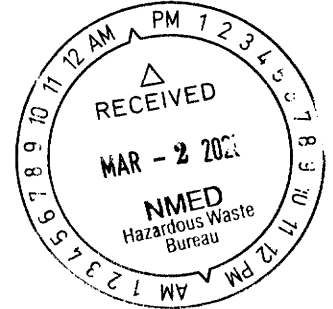




**Marathon  
Petroleum Company LP**

February 25, 2020

Mr. Kevin Pierard, Chief  
New Mexico Environmental Department  
2905 Rodeo Park Drive East, Bldg. 1  
Santa Fe, NM 87505-6303



**RE: Response to Approval with Modifications  
Facility Wide Ground Water Monitoring Work Plan – Updates for 2019  
Marathon Petroleum Company LP, Gallup Refinery  
(dba Western Refining Southwest, Inc.)  
EPA ID# NMD000333211  
HWB-WRG-19-012**

Dear Mr. Pierard:

Marathon Petroleum Company LP (dba Western Refining Southwest, Inc.) Gallup Refinery is submitting the enclosed responses to your comments dated November 15, 2019 on the referenced Work Plan. You will also find enclosed the revised page for Section 2.4.1.3, a redline copy of same, and the requested table with screening levels compared to MDLs. If there are any questions, please call Brain Moore at 505-726-9745.

**Certification**

*I certify under penalty of law that this document and all attachments were prepared under my direction or 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

Enclosure

cc D. Cobrain NMED  
C. Chavez NMOCD  
B. Moore Marathon Gallup Refinery

**RESPONSE TO COMMENTS**  
**November 15, 2019 Approval with Modifications**  
**Facility Wide Ground Water Monitoring Work Plan**  
**(September 2019)**

**NMED Comment 1:**

The Permittee's response to NMED's Comment 4 states, "[d]ue to a leak in the pipeline that went to EP-2, the flow has been temporality diverted to EP-9." Comment 3 in NMED's *Response to Comments Approval - Hydrocarbon Seep Interim Measures 2019 Second Quarter Status Report*, dated September 20, 2019 states, "[c]larify whether the Permittee currently has an approval from New Mexico Department of Energy, Minerals, and Natural Resources (EMNRD) Oil Conservation Division (OCD) to use evaporation ponds (e.g., EP-9) for the discharge of the RO reject water. Additionally, it is not clear whether EMNRD OCD has agreed to the direct discharge of the RO reject water to Pond STP-1 because [the] wastewater treatment process associated with Pond STP-1 does not reduce the concentrations of constituents (e.g., chloride and sulfate) in the RO reject water. Clarify whether the Permittee has an approval from EMNRD OCD to route the RO reject water to Pond STP-1." The Permittee was required to submit a response letter to address the comment no later than **November 1, 2019**. This comment serves as a reminder.

**MPC Response 1:**

The comment is acknowledged and this was previously addressed in a letter dated November 12, 2019, which responded to NMED's comments on the Hydrocarbon Seep Interim Measures 2019 Second Quarter Status Report.

**NMED Comment 2:**

The Permittee's response to NMED's Comment 8 states, "[t]he Work Plan is not the proper document to summarize all of the detections in water samples that are collected pursuant to the Work Plan. This is done in the Annual Ground Water Monitoring Reports." It is appropriate to summarize detections in the Work Plan in order to evaluate proposed changes to the groundwater monitoring and sampling plan. When changes are proposed, present all data pertinent to the proposed changes. No response required.

**MPC Response 2:**

The comment is acknowledged.

**NMED Comment 3:**

The Permittee's response to NMED's Comment 12 states, "[t]he top of the Sonsela should be higher at OW-11 than at OW-63, not lower." Well OW-63 is located more than 500 feet east of well OW-11. Therefore, it is possible that the top of the Sonsela at OW-11 is lower than at OW-63 because it is dipping to the west/northwest. The Permittee further states, "[t]he water level elevation measured in OW-63 is generally consistent with that of surrounding wells ... " Since the water level elevations in the Sonsela and Chinle/Alluvium Interface are known to be notably different, a consistent water level measured in well OW-63 in comparison to that of the surrounding wells screened to the Chinle/Alluvium Interface indicates that well OW-63 is not screened within the Sonsela. Therefore, the well is not required to be replaced. No response required.

