01	<0.01	0.012		<0.01	<0.01		
	03/07/17	8270C		<0.01		<0.02		**0.0096**		<0.01	0.0044				0.022	<0.01	<0.01	**0.15**	<0.010	<0.01	<0.01	0.014		<0.01	<0.01		
MKTF-43	11/15/18	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	08/30/18	8270C		<0.01	<0.01	0.0064		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/09/18	8270C		<0.01	<0.01	0.01		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/07/18	8270C		<0.01	**0.0041**	0.0072		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/27/17	8270C		<0.01	<0.01	0.0086		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/25/17	8270C		<0.01	<0.01	<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/06/17	8270C		<0.01	<0.01	0.011		**0.0091**	<0.01	<0.01	0.005				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/08/17	8270C		<0.01	<0.01	0.0063		**0.0071**	<0.01	<0.01	0.0034				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
MKTF-44	11/28/18	8270C		<0.05		<0.1		<0.05	<0.05	<0.05	<0.05				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05		
	08/30/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	05/10/18	8270C		<0.01		<0.02		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	02/08/18	8270C		<0.01		0.012		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	11/28/17	8270C		<0.01		0.011		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	09/25/17	8270C		<0.01		<0.02		**0.024**	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	06/05/17	8270C		<0.01		0.007		**0.0067**	<0.01	<0.01	0.0047				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		
	03/08/17	8270C		<0.01		0.0062		**0.008**	<0.01	<0.01	0.0036				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		

DEFINITIONS
NE = Not established
NA = Not analyzed
Bold and highlighted values represent values above the applicable standards
STANDARDS
WQCC 20 NMAC 6.2.3103 - Standards for Ground Water of 10,000 mg/l TDS Concentration or Less.
a) Human Health Standards; b) Other Standards for Domestic Water
40 CFR 141.61 Maximum Contaminant Levels for Organic Contaminants
NMED Risk Assessment Guidance for Investigations and Remediations Table A-1
EPA Regional Screening Level (RSL) Summary Table

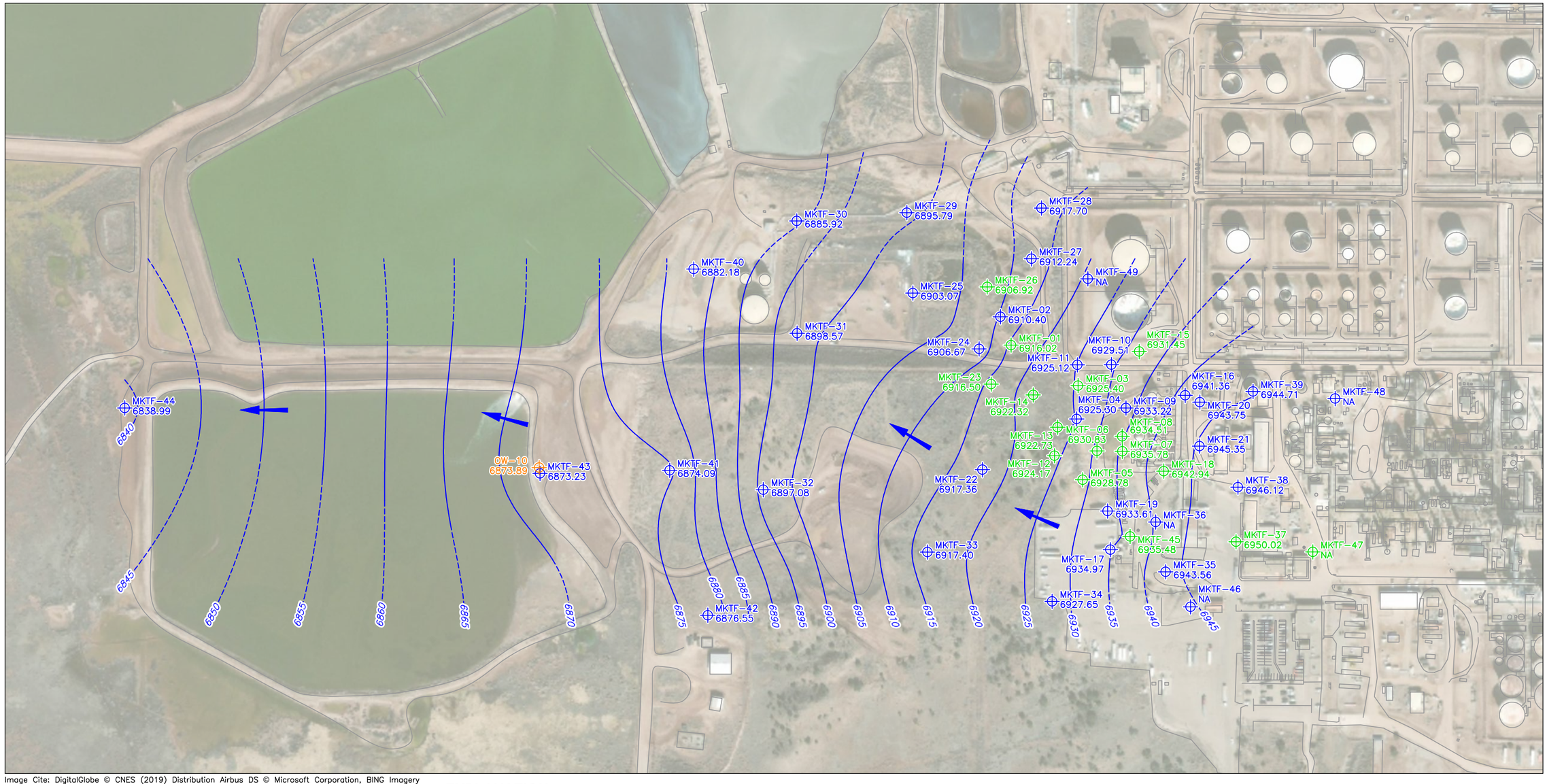
Table 3
Marketing Tanks Records

TANK NUMBER	TYPE OF TANK	YEAR BUILT	ROOF TYPE	ACTUAL CAPACITY	TANK DIAMETER	TANK HEIGHT/ LENGTH	PRODUCT
MKT-TK-01	VERT. STEEL	1965	CFRT	3000 bbl	30'-0"	24'-0"	ULSD
MKT-TK-02	VERT. STEEL	1965	IFRT	4000 bbl	30'-0"	32'-0"	83 OCTANE
MKT-TK-03	VERT. STEEL	1965	IFRT	4000 bbl	30'-0"	32'-0"	89 OCTANE
MKT-TK-04	VERT. STEEL	1970	IFRT	3800 bbl	30'-0"	32'-0"	83 OCTANE
MKT-TK-05	VERT. STEEL	1963	CFRT	1800 bbl	25'-0"	28'-0"	ETHANOL
MKT-TK-06	VERT. STEEL	1963	IFRT	1800 bbl	21'-6"	28'-0"	ETHANOL
MKT-TK-07	VERT. STEEL	2011	IFRT	91392 gal	24'-0"	32'-0"	NEW-OUT OF SERVICE
MKT-TK-08	VERT. STEEL	2011	IFRT	91392 gal	24'-0"	32'-0"	ULSD SALES
TK-1001	HORIZONTAL	unknown	FLATHEAD	3,000 gal	5'-4"	18'-0"	DIESEL
TK-1002	HORIZONTAL	unknown	FLATHEAD	3,000 gal	5'-4"	18'-0"	GASOLINE
TK-912	HORIZONTAL	unknown	FLATHEAD	8,000 gal	8'-0"	21'-0"	OUT OF SERVICE
TK-913	HORIZONTAL	unknown	FLATHEAD	8,000 gal	10'-0"	15'-0"	OUT OF SERVICE

CFRT - closed floating roof tank
IFRT -internal floating roof tank
ULSD - ultra low sulfur diesel
bbl - barrel
gal - gallon

Figures

Figure 1	Site Location Map
Figure 2	AOC 35 Map
Figure 3a	Potentiometric Surface Map (Third Quarter 2019)
Figure 3b	Potentiometric Surface Map (First Quarter 2020)
Figure 4a	Benzene Concentration Map (Third Quarter 2019)
Figure 4b	Benzene Concentration Map (First Quarter 2020)
Figure 5a	MTBE Concentration Map (Third Quarter 2019)
Figure 5b	MTBE Concentration Map (First Quarter 2020)
Figure 6a	SPH Thickness Map (Third Quarter 2019)
Figure 6b	SPH Thickness Map (First Quarter 2020)
Figure 7	Proposed Sampling Locations



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EXPLANATION

MKTF-42 6876.55	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING GROUNDWATER ELEVATION IN FT AMSL)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
6510	LINE OF EQUAL GROUNDWATER ELEVATION IN FT AMSL, DASHED WHERE INFERRED (APPROXIMATE) UPPER WATER-BEARING ZONE
	GROUNDWATER FLOW DIRECTION
FT AMSL	FEET ABOVE MEAN SEA LEVEL
NA	NOT APPLICABLE
SPH	SINGLE-PHASE HYDROCARBON

N

0 300'

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FIGURE 3A

POTENTIOMETRIC SURFACE MAP (THIRD QUARTER 2019)

**AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/20/20	File: 697-GALLUPAOC35-PS-Q3_2019

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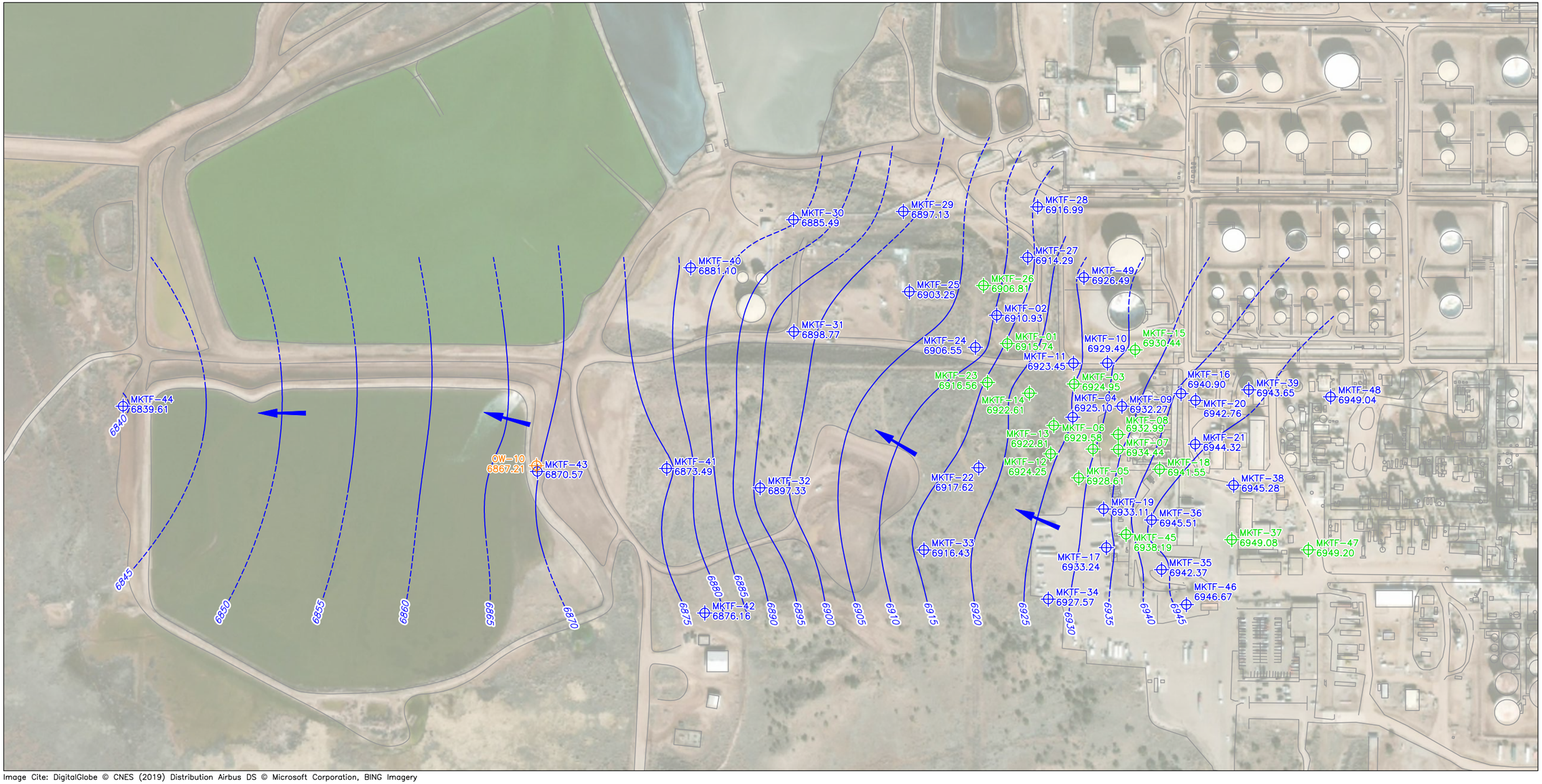