**MPC Response 3:**

The comment is acknowledged.

**NMED Comment 4:**

The Permittee's response to NMED's Comment 13 states, "[t]he discussion in Section 2.4.4 (page 15) is revised to refer to SPH." Since separate phase hydrocarbons (SPH) were detected during the third quarter of 2015, Section 2.4.1.3 that states, "[a] measurable level of SPH was identified in GWM-1 during the fourth quarter sampling event in 2015 through November 2018," must be revised for consistency. Revise the statement and provide a replacement page.

**MPC Response 4:**

The reference to the "fourth quarter sampling event in 2015" in Section 2.4.1.3 has been revised to refer to the "third quarter sampling event in 2015." The replacement page is enclosed.

**NMED Comment 5:**

The Permittee's response to NMED's Comment 17 states, "[t]he comment is acknowledged." Comment 17 states, "[s]ubmit the report summarizing the results of the inspection and repair of the NAPIS or submit an extension request." The Permittee's response to Comment 6 in the *Disapproval 2017 Annual Groundwater Monitoring Report*, dated July 5, 2019 states, "[t]he Gallup Refinery's wastewater treatment system will undergo a major upgrade. Although the exact date of the upgrade has not been established, the Gallup Refinery is on the MPC list of priority sites. Additionally, MPC has made the NMED aware of these plans and has shared the draft design information with the NMED. MPC will keep the NMED informed of the progress of this project." The Permittee's response to NMED's Comment 17 should have referenced the above response for clarity. Unless the plans for the upgrade are changed or canceled, the NAPIS report will not be required at this time.

**MPC Response 5:**

The comment is acknowledged and the plan for the upgrade has not been changed or canceled.

**NMED Comment 6:**

The Permittee's response to NMED's Comment 19 states, "(t]he requested table [that presents applicable screening levels and detection limits for the constituents of concern] is enclosed." However, the table is not provided in the Work Plan; submit the table no later than February 28, 2020.

**MPC Response 6:**

The requested table is enclosed.

with an addition of one pre-existing well, which has been labeled as MKTF-45, and is located in the vicinity of the site investigation. SPH has been measured in Marketing Tank Farm (MKTF) wells located west and northwest of the truck loading rack and marketing tank farm, extending northwest to the location of the hydrocarbon seep. The Gallup Refinery continues to further characterize potential source areas, recovery of liquids from the temporary sumps, and continued sampling of the monitoring wells for characterization and delineation purposes. All 45 wells were added to the Ground Water Monitoring Schedule (see Appendix B).

Additional soil staining was observed north, northwest of the sumps and these sites were excavated of approximately 38.26 tons of soil, which was sent to the Painted Desert Landfill for disposal.

Temporary retention ditches were installed to recover liquids from this area. From April 1, 2016 through December 31, 2018, approximately 611,530 gallons of liquid (hydrocarbon and ground water) have been recovered from this area via vacuum truck.

#### RECOVERY WELLS

MKTF-01 THRU MKTF-45

#### **2.4.1.3 Aeration Basin**

A measurable level of SPH was identified in GWM-1 during the third quarter sampling event in 2015.

#### **2.4.1.4 French Drain Release**

On February 6, 2018 a mixture of hydrocarbon and water was discovered flowing out of a 4-inch diameter PVC pipe that discharges into a stormwater drainage ditch south of STP-1. Sample analysis indicated the hydrocarbon was naphtha. The flow from the pipe was estimated to be 1.7 gallons per minute. The drainage ditch feeds into a small collection pond that is equipped with a drain valve. The valve was closed and no hydrocarbon was discharged from the pond. A catch basin was installed at the discharge point of the PVC pipe. Site personnel utilized a vacuum truck to transfer the discharge back into the Gallup Refinery.



with an addition of one pre-existing well, which has been labeled as MKTF-45, and is located in the vicinity of the site investigation. SPH has been measured in Marketing Tank Farm (MKTF) wells located west and northwest of the truck loading rack and marketing tank farm, extending northwest to the location of the hydrocarbon seep. The Gallup Refinery continues to further characterize potential source areas, recovery of liquids from the temporary sumps, and continued sampling of the monitoring wells for characterization and delineation purposes. All 45 wells were added to the Ground Water Monitoring Schedule (see Appendix B).

Additional soil staining was observed north, northwest of the sumps and these sites were excavated of approximately 38.26 tons of soil, which was sent to the Painted Desert Landfill for disposal.

Temporary retention ditches were installed to recover liquids from this area. From April 1, 2016 through December 31, 2018, approximately 611,530 gallons of liquid (hydrocarbon and ground water) have been recovered from this area via vacuum truck.

#### RECOVERY WELLS

MKTF-01 THRU MKTF-45

#### 2.4.1.3 Aeration Basin

A measurable level of SPH was identified in GWM-1 during the ~~third~~fourth quarter sampling event in 2015.

#### 2.4.1.4 French Drain Release

On February 6, 2018 a mixture of hydrocarbon and water was discovered flowing out of a 4-inch diameter PVC pipe that discharges into a stormwater drainage ditch south of STP-1. Sample analysis indicated the hydrocarbon was naphtha. The flow from the pipe was estimated to be 1.7 gallons per minute. The drainage ditch feeds into a small collection pond that is equipped with a drain valve. The valve was closed and no hydrocarbon was discharged from the pond. A catch basin was installed at the discharge point of the PVC pipe. Site personnel utilized a vacuum truck to transfer the discharge back into the Gallup Refinery.

**Groundwater Screening Levels vs. Method Detection Limits**  
**Marathon Petroleum Company - Gallup Refinery**  
**Gallup, New Mexico**