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EXPLANATION

MKTF-42 6876.16	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING GROUNDWATER ELEVATION IN FT AMSL)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
6510	LINE OF EQUAL GROUNDWATER ELEVATION IN FT AMSL, DASHED WHERE INFERRED (APPROXIMATE) UPPER WATER-BEARING ZONE
	GROUNDWATER FLOW DIRECTION
FT AMSL	FEET ABOVE MEAN SEA LEVEL
SPH	SINGLE-PHASE HYDROCARBON

N

0 300'

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FIGURE 3B

POTENTIOMETRIC SURFACE MAP (FIRST QUARTER 2020)

AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO

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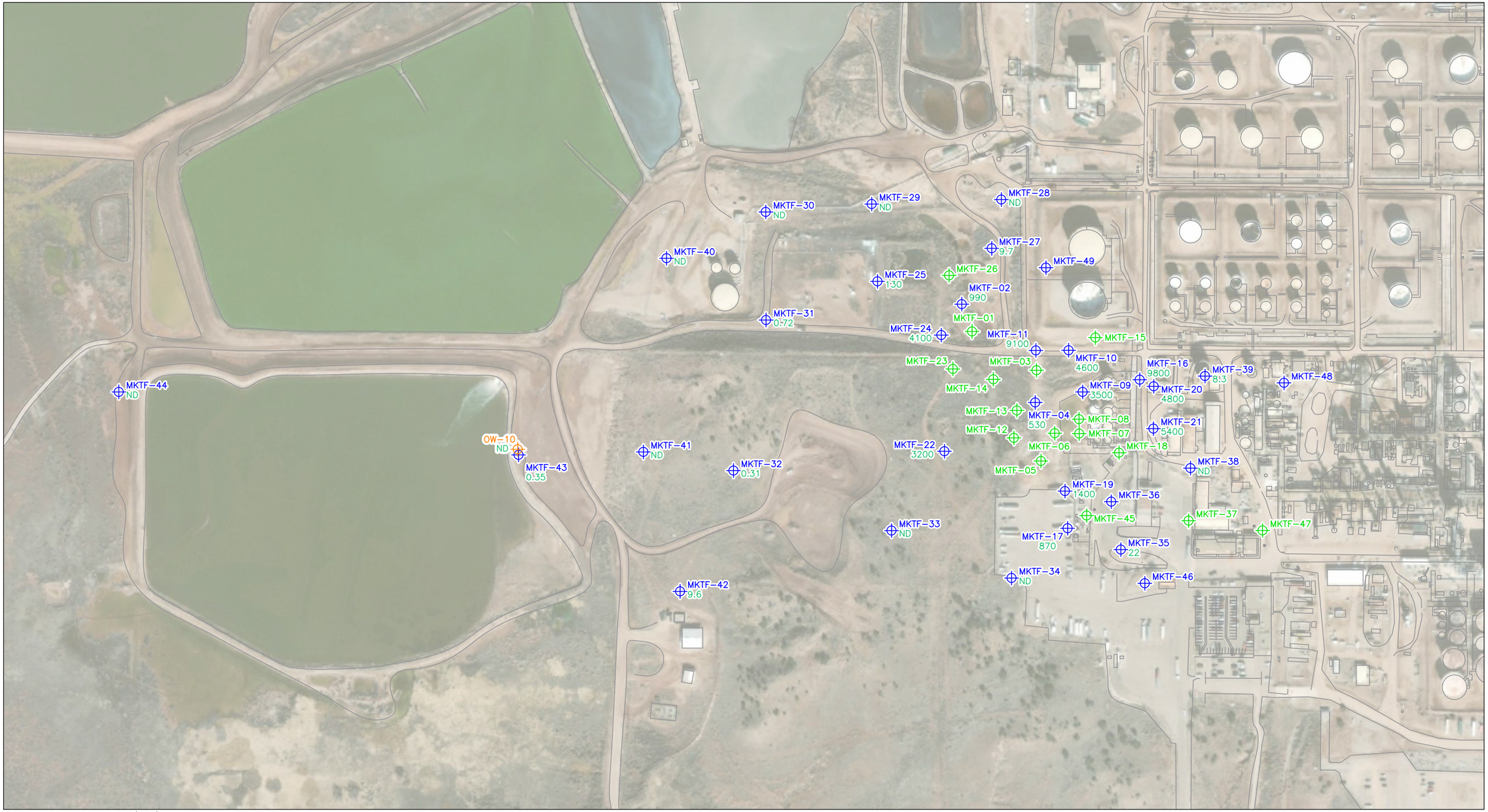

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EXPLANATION

MKTF-42 9.6	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING BENZENE CONCENTRATION IN mg/L)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
SPH	SINGLE-PHASE HYDROCARBON

NOTES:

1. ALL VALUES ARE IN MILLIGRAMS PER LITER (mg/L).
2. WELLS WITHOUT CONCENTRATIONS WERE NOT SAMPLED FOR BENZENE THIS REPORTING PERIOD.

N

0 300'

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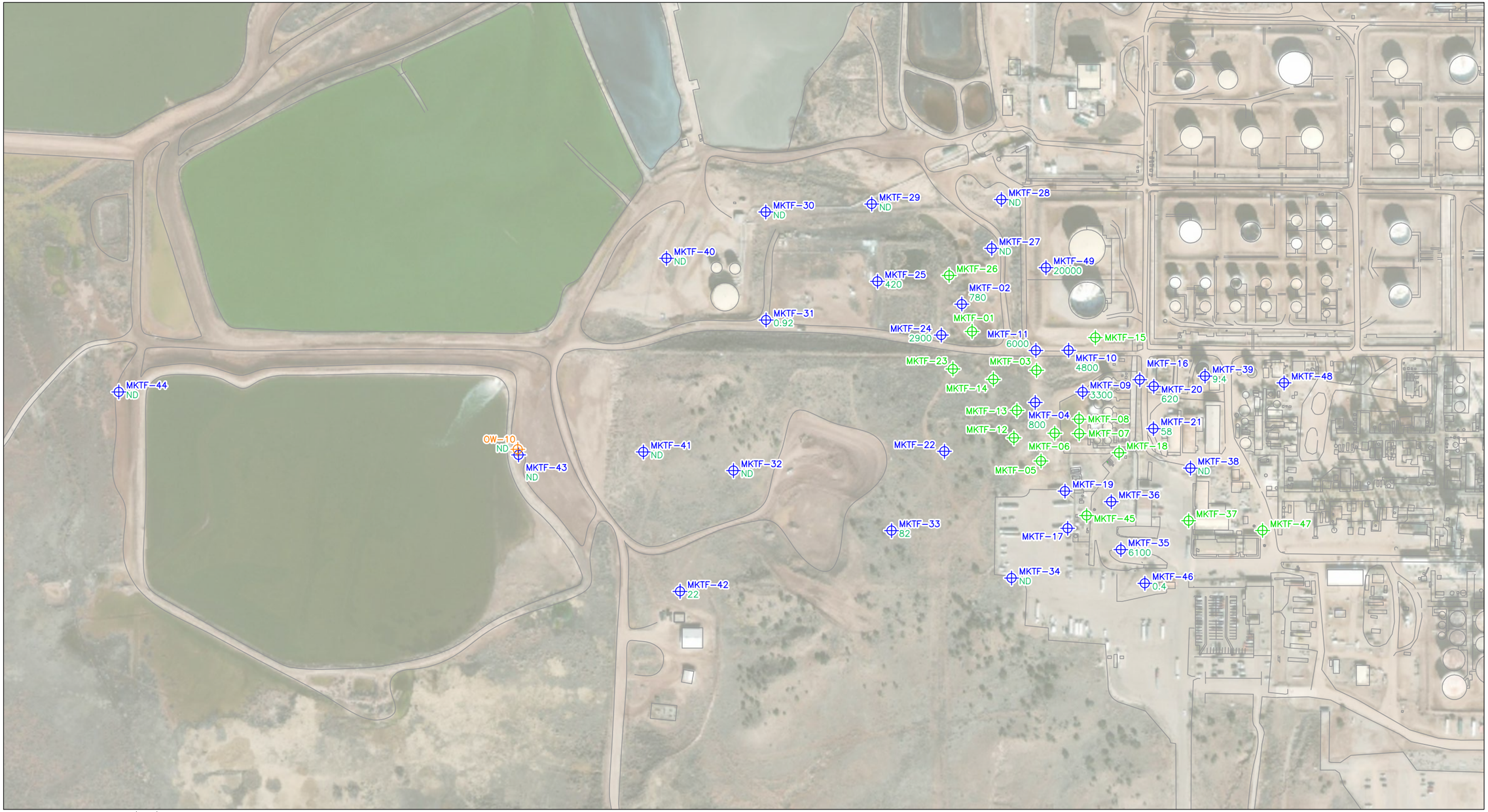
FIGURE 4A

BENZENE CONCENTRATION MAP (THIRD QUARTER 2019)

**AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/24/20	File: 697-GALLUPAOC35-BENZENEQ3-2019



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EXPLANATION

MKTF-42 / 22	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING BENZENE CONCENTRATION IN mg/L)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
SPH	SINGLE-PHASE HYDROCARBON

NOTES:

1. ALL VALUES ARE IN MILLIGRAMS PER LITER (mg/L).
2. WELLS WITHOUT CONCENTRATIONS WERE NOT SAMPLED FOR BENZENE THIS REPORTING PERIOD.

N

0 300'

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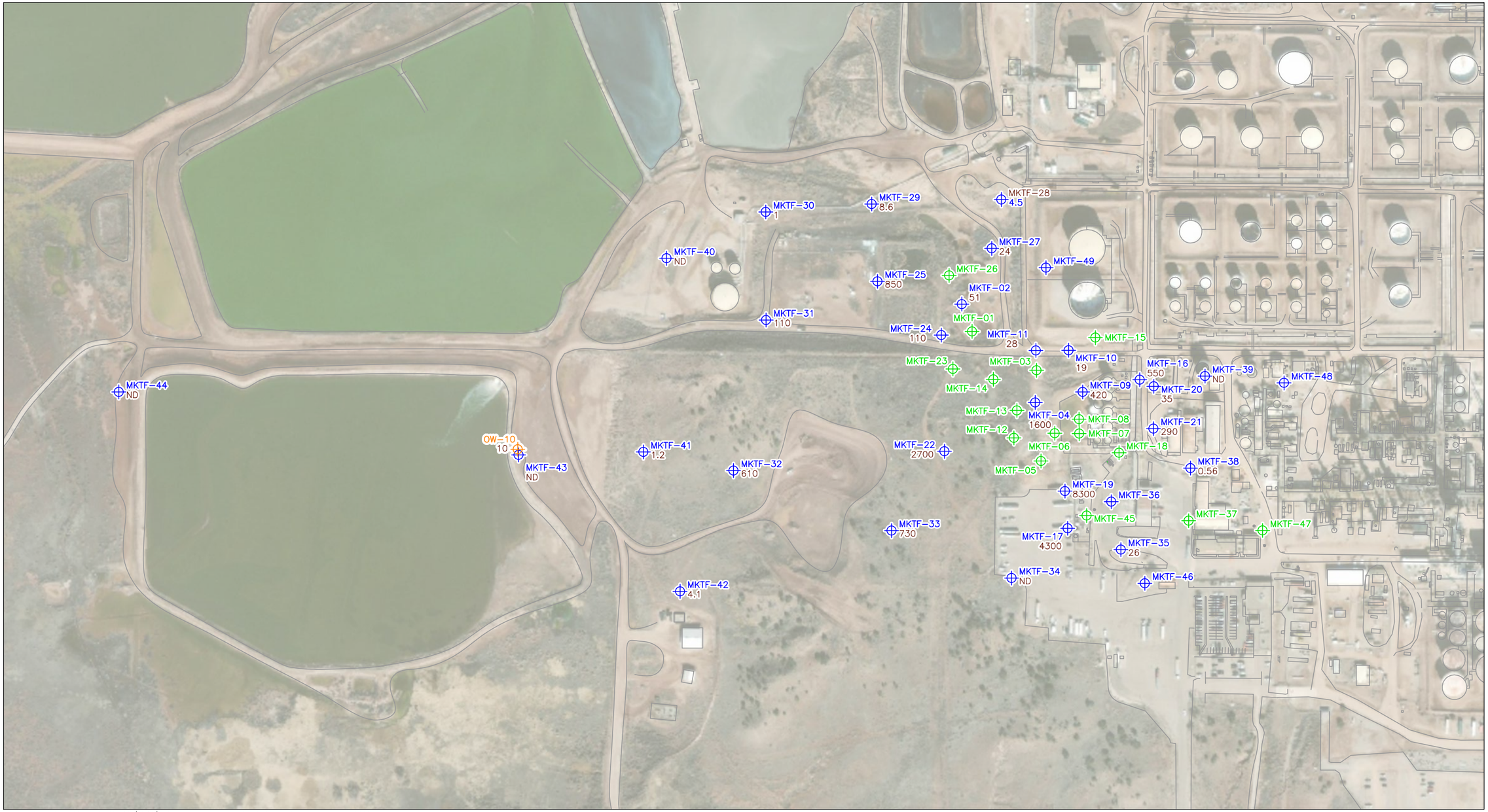
FIGURE 4B

BENZENE CONCENTRATION MAP (FIRST QUARTER 2020)

**AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/24/20	File: 697-GALLUPAOC35-BENZENEQ1-2020



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EXPLANATION

MKTF-42 4.1	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING MTBE CONCENTRATION IN mg/L)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
SPH	SINGLE-PHASE HYDROCARBON
MTBE	METHYL TERT BUTYL ETHER

N

0 300'

NOTES:

1. ALL VALUES ARE IN MILLIGRAMS PER LITER (mg/L).
2. WELLS WITHOUT CONCENTRATIONS WERE NOT SAMPLED FOR MTBE THIS REPORTING PERIOD.