	New Mexico WQCC Standards	NMED Tap Water	NMED TapW_key	EPA Screening Levels.Tap Water	EPA TapW_key	MCL	MDL	Analytical Method
<b>Metals (ug/l) TOTAL</b>								
Antimony	6	7.26E+00	n	7.80	n	6	0.39	E200.8
Arsenic	10	8.55E-01	c	0.05	c	10	0.31	E200.8
Barium	2000	3.28E+03	n	3800	n	2000	0.65	E200.8
Beryllium	4	1.24E+01	n	25	n	4	0.28	E200.8
Cadmium	5	6.24E+00	n	9.20	n	5	0.74	E200.7
Chromium	50	5.70E+00	c	22000	n	100	1.53	E200.7
Cobalt	50	5.98E+00	n	6	n	-	3.09	E200.7
Cyanide	200	1.46	n	1.50	n	200	5.00	4500CN E-2011
Iron	1000	1.38E+04	n	14000	n	-	8.75	E200.7
Lead	15	-	-	15	L	15	0.05	E200.7
Manganese	200	2.02E+03	n	430	n	-	0.29	E200.8
Mercury	2	6.26E-01	n	0.63	n	2	0.04	E200.7
Nickel	-	3.72E+02	n	200	n	-	4.01	E200.7
Selenium	50	9.87E+01	n	100	n	50	0.48	E200.8
Silver	50	8.12E+01	n	94	n	-	1.42	E200.7
Vanadium	-	6.31E+01	n	86	n	-	1.30	E200.7
Zinc	10000	5.96E+03	n	6000	n	-	5.77	E200.7
Chloride	250000	-	-	-	-	-	62.50	E300
Fluoride	1600	1.18E+03	n	800	n	-	50.00	E300
Sulfate	600000	-	-	-	-	-	53.50	E300
<b>Metals (ug/l) DISSOLVED</b>								
Antimony (D)	6	7.26E+00	n	7.80	n	6	0.39	E200.8
Arsenic (D)	10	8.55E-01	c	0.05	c	10	0.10	E200.8
Barium (D)	2000	3.28E+03	n	3800	n	2000	0.65	E200.8
Beryllium (D)	4	1.24E+01	n	25	n	4	0.28	E200.8
Cadmium (D)	5	6.24E+00	n	9.20	n	5	0.55	E200.7
Chromium (D)	50	5.70E+00	c	22000	n	100	1.53	E200.7
Cobalt (D)	50	5.98E+00	n	6	n	-	3.09	E200.7
Iron (D)	1000	1.38E+04	n	14000	L	-	8.75	E200.7
Lead (D)	15	-	-	15	n	15	0.05	E200.8
Manganese (D)	200	2.02E+03	n	430	n	-	0.29	E200.7
Nickel (D)	-	3.72E+02	n	200	n	-	4.01	E200.7
Selenium (D)	50	9.87E+01	n	100	n	50	0.17	E200.8
Silver (D)	50	8.12E+01	n	94	n	-	0.94	E200.7
Vanadium (D)	-	6.31E+01	n	86	n	-	1.30	E200.7
Zinc (D)	10000	5.96E+03	n	6000	n	-	2.25	E200.7
<b>Volatiles (ug/l)</b>								
1,1,1,2-Tetrachloroethane	-	5.74E+00	c	5.70E-01	c	-	0.21	8260
1,1,1-Trichloroethane	200	8.00E+03	n	8.00E+03	n	200	0.17	8260
1,1,2,2-Tetrachloroethane	10	7.57E-01	c	7.60E-02	c	-	0.55	8260
1,1,2-Trichloroethane	5	4.15E-01	c	2.80E-01	c**	5	0.22	8260
1,1-Dichloroethane	25	2.75E+01	c	2.80E+00	c	-	0.14	8260
1,1-Dichloroethene	7	2.84E+02	n	2.80E+02	n	7	0.21	8260
1,1-Dichloropropene	-	-	-	-	-	-	0.16	8260
1,2,3-Trichlorobenzene	-	-	-	7.00E+00	n	-	0.30	8260
1,2,4-Trichlorobenzene (V)	70	3.98E+00	n	1.20E+00	c**	70	0.20	8260
1,2,4-Trimethylbenzene	-	-	-	5.60E+01	n	-	0.21	8260
1,2-Dibromoethane (EDB)	0.05	7.47E-02	c	7.50E-03	c	0.05	0.0049	8011
1,2-Dichlorobenzene (V)	600	3.02E+02	n	3.00E+02	n	600	0.30	8260
1,2-Dichloroethane (EDC)	5	1.71E+00	c	1.70E-01	c*	5	0.19	8260

**Groundwater Screening Levels vs. Method Detection Limits**  
**Marathon Petroleum Company - Gallup Refinery**  
**Gallup, New Mexico**

	New Mexico WQCC Standards	NMED Tap Water	NMED TapW_key	EPA Screening Levels.Tap Water	EPA TapW_key	MCL	MDL	Analytical Method
1,2-Dichloropropane	5	4.38E+00	c	8.50E-01	c*	5	0.21	8260
1,3,5-Trimethylbenzene	-	-	-	6.00E+01	n	-	0.19	8260
1,3-Dichlorobenzene (V)	-	-	-	-	-	-	0.25	8260
1,3-Dichloropropane	-	-	-	3.70E+02	n	-	0.20	8260
1,4-Dichlorobenzene (V)	-	4.82E+00	c	4.80E-01	c	75	0.29	8260
1-Methylnaphthalene (V)	-	1.14E+01	c	1.10E+00	c	-	0.31	8260
2,2-Dichloropropane	-	-	-	-	-	-	0.23	8260
2-Butanone	-	5.56E+03	n	5.60E+03	n	-	2.09	8260
2-Chlorotoluene	-	2.33E+02	-	2.40E+02	n	-	0.25	8260
2-Hexanone	-	-	-	3.80E+01	n	-	1.55	8260
2-Methylnaphthalene (V)	-	3.51E+01	n	3.60E+01	n	-	0.35	8260
4-Chlorotoluene	-	-	-	2.50E+02	n	-	0.23	8260
4-Isopropyltoluene	-	-	-	-	-	-	0.22	8260
4-Methyl-2-pentanone	-	1.24E+03	n	-	-	-	0.71	8260
Acetone	-	1.41E+04	n	1.40E+04	n	-	1.20	8260
Benzene	5	4.55E+00	c	4.60E-01	c*	5	0.17	8260
Bromobenzene	-	-	-	6.20E+01	n	-	0.24	8260
Bromodichloromethane	-	1.34E+00	c	1.30E-01	c	-	0.13	8260
Bromoform	-	3.29E+01	c	3.30E+00	c*	-	0.29	8260
Bromomethane	-	7.54E+00	n	7.50E+00	n	-	0.27	8260
Carbon disulfide	-	8.10E+02	n	8.10E+02	n	-	0.45	8260
Carbon Tetrachloride	5	4.55E+00	c	4.60E-01	c	5	0.14	8260
Chlorobenzene	-	7.76E+01	n	7.80E+01	n	100	0.19	8260
Chloroethane	-	2.09E+04	n	-	-	-	0.18	8260
Chloroform	100	2.29E+00	c	2.20E-01	c	-	0.12	8260
Chloromethane	-	2.03E+01	c	1.90E+02	n	-	0.32	8260
cis-1,2-DCE	70	3.65E+01	n	3.60E+01	n	70	0.19	8260
cis-1,3-Dichloropropene	-	4.71E+00	c	4.70E-01	c	-	0.14	8260
Dibromochloromethane	-	1.68E+00	c	8.70E-01	c	-	0.24	8260
Dibromomethane	-	-	-	8.30E+00	n	-	0.21	8260
Dichlorodifluoromethane	-	1.97E+02	n	2.00E+02	n	-	0.26	8260
Ethylbenzene	700	1.50E+01	c	1.50E+00	c	700	0.13	8260
Hexachlorobutadiene (V)	-	1.39E+00	c	1.40E-01	c*	-	0.31	8260
Isopropylbenzene	-	4.47E+02	n	4.50E+02	n	-	0.19	8260
Methyl tert-butyl ether (MTBE)	100	1.43E+02	c	1.40E+01	c	-	0.46	8260
Methylene Chloride	5	1.18E+02	c	1.10E+01	c**	5	0.15	8260
Naphthalene (V)	30	1.65E+00	c	1.70E-01	c*	-	0.28	8260
n-Butylbenzene	-	-	-	1.00E+03	-	-	0.23	8260
n-Propylbenzene	-	-	-	6.60E+02	-	-	0.21	8260
sec-Butylbenzene	-	-	-	2.00E+03	-	-	0.25	8260
Styrene	100	1.21E+03	n	1.20E+03	n	100	0.19	8260
tert-Butylbenzene	-	-	-	-	-	-	0.21	8260
Tetrachloroethene (PCE)	5	1.13E+02	c	1.10E+01	c**	5	0.15	8260
Toluene	1000	1.09E+03	n	1.10E+03	n	1000	0.35	8260
trans-1,2-DCE	100	9.32E+01	n	3.60E+02	n	100	0.18	8260
trans-1,3-Dichloropropene	-	4.71E+00	c	4.70E-01	c*	-	0.17	8260
Trichloroethene (TCE)	5	2.59E+00	c	4.90E-01	c**	5	0.17	8260
Trichlorofluoromethane	-	1.14E+03	n	5.20E+03	n	-	0.19	8260
Vinyl chloride	2	3.24E-01	c	1.90E-02	c	2	0.18	8260
Xylenes, Total	620	1.93E+02	n	1.90E+02	n	10000	0.45	8260
<b>Semivolatiles (ug/l)</b>								

**Groundwater Screening Levels vs. Method Detection Limits**  
**Marathon Petroleum Company - Gallup Refinery**  
**Gallup, New Mexico**