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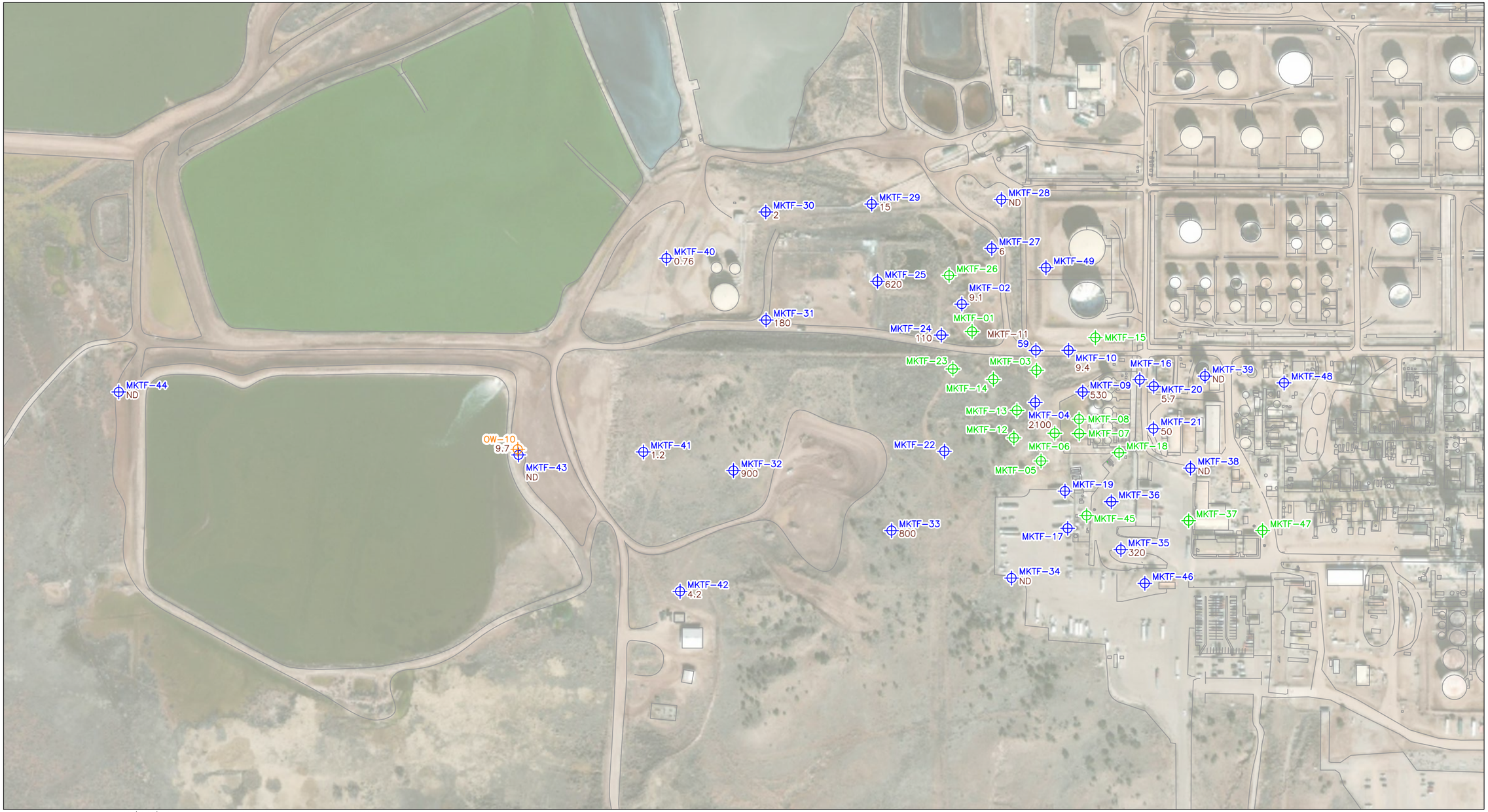
FIGURE 5A

MTBE CONCENTRATION MAP (THIRD QUARTER 2019)

**AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/25/20	File: 697-GALLUPAOC35-MTBE_Q3-2019



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EXPLANATION

MKTF-42 4.2	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING MTBE CONCENTRATION IN mg/L)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
SPH	SINGLE-PHASE HYDROCARBON
MTBE	METHYL TERT BUTYL ETHER

N

0 300'

NOTES:

1. ALL VALUES ARE IN MILLIGRAMS PER LITER (mg/L).
2. WELLS WITHOUT CONCENTRATIONS WERE NOT SAMPLED FOR MTBE THIS REPORTING PERIOD.

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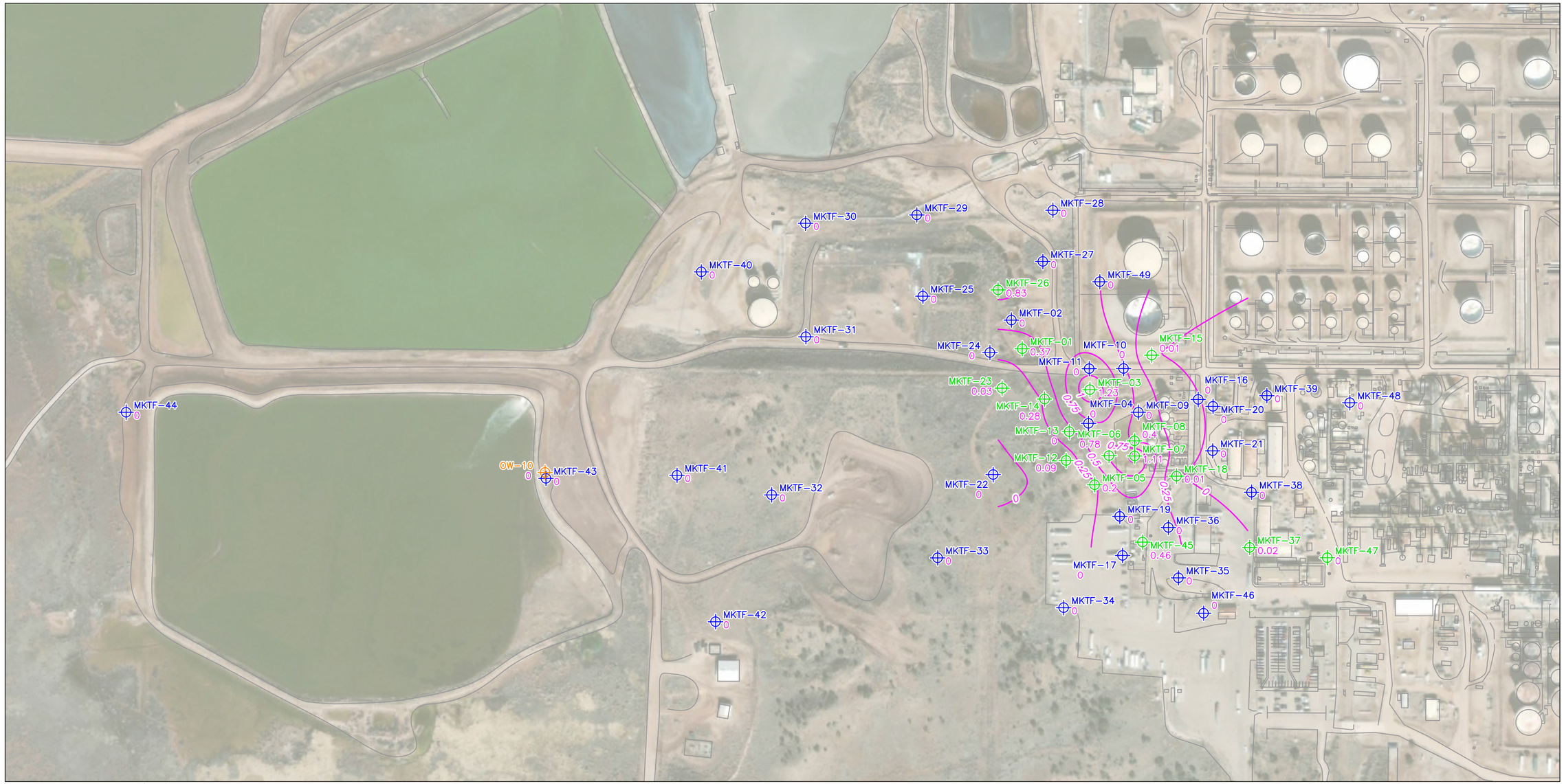
FIGURE 5B

MTBE CONCENTRATION MAP (FIRST QUARTER 2020)

**AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/25/20	File: 697-GALLUPAOC35-MTBE_Q1-2020



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EXPLANATION

MKTF-42 0	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING SPH VALUES)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
0	LINE OF EQUAL SPH THICKNESS
SPH	SINGLE-PHASE HYDROCARBON

N

0 300'

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FIGURE 6A

SPH THICKNESS MAP (THIRD QUARTER 2019)

AOC 35 INVESTIGATION WORK PLAN MARATHON PETROLEUM CORP. GALLUP REFINING DIVISION, GALLUP, NEW MEXICO

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/25/20	File: 697-GALLUPAOC35-SPH-Q3_2019

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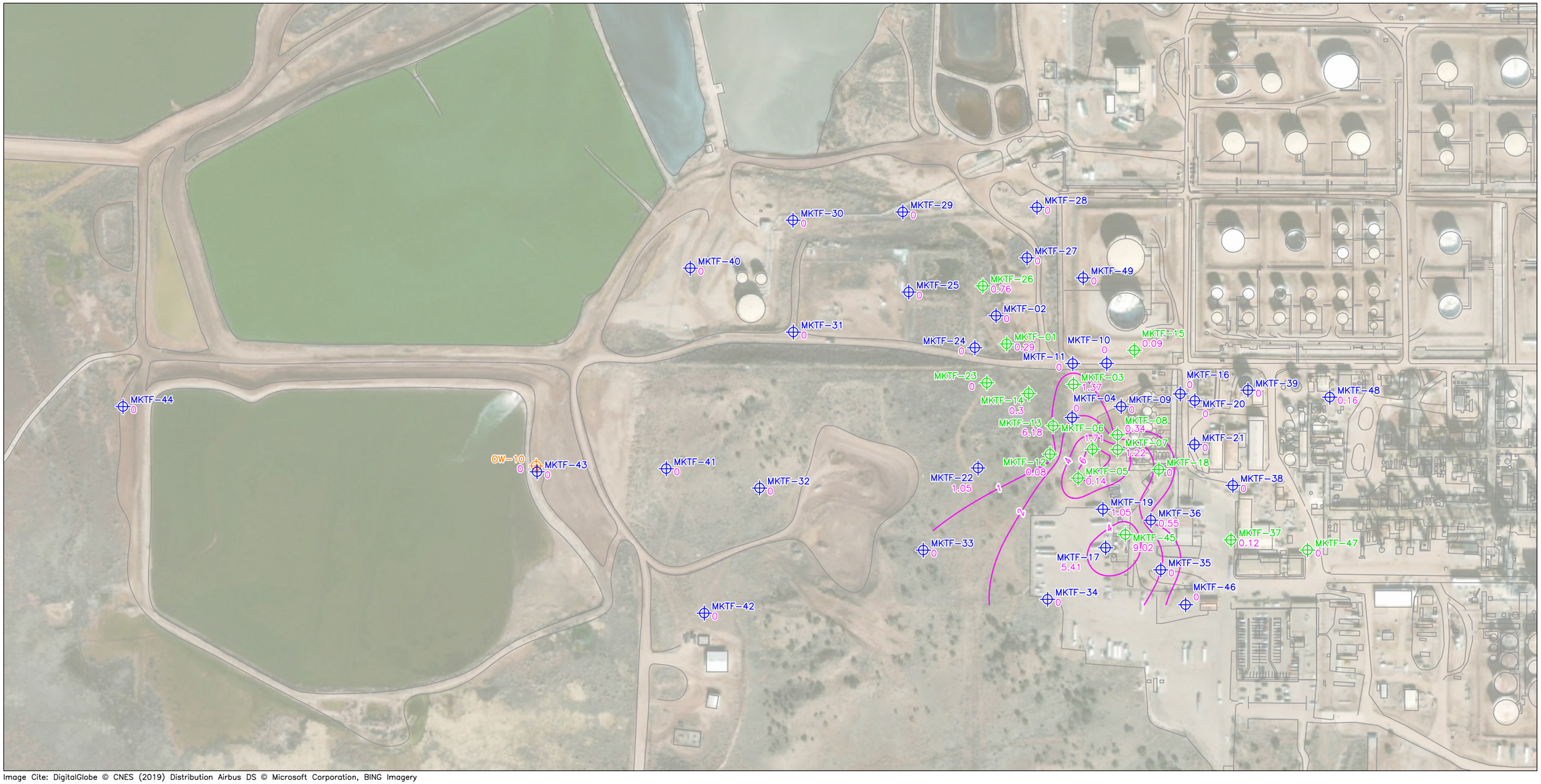