	New Mexico WQCC Standards	NMED Tap Water	NMED TapW_key	EPA Screening Levels.Tap Water	EPA TapW_key	MCL	MDL	Analytical Method
1,2,4-Trichlorobenzene	-	1.15E+01	c	1.20E+00	c	70	4.04	8270
1,2-Dichlorobenzene	600	3.70E+02	n	3.00E+02	n	600	4.77	8270
1,3-Dichlorobenzene	-	-	-	-	-	-	5.27	8270
1,4-Dichlorobenzene	75	4.82E+00	c	4.80E-01	c	75	4.42	8270
1,4-Dioxane	-	4.59E+00	c	4.60E-01	c	-	2.00	8270/8270SIM
1-Methylnaphthalene	-	1.14E+01	c	1.10E+00	c	-	3.07	8270
2,4,5-Trichlorophenol	-	1.17E+03	n	1.20E+03	n	-	2.97	8270
2,4,6-Trichlorophenol	-	1.19E+01	n	4.10E+00	c**	-	2.33	8270
2,4-Dichlorophenol	-	4.53E+01	n	4.60E+01	n	-	2.92	8270
2,4-Dimethylphenol	-	3.54E+02	n	3.60E+02	n	-	2.97	8270
2,4-Dinitrophenol	-	3.87E+01	n	3.90E+01	n	-	2.59	8270
2,4-Dinitrotoluene	-	2.37E+00	c	2.40E-01	c	-	2.00	8270
2,6-Dinitrotoluene	-	4.85E-01	n	4.90E-02	c	-	0.20	8270
2-Chloronaphthalene	-	7.33E+02	n	7.50E+02	n	-	3.07	8270
2-Chlorophenol	-	9.10E+01	n	9.10E+01	n	-	2.69	8270
2-Methylnaphthalene	-	3.51E+01	n	3.60E+01	n	-	3.02	8270
2-Methylphenol	-	-	-	9.30E+02	n	-	2.86	8270
2-Nitroaniline	-	-	-	1.90E+02	n	-	3.17	8270
2-Nitrophenol	-	-	-	-	-	-	2.97	8270
3,3'-Dichlorobenzidine	-	1.25E+00	c	1.30E-01	c	-	1.00	8270
3+4-Methylphenol	-	-	-	9.30E+02	n	-	3.58	8270
3-Nitroaniline	-	-	-	-	-	-	3.24	8270
4,6-Dinitro-2-methylphenol	-	1.52E+00	n	-	-	-	1.00	8270
4-Bromophenyl phenyl ether	-	-	-	-	-	-	3.00	8270
4-Chloro-3-methylphenol	-	-	-	-	-	-	3.41	8270
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	2.44	8270
4-Nitroaniline	-	-	-	3.80E+00	c*	-	2.69	8270
4-Nitrophenol	-	-	-	-	-	-	7.57	8270
Acenaphthene	-	5.35E+02	n	5.30E+02	n	-	2.96	8310
Acenaphthylene	-	-	-	-	-	-	2.40	8310
Aniline	-	-	-	1.30E+01	c*	-	3.58	8270
Anthracene	-	1.72E+03	n	1.80E+03	n	-	2.66	8310
Benz(a)anthracene	-	1.20E-01	c	3.00E-02	c	-	0.10	8310
Benzo(a)pyrene	0.2	2.51E-01	c	2.50E-02	c	0.2	0.10	8310
Benzo(b)fluoranthene	-	3.43E-01	c	2.50E-01	c	-	0.10	8310
Benzo(g,h,i)perylene	-	-	-	-	-	-	2.23	8310
Benzo(k)fluoranthene	-	3.43E+00	c	2.50E+00	c	-	2.88	8310
Benzoic acid	-	-	-	7.50E+04	n	-	10.72	8270
Benzyl alcohol	-	-	-	2.00E+03	n	-	2.36	8270
Bis(2-chloroethoxy)methane	-	-	-	5.90E+01	n	-	2.60	8270
Bis(2-chloroisopropyl)ether	-	9.81E+00	c	-	-	-	3.86	8270
Bis(2-ethylhexyl)phthalate	-	5.56E+01	c	5.60E+00	c*	6	4.30	8270
Butyl benzyl phthalate	-	-	-	1.60E+01	c	-	3.33	8270
Carbazole	-	-	-	-	-	-	2.89	8270
Chrysene	-	3.43E+01	c	2.50E+01	c	-	2.79	8310
Dibenz(a,h)anthracene	-	3.43E-02	c	2.50E-02	c	-	0.03	8310
Dibenzofuran	-	-	-	7.90E+00	n	-	3.19	8270
Diethyl phthalate	-	1.48E+04	n	1.50E+04	n	-	2.87	8270
Dimethyl phthalate	-	6.12E+02	n	-	-	-	3.24	8270
Di-n-butyl phthalate	-	8.85E+02	n	-	-	-	2.71	8270
Di-n-octyl phthalate	-	-	-	-	-	-	3.52	8270



**Groundwater Screening Levels vs. Method Detection Limits  
Marathon Petroleum Company - Gallup Refinery  
Gallup, New Mexico**

	New Mexico WQCC Standards	NMED Tap Water	NMED TapW_key	EPA Screening Levels.Tap Water	EPA TapW_key	MCL	MDL	Analytical Method
Fluoranthene	-	<b>8.02E+02</b>	n	8.00E+02	n	-	2.41	8310
Fluorene	-	<b>2.88E+02</b>	n	2.90E+02	n	-	2.89	8310
Hexachlorobenzene	-	9.76E-02	c	9.80E-03	c	<b>1</b>	1.00	8270
Hexachlorobutadiene	-	<b>1.39E+00</b>	c	1.40E-01	c*	-	1.00	8270
Hexachlorocyclopentadiene	-	4.11E-01	n	4.10E-01	n	<b>50</b>	3.58	8270
Hexachloroethane	-	<b>3.28E+00</b>	c	3.30E-01	c**	-	2.00	8270
Indeno(1,2,3-cd)pyrene	-	<b>3.43E-01</b>	c	2.50E-01	c	-	0.20	8310
Isophorone	-	<b>7.81E+02</b>	c	7.80E+01	c	-	3.05	8270
Naphthalene	-	<b>1.65E+00</b>	c	1.70E-01	c*	-	1.00	8310
Nitrobenzene	-	<b>1.40E+00</b>	c	1.40E-01	c	-	1.00	8270
N-Nitrosodiphenylamine	-	<b>1.22E+02</b>	c	1.20E+01	c	-	2.38	8270
Phenanthrene	-	<b>1.70E+02</b>	n	-	-	-	2.78	8310
Pentachlorophenol	<b>1</b>	4.13E-01	c	4.10E-02	c	<b>1</b>	1.00	8270
Phenol	-	<b>5.76E+03</b>	n	5.80E+03	n	-	8.04	8270
Pyrene	-	<b>1.17E+02</b>	n	1.20E+02	n	-	2.50	8310
Pyridine	-	-	-	<b>2.00E+01</b>	n	-	9.60	8270
<b>TPH (mg/l)</b>								
Gasoline Range Organics (GRO)	-	<b>0.01</b>	-	-	-	-	0.01	8015
Diesel Range Organics (DRO)	-	<b>0.0167</b>	-	-	-	-	0.015	8015
Motor Oil Range Organics (MRO)	-	<b>0.0858</b>	-	-	-	-	<b>5</b>	8015

- No screening level available

Bolded value represents applicable screening level for comparison to MDLs

EPA - Regional Screening Levels (Nov. 2018) -Tap Water

EPA - Regional Screening Levels (Nov. 2018) - MCL

NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3101 Standards for Ground Water of 10,000 mg/l TDS Concentration or less (Dec. 2018)

NMED Tap Water Screening Level - Risk Assessment Guidance for Site Investigations and Remediation (March 2019)

MDL - method detection limit

**5** bolded MDL indicates value is greater than screening level