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EXPLANATION

MKTF-42 0	CHINLE/ALLUVIUM INTERFACE WELL AND DESIGNATION (SHOWING SPH VALUES)
OW-10	SONSELA WELL AND DESIGNATION
MKTF-45	SPH MONITORING WELL AND DESIGNATION
0	LINE OF EQUAL SPH THICKNESS
SPH	SINGLE-PHASE HYDROCARBON

N

0 300'

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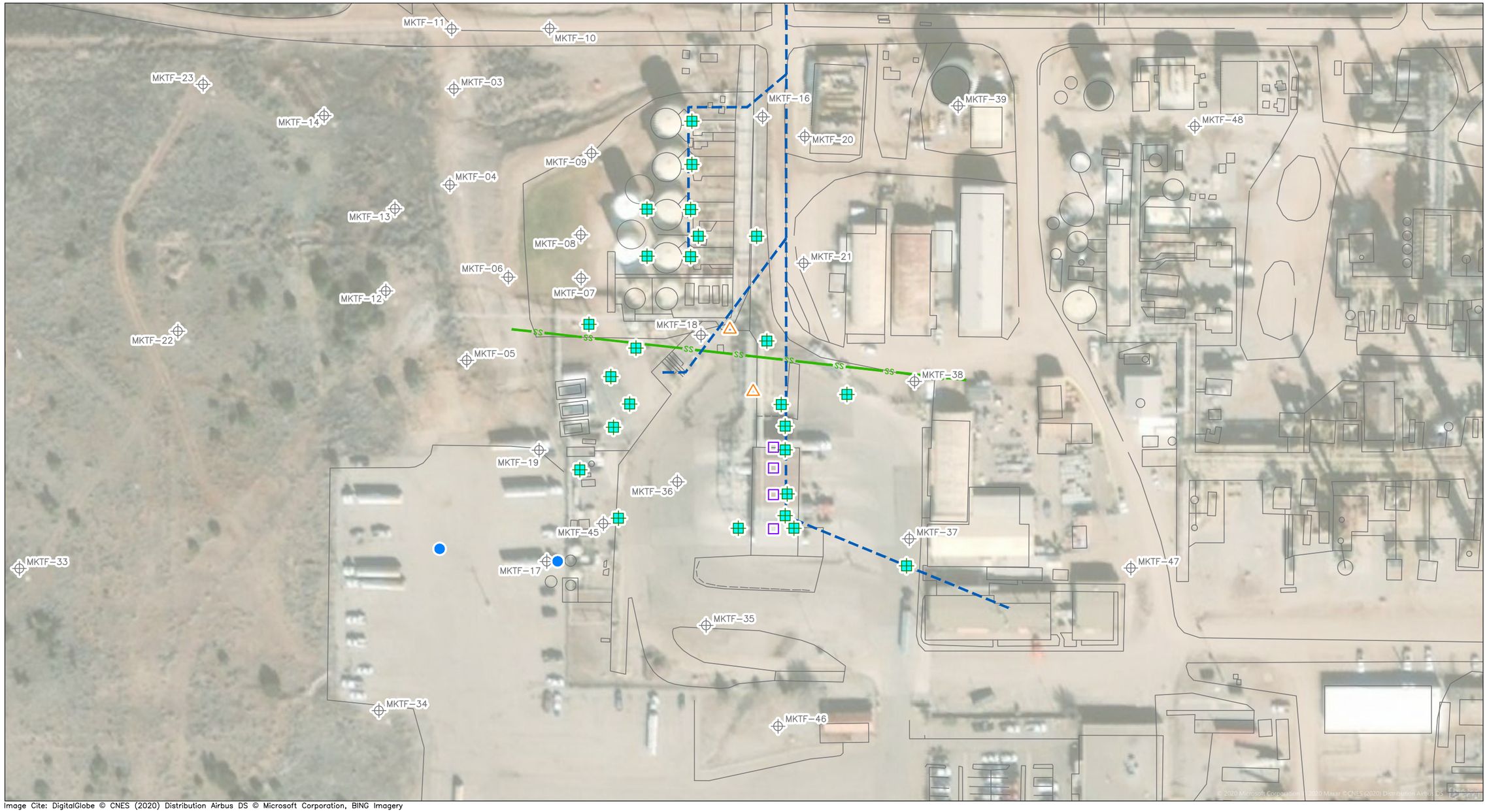
FIGURE 6B

SPH THICKNESS MAP (FIRST QUARTER 2020)

**AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP	Checked By: MS	Scale: 1" = 300'	Date: 11/25/20	File: 697-GALLUPAOC35-SPH-Q1_2020



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EXPLANATION

- MKTF–34 — EXISTING CHINLE/ALLUVIUM INTERFACE AND SPH WELL AND DESIGNATION
- OILY WATER DRAIN LINE
- SS — SANITARY SEWER LINE
- PROPOSED SOIL BORING LOCATION (JULY 2019 WORK PLAN)
- PROPOSED SOIL BORING LOCATIONS
- PROPOSED WELL LOCATIONS
- PROPOSED SUMP LOCATIONS
- SPH — SINGLE-PHASE HYDROCARBON

N

0 100'

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FIGURE 7

PROPOSED SAMPLING LOCATIONS

AOC 35 INVESTIGATION WORK PLAN
MARATHON PETROLEUM CORP.
GALLUP REFINING DIVISION, GALLUP, NEW MEXICO

Drawn By: REP	Checked By: MS	Scale: 1" = 100'	Date: 11/23/20	File: 697-GALLUPAOC35-PROPSAMPLOCS

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Appendix A

Boring Logs

WELL INSTALLATION

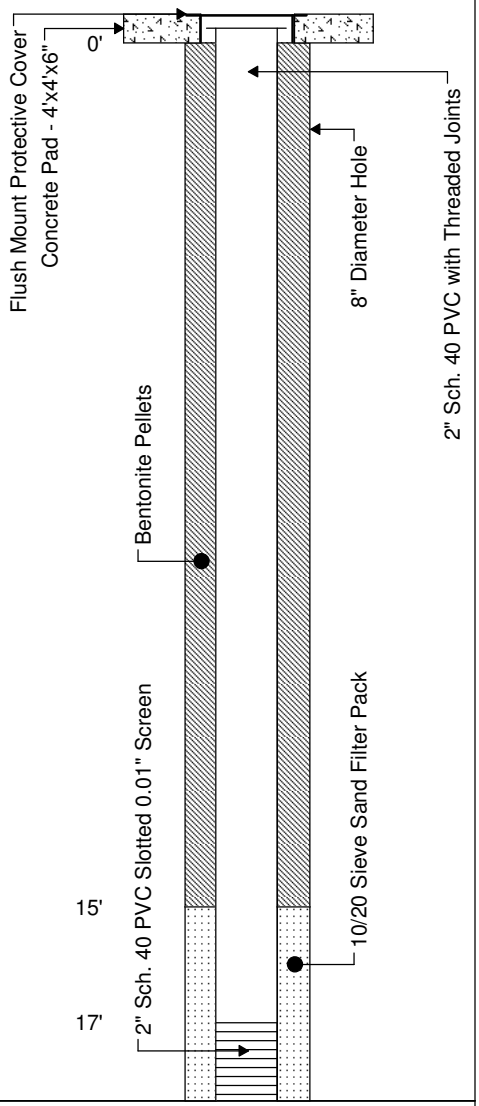
Well No.: MKTF-18
Start Date: 11/15/2013 10:00
Finish Date: 11/15/2013 15:00

Client: Western Refining Southwest, Inc.
Site: Gallup Refinery - Seep West of Tank 102
Job No.: UEC01809
Geologist: Tracy Payne
Driller: Enviro-Drill, Inc.
Drilling Rig: CME 75
Drilling Method: Hollow Stem Augers
Sampling Method: Split Spoon
Comments: N 35°29.288' W 108°25.692'; Boring ID - SB34

Total Depth: 27' bgl
Ground Water: Saturated @ 23' bgl
Elev., TOC (ft. msl): 6950.65
Elev., PAD (ft. msl): 6950.97
Elev., GL (ft. msl): --
Site Coordinates:
N 1,633,497.53 **E** 2,546,006.29

Depth (ft.)	PID (ppm)	Saturation	USCS Class	Recovery (%)	Sample Description
-1					Ground Surface
1				--	**Fill (Gravel and Silty Clay)**
3	1009			20	**Fill (Gravel and Silty Clay)** Similar to above, strong hydrocarbon odor, damp
5	693			60	**Fill (Gravel and Silty Clay)** Similar to above
7	1108			70	**Fill (Silty Clay)** Low plasticity, firm, damp, brown, gravel present, strong hydrocarbon odor
9	901			90	**Fill (Clay/Sand/Gravel)** Similar to above, saturated, odor, sheen observed
11	803			60	**Clay (CH)** High plasticity, stiff, damp, brown, hydrocarbon odor
13	254			70	**Clay (CH)** Similar to above, very fine grain, sand in partings
15	200			30	**Clay (CH)** Similar to above
17				--	No recovery

Completion Results



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Austin, Texas 78746

512/347-7588
512/347-8243

WELL INSTALLATION

Well No.: MKTF-18
Start Date: 11/15/2013 10:00
Finish Date: 11/15/2013 15:00

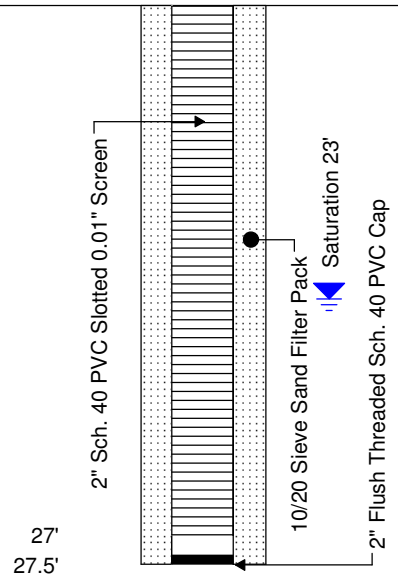
Client: Western Refining Southwest, Inc.
Site: Gallup Refinery - Seep West of Tank 102
Job No.: UEC01809
Geologist: Tracy Payne
Driller: Enviro-Drill, Inc.
Drilling Rig: CME 75
Drilling Method: Hollow Stem Augers
Sampling Method: Split Spoon

Total Depth: 27' bgl
Ground Water: Saturated @ 23' bgl
Elev., TOC (ft. msl): 6950.65
Elev., PAD (ft. msl): 6950.97
Elev., GL (ft. msl): --
Site Coordinates:
N 1,633,497.53 **E** 2,546,006.29

Comments: N 35°29.288' W 108°25.692'; Boring ID - SB34

Depth (ft.)	PID (ppm)	Saturation	USCS Class	Recovery (%)	Sample Description
20	112			30	**Clay (CH)** High plasticity, firm, damp, brown, faint odor
	55			20	**Clay (CH)** Similar to above
22					
	323	23'		80	**Clay (CH)** Similar to above
24					**Sandy Clay/Clayey Sand (SC/CL)** Fine grain, compact, very moist to saturated, brown, hydrocarbon present
				90	**Clayey Sand (SC)** Similar to above, saturated
26					**Sandy Clay (CL)** Low plasticity, firm, damp, hydrocarbon odor, greenish gray
					Total Depth = 27' BGL
28					
30					
32					
34					
36					

Completion Results



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Sheet: **2 of 2**

512/347-7588
512/347-8243

Appendix B

Investigation Derived Waste Management Plan

Investigation Derived Waste (IDW) Management Plan

All IDW will be properly characterized and disposed of in accordance with all federal, State, and local rules and regulations for storage, labeling, handling, transport, and disposal of waste. The IDW may be characterized for disposal based on the known or suspected contaminants potentially present in the waste.

A dedicated decontamination area will be setup prior to any sample collection activities. The decontamination pad will be constructed so as to capture and contain all decontamination fluids (e.g., wash water and rinse water) and foreign materials washed off the sampling equipment. The fluids will be pumped directly into suitable storage containers (e.g., labeled 55-gallon drums), which will be located at satellite accumulation areas until the fluids are disposed in the refinery wastewater treatment system upstream of the API separator. The solids captured in the decontamination pad will be shoveled into 55-gallon drums and stored at the designated satellite accumulation area pending proper waste characterization for off-site disposal.

Drill cuttings generated during installation of soil borings will be placed directly into 55-gallon drums and staged in the satellite accumulation area pending results of the waste characterization sampling. The portion of soil cores, which are not retained for analytical testing, will be placed into the same 55-gallon drums used to store the associated drill cuttings.

The solids (e.g., drill cuttings and used soil cores) will be characterized by testing to determine if there are any hazardous characteristics in accordance with 40 Code of Federal Regulations (CFR) Part 261. This includes tests for ignitability, corrosivity, reactivity, and toxicity. If the materials are not characteristically hazardous, then further testing will be performed pursuant to the requirements of the facility to which the materials will be transported. Depending upon the results of analyses for individual investigation soil samples, additional analyses may include VOCs, TPH and polynuclear aromatic hydrocarbons (PAHs).

Appendix C

Well Development and Purging Procedures

Well Development

All monitoring wells will be developed to create an effective filter pack around the well screen, correct damage to the formation caused by drilling, remove fine particles from the formation near the borehole, and assist in restoring the natural water quality of the aquifer in the vicinity of the well. Newly installed monitoring wells will not be developed for at least 48 hours after the surface pad and outer protective casing are installed. This will allow sufficient time for the well materials to cure before the development procedures are initiated. A new monitoring well will be developed until the column of water in the well is free of visible sediment, and the pH, temperature, turbidity, and specific conductivity have stabilized. In most cases, the above requirements can be satisfied. However, in some cases, the pH, temperature, and specific conductivity may stabilize but the water remains turbid. In this case, continuous flushing may be necessary to complete the well development. If the well is pumped dry, the water level will be allowed to sufficiently recover before the next development period is initiated. The common methods used for developing wells include:

(1) pumping and over-pumping;

(2) backwashing;

(3) surging (with a surge block);

(4) bailing;

(5) jetting; and

(6) airlift pumping.

These development procedures will be used, either individually or in combination, to achieve the most effective well development. However, the most favorable well development methods include pumping, over-pumping, bailing, surging, or a combination of these methods. Well development methods and equipment that alter the chemical composition of the groundwater will not be used.

Development methods that involve adding water or other fluids to the well or borehole, or that use air to accomplish well development will be avoided, if possible. Approval will be obtained from the NMED prior to introducing air, water, or other fluids into the well for the purpose of well development. If water is introduced to a borehole during well drilling and completion, then the same or greater volume of water will be removed from the well during development. In addition, the volume of water withdrawn from a well during development will be recorded, and best efforts will be used to avoid pumping wells dry during development activities.

Well Purging

All zones in each monitoring well will be purged by removing groundwater prior to sampling and in order to ensure that formation water is being sampled. Purge volumes will be determined by monitoring, at a minimum, groundwater pH, specific conductance, dissolved oxygen concentrations, turbidity, redox potential, and temperature during purging of volumes and at measurement intervals of not less than ¼ the pre-purge well volume. The groundwater quality parameters and fluid levels will be measured using a YSI Professional Plus Multiparameter Meter, YSI Water Quality Sonde, Hach Portable Turbidimeter, and a Geotech Interface Meter. The volume of groundwater purged, the instruments used, and the readings obtained at each interval will be recorded on the field monitoring log. In general, water samples may be obtained from the well after the measured parameters of the purge water have stabilized to within ten percent for three consecutive measurements. Well purging

may also be conducted in accordance with the NMED's Position Paper "Use of Low-Flow and other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring" (October 30, 2001). If necessary, a written request for a variance from the described methods of well purging for individual wells may be submitted to NMED no later than 90 days prior to scheduled sampling activities.

Appendix D

C-141 Form – Gasoline Release

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Marathon – Gallup Refinery	OGRID
Contact Name: JOHN MOORE	Contact Telephone: 505-722-0205
Contact email: JMOORE5@MARATHONPETROLEUM.COM	Incident # *(assigned by OCD)*
Contact mailing address: 92 Giant Crossing Road, Gallup, NM 87301	

Location of Release Source

Latitude 35°29'29.70"N *(NAD 83 in decimal degrees to 5 decimal places)*

Longitude 108°25'25.00"W

Site Name: Gallup Refinery	Site Type: Refinery
Date Release Discovered: 10/27/19	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
SWNE	33	15N	15W	McKinley

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe) Unleaded Gasoline	Volume/Weight Released (provide units) Estimated greater than 100 BBLS Gasoline to ground	Volume/Weight Recovered (provide units) No significant recovery to date

Cause of Release
On 10/27/19 staining, that was initially thought to be historic, was discovered on the ground W of the truck rack. Hydrocarbon was found to be seeping out of the ground into a stormwater ditch. An earthen berm was placed to stop flow in the ditch and a vac truck was used to vacuum up any hydrocarbon and water accumulating. There has been no significant amount of hydrocarbon accumulating. Once it was determined that the leak was from an underground transfer line, the line was blocked in. Repair of the line is in progress.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The quantity is estimated to be greater than 25 BBLS.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? John Moore notified Carl Chavez, OCD, on 11/5/19, after it was determined the leak was likely greater than 100 BBLS.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

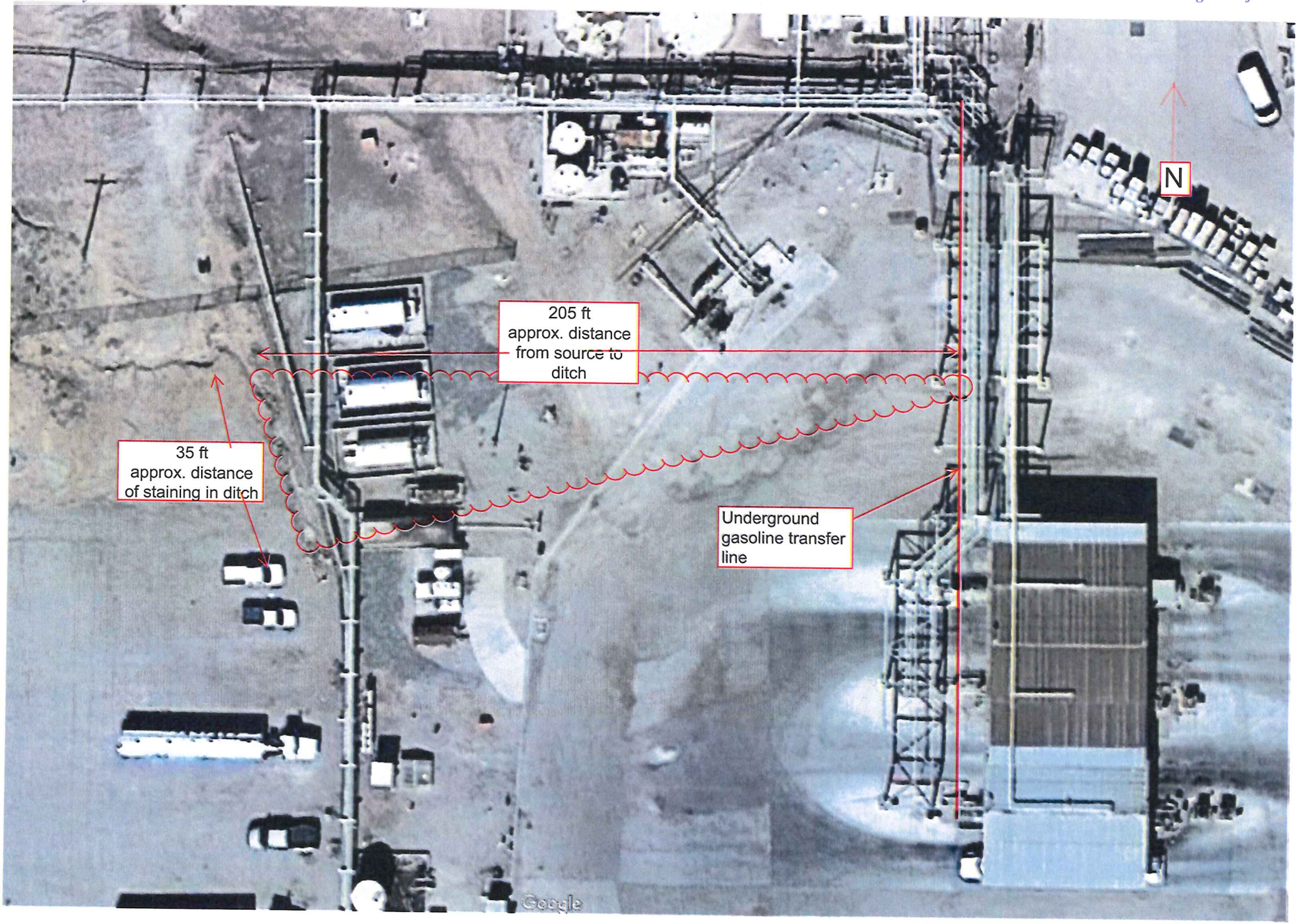
Printed Name: JOHN MOORE Title: ENVIRONMENTAL SUPERINTENDENT

Signature: [signature] Date: 11-7-19

email: jmoore5@marathonpetroleum.com Telephone: 505-863-3205

OCD Only

Received by: _____ Date: _____


N
205 ft
approx. distance
from source to
ditch
35 ft
approx. distance
of staining in ditch
Underground
gasoline transfer
line
Google

Appendix B: Redline IWP Report

Investigation Work Plan No. 2
Area of Concern 35

Marathon Petroleum Company LP

Gallup Refinery
Marathon Petroleum Company, LP
Gallup, New Mexico

EPA ID# NMD000333211

FEBRUARY 2020

Scott Crouch
Senior Geologist

DiSorbo
Environmental Consulting Firm

8501 North Mopac Expy | Suite 300 | Austin, TX 78759
512.693.4190 (P) | 512.279.3118 (F) | www.disorboconsult.com

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Appendix A Boring Logs

Appendix B Investigation Derived Waste Management Plan

Appendix C Well Development and Purging Procedures

Appendix D C-141 Form – Gasoline Release

List of Acronyms

benzene, toluene, ethylbenzene, and xylene (BTEX)
Code of Federal Regulations (CFR)
Contract Laboratory Program (CLP)
data quality objective (DQO)
diesel range organics (DRO)
dilution attenuation factor (DAF)
Environmental Protection Agency (EPA)
investigation derived waste (IDW)
Maximum Contaminant Level (MCL)
mean sea level (msl)
monitoring well (MW)
motor oil range organics (MRO)
methyl tert butyl ether (MTBE)
New Mexico Administrative Code (NMAC)
New Mexico Environment Department (NMED)
New Mexico Oil Conservation Division (NMOCD)
photoionization detector (PID)
polynuclear aromatic hydrocarbon (PAH)
polyvinyl chloride (PVC)
quality assurance/quality control (QA/QC)
Resource Conservation and Recovery Act (RCRA)
separate-phase hydrocarbon (SPH)
semi-volatile organic compound (SVOC)
Solid Waste Management Unit (SWMU)
total petroleum hydrocarbon (TPH)
toxicity characteristic leaching procedure (TCLP)
volatile organic compound (VOC)

Executive Summary

The Gallup Refinery, which is located 17 miles east of Gallup, New Mexico, has been in operation since the 1950s. Pursuant to the terms and conditions of the facility Resource Conservation and Recovery Act (RCRA) Post-Closure Care Permit and 20.4.1.500 New Mexico Administrative Code, this Investigation Work Plan has been prepared for Area of Concern (AOC) 35. AOC 35 includes the main truck loading rack, crude slop and ethanol unloading facility, additive tank farm/loading rack, and the retail tank farm (Tanks 1 – 7, 912, 913, 1001, and 1002).

Groundwater samples collected from wells near the retail tank farm [also known as the marketing tank farm (MKTF)] (e.g., MKTF-07, -08, -09, -10, -16, and -18) have shown impacts from petroleum hydrocarbons, to include such constituents as benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert butyl ether (MTBE) above screening levels. Similar impacts also extent to the south near the main truck loading racks as shown in groundwater samples collected from this area. An Investigation Work Plan was prepared in July 2019 to investigate potential source areas that have in the past or are continuing to contribute to the observed groundwater impacts. Twenty-five soil borings were proposed to evaluate the presence of source areas. This included collection of soil samples from each boring and a groundwater sample if groundwater is encountered. In addition, two shallow permanent monitoring wells were to be installed to evaluate conditions in the perched groundwater zone previously identified on the western side of the main truck loading rack.

Subsequent to preparation of the initial Investigation Work Plan in July 2019, a release of gasoline was observed at the land surface on October 27, 2019 on the west side of the Truck loading rack. The source of the release was determined to be an underground transfer line on the north side of the Truck loading rack. This Investigation Work Plan provides for the collection of additional soil and groundwater samples in the area of the pipeline release and down-gradient to facilitate lateral delineation of the release.

The soil and groundwater samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), Skinner List metals, iron, and manganese. Groundwater samples will also be analyzed for major anions (e.g., carbonate, bicarbonate, sulfate, fluoride and chloride).

Section 1
Introduction

The Gallup Refinery is located approximately 17 miles east of Gallup, New Mexico along the north side of Interstate Highway I-40 in McKinley County. The physical address is I-40, Exit #39 Jamestown, New Mexico 87347. The Gallup Refinery is located on 810 acres. Figure 1 presents the refinery location and the regional vicinity.

The Gallup Refinery generally processes crude oil from the Four Corners area transported to the facility by pipeline or tanker truck. Various process units are operated at the facility, including crude distillation, reforming, fluidized catalytic cracking, alkylation, sulfur recovery, merox treater, and hydrotreating. Current and past operations have produced gasoline, diesel fuels, jet fuels, kerosene, propane, butane, and residual fuel.

This investigation work plan addresses AOC 35, which includes the main truck loading rack, crude slop and ethanol unloading facility, additive tank farm loading rack, and the retail tank farm (tanks 1 – 7, 912, 913, 1001, and 1002) (Figure 2). The purpose of this investigation is to:

- Characterize the subsurface conditions in the area of a leaking underground transfer line on the north side of the Truck loading rack; and
- Provide additional information on the down-gradient migration of separate-phase hydrocarbons (SPH) to the west of the Truck loading rack.

The investigation activities will be conducted in accordance with Section IV.H.5 of the Post-Closure Care Permit.

Section 2
Background

This section presents background information for the area of the refinery property near AOC 35, including a review of historical waste management activities to identity the following:

- Type and characteristics of all waste and all contaminants handled in the subject areas;
- Known and possible sources of contamination;
- History of operations; and
- Prior investigations.

2.1 Main Truck Loading Rack Area

The main truck loading rack is located in the southwestern area of the active portion of the refinery property (Figure 2). The main loading racks cover an area approximately 100 feet by 120 feet and it is used to load refined petroleum products (e.g., gasoline and diesel) into tanker trucks. The loading racks appear to have been in operation in this same location since at least 1962. There is no history of waste materials being handled at the loading racks.

There have been documented releases at the loading rack that were discovered at the time of the release and addressed, including notification to the appropriate regulatory agencies. On December 4, 2007, approximately 6,800 gallons of gasoline was spilled when a truck driver erroneously opened a valve on a tanker truck (Release Notification dated Dec. 7, 2007) and on December 23, 2009, approximately 44 barrels (1,848 gallons) of diesel fuel was spilled from a leaking underground pipeline at the west end of the loading rack (Release Notification dated Dec. 29, 2009). No final documentation of the spill response for the December 2009 release has been located to determine if the spill response was fully completed.

As part of the Interim Measures to address the Hydrocarbon Seep Area, which is located to the northwest of the main loading racks, new monitoring wells were installed near the loading racks. These wells are identified as the MKTF wells. In addition, during the field reconnaissance process to locate potential drilling locations near the main loading racks, an unidentified well was located to the west of the main loading racks and it was subsequently numbered as MKTF-45 (Figures 3a and 3b). The well is measured as being 30.24 feet deep and has contained SPH since it was first gauged in

2014. It appears the well was installed to help address historic releases near the main loading racks; however, no documentation of this has been found in site records despite repeated attempts to locate any information on the well. A camera scope that can access the well will be used to determine the screened interval of well MKTF-45. Well MKTF-36 was installed immediately down-gradient of the loading racks in November 2014 and SPH was identified while drilling the boring. Fluid level measurements for wells near AOC 35 are provided in Table 1. Fluid level measurements before and after the October 27, 2019 release are shown on Figures 3a and 3b. Boring logs for the nearby wells are provided in Appendix A. Chemical analyses of groundwater samples collected in the area of AOC 35 are summarized in Table 2. Figures 4 a, 4b, ~~and~~ 5a, and 5b show the distribution of benzene and MTBE in groundwater before and after the October 27,2019 release, respectively, which appears to have a source in the vicinity of the main loading racks.

Underground piping near the main loading racks includes a sanitary sewer drain line running east to west to the north of the loading rack (Figure ~~6~~7). In addition, there are oily water drain lines (process sewer) that run from the lab building to the loading rack and then the line continues to the north after picking up discharge from sumps located at the loading rack. The sumps collect small spills that may occur on the loading rack concrete apron and de minimis volumes of product that drained from loading hoses. The sump is no longer used to collect fluids from loading hoses and would only serve as an emergency drain in the case of a release during loading operations. The concrete pads are cracked, particularly in the areas near the sumps. The cracked concrete pads will be assessed and repaired, if needed, prior to the refinery being put back into service.

2.2 Crude Slop and Ethanol Unloading Facility

This facility is located approximately 80 feet northwest of the main loading racks and is used to unload recovered oil and transmix that may be reclaimed from various locations within the refinery. The area is also used to unload ethanol that is delivered to the refinery via truck. It was put into service sometime before the 1990s and is still in operation. The unloading area is approximately 15 feet by 40 feet and includes overhead pipelines and associated connections to support unloading operations. The concrete pad drains to a sump, which is connected to the process sewer (Figure 7~~6~~). This concrete pad, which appears to be in good condition, was rebuilt approximately 10 years ago.

2.3 Additive Tank Farm Loading Rack

Petroleum product additives are stored in aboveground tanks at this location (Figure 2). These additive tanks are all small aboveground tanks located approximately 150 feet west of the main loading rack.

The additive tanks were installed prior to 1997, but the exact date is uncertain. No wastes are managed and only products (i.e., fuel additives) are managed in this area. Methyl tert butyl ether (MTBE) is not and has not been stored in these tanks.

2.4 Retail Tank Farm

The retail tank farm is located approximately 150 feet northwest of the main loading racks and includes Tanks 1 – 7, 912, 913, 1001, and 1002 (Figure 2). Retail petroleum products (e.g., gasoline, diesel, and biodiesel) are stored in these tanks and MTBE was stored in Tank 6 prior to discontinuation of its use in 2006. Ethanol has been stored in Tank 6 since the use of MTBE was discontinued. The first tanks were constructed in 1963 and have had routine inspections both external and internal since construction. Details of the tanks size, materials, construction dates, etc. are provided in Table 3.

The fuels are delivered to the marketing tanks via pipelines that run primarily aboveground. Ethanol is unloaded at the adjacent ethanol unloading facility and transferred to Tanks 5 and 6 via aboveground lines. The fuels and additives (i.e., ethanol) are subsequently transferred to the main loading racks via aboveground and underground pipelines where they are loaded into tanker trucks.

There have been documented releases at the marketing tank farm primarily from overfilling of the tanks. Two examples include:

- On December 31, 2007, approximately 32 barrels (1,344 gallons) of ethanol was spilled when a pressure gauge on Tank 5 became loose and began leaking (Release Notification dated Jan. 2, 2008); and

- On March 7, 2008, approximately 20 barrels (840 gallons) of diesel fuel was spilled during filling when the transfer pump did not switch off at the preselected level (Release Notification dated March 10, 2008).

2.5 October 2019 Underground Transfer Line Release

On October 27, 2019 an area of soil staining was observed to the west of the Truck loading rack. It was determined this was evidence of new release and subsequent efforts identified an underground product transfer line leaking gasoline on the north side of the Truck loading rack. (Figure ~~6~~7). As part of the initial spill response efforts, the pipeline was taken out of service, an earthen berm was placed to stop flow in the ditch and any fluids present were recovered. This was reported on

November 7, 2019 to the NMED and New Mexico Oil Conservation Division via Form C-141, a copy of which is included in Appendix D.

After the release was identified, fluid levels were checked in nearby monitoring wells to determine if the gasoline (expressed as SPH) was present and on-going measurements continue to be recorded. Monitoring well fluid level measurements before (3rd quarter 2019) and after (1st quarter 2020) the release are shown on Figures 3a and 3b. The measurements through January 15, 2020 are provided in Table 1 along with the routine quarterly gauging information for the nearby MKTF wells. These measurements show SPH being indicated for the first time in wells MKTF-13 on January 15, 2020, MKTF-17 on November 19, 2019, MKTF-19 on December 2, 2019. In addition, significant increases in the measured thickness of SPH occurred in wells MKTF-05 on November 13, 2019, MKTF-06 on December 2, 2019, MKTF-07 on December 19, 2019, MKTF-36 on November 6, 2019, and MKTF-45 on October 31, 2019. The SPH appears to be moving preferentially to the northwest, where the greater thickness measurements are recorded, but the appearance of SPH in MKTF-17 suggests migration to the west as well. SPH thickness in the monitoring wells before (3rd quarter 2019) and after (1st quarter 2020) the release is shown on Figures 6a and 6b, respectively.

2.6 Prior Investigations

The earliest investigation in the area is referenced in *Comprehensive Facility Investigation Work Plan* that was prepared for the NMOCD in June 1997 (Giant Refining Company, 1997). The work plan references "groundwater impact area #4" as being in the vicinity of the truck loading rack. It is stated that the source of the impact is a spill of hydrocarbon that occurred in the early 1980s. The area is further described as having residual hydrocarbons present at low levels and declining through natural biodegradation. No quantitative information could be located to substantiate the description of the conditions provided in the 1997 Work Plan.

As discussed above in Section 2.1, groundwater conditions in the vicinity of AOC 35 were recently investigated as part of the interim measures effort for the Hydrocarbon Seep Area (DiSorbo, 2016). Figure ~~6~~ 7 shows the location of numerous monitoring wells (MKTF designation) in and around AOC 35. These wells are primarily screened across the contact of the Chinle Group (Petrified Forest Formation) that forms an aquitard and the overlying alluvial/fluvial deposits (Quaternary Alluvium). Groundwater samples collected from the existing MKTF wells have shown the presence of petroleum hydrocarbons, including constituents such as BTEX and related constituents (e.g., MTBE) at concentrations above screening levels. These analyses are summarized in Table 2. The distribution

of these constituents as shown on Figures ~~3 and~~ 4a, 4b, 5a, and 5c indicates a source of groundwater contamination from within AOC 35.

The process sewer drain lines that are present in the area were also evaluated in the past to determine if they could be leaking. On July 8, 2013, one pint of fluorescent FWT red dye was poured into a sump/drain at the second bay from the south end at the truck loading rack. After several minutes the red dye was observed in the sewer box located on the west side of the bundle cleaning pad, confirming the flow of the drain from the truck rack to the north in the main process sewer pipeline. A second pint of the same red dye was added to the same sewer box on the west side of the bundle pad. The excavations at the hydrocarbon seep area (located west of the crude tanks) were inspected each day afterward and on the 8th day, July 16, 2018, red dye as identified in one of the excavations. The dye was not initially identified in the soil borings/temporary wells located south the hydrocarbon seep and west of the marketing tanks, but only in the area where the seep was identified. During a later fluid gauging event on August 14th, dye was observed in SB-1 and SB-16. The presence of dye in groundwater in the area of the seep was interpreted as indicating a likely release from the sewer system and a possible preferential migration pathway to this area.

Two additional dye tests were conducted in the process sewer system with one pint of a yellow/green dye (Spectroline Oil-Glo 44G Fluorescent yellow/green) introduced into the sewer at the Crude Slop and Ethanol Unloading area (a short distance northwest of the main truck loading racks) on September 23, 2013 and one pint of a red dye (FWT red dye) introduced at the lab sinks on September 24, 2013. On September 25, 2013, green dye was detected in sump 1 at the hydrocarbon seep. A subsequent fluid level gauging event was conducted at the MKTF monitoring wells on September 26, 2013. The red dye was identified in five of the temporary wells [SB01 (MKTF-03), SB02, SB16 (MKTF-10), SB17 (MKTF-11), and SB22 (MKTF-14)], all of which are located just south of the road that runs east-west along the north side of the marketing tanks. The green/yellow dye appeared to be present in nine wells [SB04, SB05, SB06 (MKTF-05), SB08 (MKTF-06), SB10 (MKTF-07), SB11 (MKTF-08), SB19 (MKTF-12), SB20 (MKTF-13), and SB21], which are all located further south, closer to the Crude Slop and Ethanol Unloading area. Although the dye tests were not conclusive, the separate patterns of the two dyes suggest the possibility of two separate release points from the sewer line. The current status of the sewer has not been confirmed. The Gallup Refinery is indefinitely idled at this time and the sewer is currently not in operation. In the future, and prior to the refinery starting back up, an assessment of the sewer will be completed and, if necessary, repairs will be made.

Section 3
Site Conditions

3.1 Surface Conditions

Site topographic features include high ground in the southeast gradually decreasing to a lowland fluvial plain to the northwest. Elevations on the refinery property range from 7,040 feet to 6,860 feet. Surface soils within most of the area of investigation are primarily Rehobeth silty clay loam. Rehobeth soil properties include a pH ranging from 8 to 9 standard units and salinity (naturally occurring and typically measuring up to approximately 8 mmhos/cm).

Regional surface water features include the refinery evaporation ponds and a number of small ponds (one cattle water pond and two small unnamed spring fed ponds). The site is located in the Puerco River Valley, north of the Zuni Uplift with overland flows directed northward to the tributaries of the Puerco River. The Puerco River continues to the west to the confluence with the Little Colorado River. The South Fork of the Puerco River is intermittent and retains flow only during and immediately following precipitation events.

3.2 Subsurface Conditions

The shallow subsurface soils consist of fluvial and alluvial deposits comprised of clay and silt with minor inter-bedded sand layers. Very low permeability bedrock (e.g., claystones and siltstones) underlie the surface soils and effectively form an aquitard. The Chinle Group, which is Upper Triassic, crops out over a large area on the southern margin of the San Juan Basin. The uppermost recognized local Formation is the Petrified Forest Formation and the Sonsela Sandstone Bed is the uppermost recognized regional aquifer. Aquifer test of the Sonsela Bed northeast of Prewitt indicated a transmissivity of greater than 100 ft^2/day (Stone and others, 1983). The Sonsela Sandstone's highest point occurs southeast of the site and slopes downward to the northwest as it passes under the refinery. The Sonsela Sandstone forms a water-bearing reservoir with artesian conditions throughout the central and western portions of the refinery property.

The diverse properties and complex, irregular stratigraphy of the surface soils across the site cause a wide range of hydraulic conductivity ranging from less than 10^{-2} cm/sec for gravel like sands immediately overlying the Petrified Forest Formation to 10^{-8} cm/sec in the clay soils located near the surface (Western, 2009). Generally, shallow groundwater at the refinery follows the upper contact of

the Petrified Forest Formation with prevailing flow from the southeast to the northwest, although localized areas may have varying flow directions (Figure 3a and Figure 3b). Fluid level measurements for wells in the area of AOC 35 are included in Table 1.

Section 4
Scope of Services

The site investigation of soil and groundwater will be conducted to characterize the subsurface conditions in the area of the leaking underground transfer line on the north side of the Truck loading rack and help delineate the down-gradient migration of SPH to the west of the Truck loading rack. The investigation will commence upon approval of this Investigation Work Plan by NMED.

4.1 AOC 35 Investigation

An investigation of soil and groundwater conditions in AOC 35 was proposed in an Investigation Work Plan prepared in July 2019 to determine the source of BTEX and MTBE that has been detected in groundwater samples collected from monitoring wells in the vicinity of AOC 35. The boring locations proposed in this earlier Investigation Work Plan, which are identified on Figure 7~~6~~, were selected based on field reconnaissance to identify visibly stained soils, water drains at aboveground storage tanks, and sumps and related features where fluids are transferred (e.g., loading of petroleum fuels at the loading racks). In addition, borings were proposed along an underground sanitary sewer pipeline and underground oily water drain lines identified from site records. The data obtained from these previously proposed and approved (NMED approved with modification on September 12, 2019) locations will also provide significant information on the impacts from the recent release of gasoline from the underground transfer line. Eight of these borings are located to the east (up-gradient) of the underground transfer line, one is located immediately to the south, seven are located to the west (down-gradient) of the transfer line and one boring is located to the north.

Under this new Investigation Work Plan, two soil borings will be completed along the section of the underground transfer line north of the Truck loading rack where the leak was identified in the pipeline. The soil borings will be drilled through the soil/groundwater interface to the clay aquitard. ~~the top of the uppermost potentially competent aquitard.~~ Based on the boring log for nearby well MKTF-18, a clay aquitard was present from a depth of 10 feet below ground level (bgl) to 23 feet bgl. It is anticipated that the gasoline is likely pooled on top of this clay interval and to avoid providing a direct vertical conduit to lower permeable layers the soil borings will be terminated in the clay. In addition to collection of soil samples, groundwater samples will also be collected from these locations if groundwater is encountered and SPH is not present. When SPH is present, a sample will

be collected and analyzed to determine the nature of contamination and identify the contaminants potential origin.

Two new permanent monitoring wells will be installed. The first ~~A new permanent monitoring well~~ will be installed west of the Truck loading rack. The first monitoring well is proposed to be located approximately ~~midway between~~ 100 ft west of MTKF-17, which now contains SPH as a result of the gasoline release. ~~., and MKTF-33 that does not contain measurable SPH.~~ ~~The new monitoring well will follow the same soil sampling procedures as the soil borings.~~ The second well will be installed in close proximity to Well MTKF-17. The screened interval of MTKF-17 is submerged below the water table and underestimates the SPH thickness. Therefore, the proposed well will be installed to intercept the water table, which will be more accurate in evaluating SPH thickness. The new monitoring wells will follow the same soil sampling procedures as the soil borings, ~~,~~described in Section 4.2.

In addition, the screened interval of MKTF-45 will be determined to evaluate whether MKTF-45 is screened differently than other nearby wells or if an isolated hot spot is present near well MKTF-45. This will be completed using a down hole camera to determine the screened interval.

The current status of the sewer has not been confirmed. The Gallup Refinery is indefinitely idled at this time and the sewer is currently not in operation. In the future, and prior to the refinery starting back up, an assessment of the sewer will be completed and, if necessary, repairs will be made.

4.2 Soil Sample Field Screening and Logging

Samples obtained from the soil borings and the two new groundwater monitoring wells and MKTF-17 and west of well MKTF-17 will be screened in the field on 2.0-foot intervals for evidence of contaminants. Field screening results will be recorded on the exploratory boring logs. Field screening results will be used to aid in the possible selection of soil samples for laboratory analysis. The primary screening methods include: (1) visual examination, (2) olfactory examination, and (3) headspace vapor screening for volatile organic compounds.

Visual screening includes examination of soil samples for evidence of staining caused by petroleum-related compounds or other substances that may cause staining of natural soils such as elemental sulfur or cyanide compounds. Headspace vapor screening targets volatile organic compounds and involves placing a soil sample in a plastic sample bag or a foil sealed container allowing space for ambient air. The container will be sealed and then shaken gently to expose the soil to the air

trapped in the container. The sealed container will be allowed to rest for a minimum of 5 minutes while vapors equilibrate. Vapors present within the sample bag's headspace will then be measured by inserting the probe of the instrument in a small opening in the bag or through the foil. The maximum value and the ambient air temperature will be recorded on the field boring or test pit log for each sample.

The monitoring instruments will be calibrated each day to the manufacturer's standard for instrument operation. A photoionization detector (PID) equipped with a 10.6 or higher electron volt (eV) lamp or a combustible gas indicator may be used for VOC field screening. Field screening results may be site- and boring-specific and the results may vary with instrument type, the media screened, weather conditions, moisture content, soil type, and type of contaminant, therefore, all conditions capable of influencing the results of field screening will be recorded on the field logs.

Discrete soil samples will be retained for laboratory analyses from within the following intervals:

- 0.0-0.5 feet (at all soil borings);
- 2.0-2.5 feet or the top of native soil if identifiable (at all soil borings);
- > 2.0 feet (from the interval in each soil boring with the greatest apparent degree of contamination, based on field observations and field screening);
- From the bottom of each borehole (all soil borings);
- From the 0.5 foot interval at the top of saturation (applicable only to borings that reach saturation); and
- Any additional intervals as determined based on field screening results.

The physical characteristics of the samples (such as mineralogy, ASTM soil classification, moisture content, texture, color, presence of stains or odors, and/or field screening results), depth where each sample was obtained, method of sample collection, and other observations will be recorded in the field log by a qualified geologist or engineer. Detailed logs of each boring will be completed in the field by a qualified engineer or geologist. Additional information, such as the presence of water-bearing zones and any unusual or noticeable conditions encountered during drilling, will be recorded on the logs.

Quality Assurance/Quality Control (QA/QC) samples will be collected to monitor the validity of the soil sample collection procedures as follows:

- Field duplicates will be collected at a rate of 10 percent with a minimum of one field duplicate added; and
- Equipment blanks will be collected from all sampling apparatus at a frequency of one per day.

4.2.1 Drilling Activities

Due to potential physical access limitations and high traffic concerns, the soil borings may be completed using hand augers or a geo-probe using a macrocore for shallow intervals, converting to dual tube for deeper intervals. Both soil and groundwater samples can be collected using the dual tube technology. Alternatively, hollow-stem augers may be used instead. The new permanent well will be installed using hollow-stem augers. The drilling equipment will be properly decontaminated before drilling each boring. The NMED will be notified as early as practicable if conditions arise or are encountered that do not allow the advancement of borings to the specified depths or at planned sampling locations. Appropriate actions (e.g., installation of protective surface casing or relocation of borings to a less threatening location) will be taken to minimize any negative impacts from investigative borings. Slotted (0.01 inch) PVC well screen will be placed at the bottom of the borings at the permanent well and will extend up to 20 feet in length to ensure the water level falls within the screened interval. A 10/20 sand filter pack will be installed to a minimum of one foot over the top of the well screen.

4.3 Groundwater Sample Collection

Groundwater samples shall initially be obtained from newly installed monitoring wells between ten and 30 days after completion of well development. Well development and purging prior to sample collection will be in accordance with procedures described in Appendix C. Prior to collection of groundwater samples for laboratory analyses, the fluid levels and the total depths of each well will be measured.

Groundwater samples will be collected from the new monitoring wells within 24 hours of the completion of well purging using disposal bailers. Alternatively, well sampling may also be conducted in accordance with the NMED's Position Paper *Use of Low-Flow and other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring* (October 30, 2001, as updated). Sample collection methods will be documented in the field monitoring reports. The samples will be transferred to the appropriate, clean, laboratory-prepared containers provided by the analytical

laboratory. Sample handling and chain-of-custody procedures will be in accordance with the procedures presented below in Section 4.3.1~~4.4.1~~.

Groundwater samples intended for metals analysis will be submitted to the laboratory as both total and dissolved metals samples. QA/QC samples will be collected to monitor the validity of the groundwater sample collection procedures as follows:

- Field duplicate water samples will be obtained at a frequency of ten percent, with a minimum, of one duplicate sample per sampling event;
- Equipment rinsate blanks will be obtained for chemical analysis at the rate of ten percent or a minimum of one rinsate blank per sampling day. Equipment rinsate blanks will be collected at a rate of one per sampling day if disposable sampling equipment is used. Rinsate samples will be generated by rinsing deionized water through unused or decontaminated sampling equipment. The rinsate sample will be placed in the appropriate sample container and submitted with the groundwater samples to the analytical laboratory for the appropriate analyses; and
- Trip blanks will accompany laboratory sample bottles and shipping and storage containers intended for VOC analyses. Trip blanks will consist of a sample of analyte-free deionized water prepared by the laboratory and placed in an appropriate sample container. The trip blank will be prepared by the analytical laboratory prior to the sampling event and will be kept with the shipping containers and placed with other water samples obtained from the site each day. Trip blanks will be analyzed at a frequency of one for each shipping container of groundwater samples to be analyzed for VOCs.

4.3.1 Sample Handling

At a minimum, the following procedures will be used at all times when collecting samples during investigation, corrective action, and monitoring activities:

1. Neoprene, nitrile, or other protective gloves will be worn when collecting samples. New disposable gloves will be used to collect each sample;
2. All samples collected of each medium for chemical analysis will be directly transferred from the sample retrieval device (e.g., macrocore, dual tube, split-spoon, hand auger, etc.) into clean sample containers supplied by the project analytical laboratory with the exception of soil, rock, and sediment samples obtained in Encore® samplers following EPA Method 5035. Sample container volumes and preservation methods will be in

accordance with the most recent standard EPA and industry accepted practices for use by accredited analytical laboratories. Sufficient sample volume will be obtained for the laboratory to complete the method-specific QC analyses on a laboratory-batch basis; and

3. Sample labels and documentation will be completed for each sample following procedures discussed below. Immediately after the samples are collected, they will be stored in a cooler with ice or other appropriate storage method until they are delivered to the analytical laboratory. Standard chain-of-custody procedures, as described below, will be followed for all samples collected. All samples will be submitted to the laboratory soon enough to allow the laboratory to conduct the analyses within the method holding times.

Chain-of-custody and shipment procedures will include the following:

1. Chain-of-custody forms will be completed at the end of each sampling day, prior to the transfer of samples off site.
2. Individual sample containers will be packed to prevent breakage and transported in a sealed cooler with ice or other suitable coolant or other EPA or industry-wide accepted method. The drainage hole at the bottom of the cooler will be sealed and secured in case of sample container leakage. Temperature blanks will be included with each shipping container.
3. Each cooler or other container will be delivered directly to the analytical laboratory.
4. Glass bottles will be separated in the shipping container by cushioning material to prevent breakage.
5. Plastic containers will be protected from possible puncture during shipping using cushioning material.
6. The chain-of-custody form and sample request form will be shipped inside the sealed storage container to be delivered to the laboratory.
7. Chain-of-custody seals will be used to seal the sample-shipping container in conformance with EPA protocol.
8. Signed and dated chain-of-custody seals will be applied to each cooler prior to transport of samples from the site.
9. Upon receipt of the samples at the laboratory, the custody seals will be broken, the chain-of-custody form will be signed as received by the laboratory, and the conditions of the

samples will be recorded on the form. The original chain-of-custody form will remain with the laboratory and copies will be returned to the relinquishing party.

10. Copies of all chain-of-custody forms generated as part of sampling activities will be maintained on-site.

4.4 Collection and Management of Investigation Derived Waste

Drill cuttings, excess sample material and decontamination fluids, and all other investigation derived waste (IDW) associated with soil borings will be contained and characterized using methods based on the boring location, boring depth, drilling method, and type of contaminants suspected or encountered. All purged groundwater and decontamination water will be characterized prior to disposal unless it is disposed in the refinery wastewater treatment system upstream of the API Separator. An IDW management plan is included as Appendix B.

Field equipment requiring calibration will be calibrated to known standards, in accordance with the manufacturers' recommended schedules and procedures. At a minimum, calibration checks will be conducted daily, or at other intervals approved by the Department, and the instruments will be recalibrated, if necessary. Calibration measurements will be recorded in the daily field logs. If field equipment becomes inoperable, its use will be discontinued until the necessary repairs are made. In the interim, a properly calibrated replacement instrument will be used.

4.5 Documentation of Field Activities

Daily field activities, including observations and field procedures, will be recorded in a field log book. Copies of the completed forms will be maintained in a bound and sequentially numbered field file for reference during field activities. Indelible ink will be used to record all field activities. Photographic documentation of field activities will be performed, as appropriate. The daily record of field activities will include the following:

1. Site or unit designation;
2. Date;
3. Time of arrival and departure;
4. Field investigation team members including subcontractors and visitors;
5. Weather conditions;
6. Daily activities and times conducted;
7. Observations;

8. Record of samples collected with sample designations and locations specified;
9. Photographic log, as appropriate;
10. Field monitoring data, including health and safety monitoring;
11. Equipment used and calibration records, if appropriate;
12. List of additional data sheets and maps completed;
13. An inventory of the waste generated and the method of storage or disposal; and
14. Signature of personnel completing the field record.

4.6 Chemical Analyses

All samples collected for laboratory analysis will be submitted to an accredited laboratory. The laboratory will use the most recent standard EPA and industry-accepted analytical methods for target analytes as the testing methods for each medium sampled. Chemical analyses will be performed in accordance with the most recent EPA standard analytical methodologies and extraction methods.

Groundwater and soil samples will be analyzed by the following methods:

- SW-846 Method 8260 for volatile organic compounds;
- SW-846 Method 8270 for semi-volatile organic compounds; ~~and~~
- SW-846 Method 8015B gasoline range (C5-C10), diesel range (>C10-C28), and motor oil range (>C28-C36) organics;
- EPA Method 8011 for 1,2-dichloroethane (EDB); and
- EPA Method 8270 Selected Ion Monitoring (SIM) for 1,4-dioxane.~~.~~

Groundwater and soil samples will also be analyzed for the following Skinner List metals and iron and manganese using the indicated analytical methods shown. The groundwater samples collected for metals analysis will be analyzed for total and dissolved concentrations. Groundwater samples will also be analyzed for major anions (e.g., carbonate, bicarbonate, sulfate, fluoride and chloride). Nitrate analysis will be conducted by an off-site laboratory.

Inorganic Analytical Methods

Analyte	Analytical Method
Antimony	SW-846 method 6010/6020
Arsenic	SW-846 method 6010/6020
Barium	SW-846 method 6010/6020

Beryllium	SW-846 method 6010/6020
Cadmium	SW-846 method 6010/6020
Chromium	SW-846 method 6010/6020
Cobalt	SW-846 method 6010/6020
Cyanide	SW-846 method 335.4/335.2 mod
Lead	SW-846 method 6010/6020
Mercury	SW-846 method 7470/7471
Nickel	SW-846 method 6010/6020
Selenium	SW-846 method 6010/6020
Silver	SW-846 method 6010/6020
Vanadium	SW-846 method 6010/6020
Zinc	SW-846 method 6010/6020
Iron	SW-846 method 6010/6020
Manganese	SW-846 method 6010/6020
Nitrite	EPA method 300.0
Nitrate	EPA method 300.0

Groundwater field measurements will be obtained for pH, specific conductance, dissolved oxygen concentrations, oxidation-reduction potential, turbidity, and temperature.

4.7 Data Quality Objectives

The Data Quality Objectives (DQOs) were developed to ensure that newly collected data are of sufficient quality and quantity to address the project goals, including Quality Assurance/Quality Control (QA/QC) issues (EPA, 2006). The project goals are established to determine and evaluate the presence, nature, and extent of releases of contaminants at specified SWMUs. The type of data required to meet the project goals includes chemical analyses of soil and groundwater to determine if there has been a release of contaminants.

The quantity of data is location specific and is based on the historical operations at individual locations. Method detection limits should be 20% or less of the applicable background levels, cleanup standards and screening levels. The method detection limit of TPH-MRO is 72 µg/L. This is greater than 20% or less of the applicable background level of 85.5 µg/L. The analytical data will undergo a Tier 2 data validation and the validation will verify the validity of the data.

Additional DQOs include precision, accuracy, representativeness, completeness, and comparability. Precision is a measurement of the reproducibility of measurements under a given set of circumstances and is commonly stated in terms of standard deviation or coefficient of variation (EPA, 1987). Precision is also specific to sampling activities and analytical performance. Sampling precision will be evaluated through the analyses of duplicate field samples and laboratory replicates will be utilized to assess laboratory precision.

Accuracy is a measurement in the bias of a measurement system and may include many sources of potential error, including the sampling process, field contamination, preservation, handling, sample matrix, sample preparation, and analysis techniques (EPA, 1987). An evaluation of the accuracy will be performed by reviewing the results of field/trip blanks, matrix spikes, and laboratory QC samples.

Representativeness is an expression of the degree to which the data accurately and precisely represent the true environmental conditions. Sample locations and the number of samples have been selected to ensure the data is representative of actual environmental conditions. Based on SWMU specific conditions, this may include either biased (i.e., judgmental) locations/depths or unbiased (systematic grid samples) locations. In addition, sample collection techniques (e.g., field monitoring and decontamination of sampling equipment) will be utilized to help ensure representative results.

Completeness is defined as the percentage of measurements taken that are actually valid measurements, considering field QA and laboratory QC problems. EPA Contract Laboratory Program (CLP) data has been found to be 80-85% complete on a nationwide basis and this has been extrapolated to indicate that Level III, IV, and V analytical techniques will generate data that are approximately 80% complete (EPA, 1987). As an overall project goal, the completeness goal is 85%; however, some samples may be critical based on location or field screening results and thus a sample-by-sample evaluation will be performed to determine if the completeness goals have been obtained.

Comparability is a qualitative parameter, which expresses the confidence with which one data set can be compared to another. Industry standard sample collection techniques and routine EPA analytical methods will be utilized to help ensure data are comparable to historical and future data. Analytical results will be reported in appropriate units for comparison to historical data and cleanup levels.

Section 5
References

DiSorbo, 2016, Interim Measures Report Hydrocarbon Seep Area, Western Refining Gallup Refinery, p. 15.

EPA, 1987, Data Quality Objectives for Remedial Response Activities; United States Environmental Protection Agency, Office of Emergency and Remedial Response and Office of Waste Programs Enforcement, OSWER Directive 9355.0-7B, 85p.

EPA, 2006, Guidance on Systematic Planning Using the Data Quality Objectives Process, United States Environmental Protection Agency, Office of Environmental Information; EPA/240/B-06/001, p. 111.

Giant Refining Company, 1997, Comprehensive Facility Investigation Work Plan (Stage 1 Abatement Plan), Giant Refining Company Ciniza Refinery, p. 7.

NMED, 2019, Risk Assessment Guidance for Site Investigation and Remediation, New Mexico Environment Department.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizel, N.H., and Padgett, E.T., 1983, Hydrogeology and Water Resources of San Juan Basin, New Mexico; Hydrogeologic Report 6, New Mexico Bureau of Mines and Mineral Resources, p. 70.

Western, 2009, Facility-wide Groundwater Monitoring Plan: Gallup Refinery, p. 97.

Tables

Table 1 Fluid Levels

Table 2 Groundwater Analytical Summary

Table 3 Marketing Tanks Records

Figures

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Figure 2 AOC 35 Map
Figure 3a Potentiometric Surface Map (Third Quarter 2019)
Figure 3b Potentiometric Surface Map (First Quarter 2020)
Figure 4a Benzene Concentration Map (Third Quarter 2019)
Figure 4b Benzene Concentration Map (First Quarter 2020)
Figure 5a MTBE Concentration Map (Third Quarter 2019)
Figure 5b MTBE Concentration Map (First Quarter 2020)
Figure 6a SPH Thickness Map (Third Quarter 2019)
Figure 6b SPH Thickness Map (First Quarter 2020)
Figure 7~~6~~ Proposed Sampling Locations

Appendix A

Boring Logs

Appendix B

Investigation Derived Waste Management Plan

Investigation Derived Waste (IDW) Management Plan

All IDW will be properly characterized and disposed of in accordance with all federal, State, and local rules and regulations for storage, labeling, handling, transport, and disposal of waste. The IDW may be characterized for disposal based on the known or suspected contaminants potentially present in the waste.

A dedicated decontamination area will be setup prior to any sample collection activities. The decontamination pad will be constructed so as to capture and contain all decontamination fluids (e.g., wash water and rinse water) and foreign materials washed off the sampling equipment. The fluids will be pumped directly into suitable storage containers (e.g., labeled 55-gallon drums), which will be located at satellite accumulation areas until the fluids are disposed in the refinery wastewater treatment system upstream of the API separator. The solids captured in the decontamination pad will be shoveled into 55-gallon drums and stored at the designated satellite accumulation area pending proper waste characterization for off-site disposal.

Drill cuttings generated during installation of soil borings will be placed directly into 55-gallon drums and staged in the satellite accumulation area pending results of the waste characterization sampling. The portion of soil cores, which are not retained for analytical testing, will be placed into the same 55-gallon drums used to store the associated drill cuttings.

The solids (e.g., drill cuttings and used soil cores) will be characterized by testing to determine if there are any hazardous characteristics in accordance with 40 Code of Federal Regulations (CFR) Part 261. This includes tests for ignitability, corrosivity, reactivity, and toxicity. If the materials are not characteristically hazardous, then further testing will be performed pursuant to the requirements of the facility to which the materials will be transported. Depending upon the results of analyses for individual investigation soil samples, additional analyses may include VOCs, TPH and polynuclear aromatic hydrocarbons (PAHs).

Appendix C

Well Development and Purging Procedures

Appendix D

C-141 Form – Gasoline Release

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 19489

COMMENTS

Operator:	OGRID:	Action Number:	Action Type:
WESTERN REFINING SOUTHWEST, IN 6700 Jefferson NE, Suite A-1 Albuquerque, NM87109	705791	19489	DISCHARGE PERMIT

Created By	Comment	Comment Date
cchavez	Permittee AOC 35 RTC WP 1-4-2021.	03/02/2021

District I
1625 N. French Dr., Hobbs, NM 88240
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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 19489

CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
WESTERN REFINING SOUTHWEST, IN NM87109	6700 Jefferson NE, Suite A-1	Albuquerque,	705791	19489	DISCHARGE PERMIT

OCD Reviewer	Condition
cchavez	None