

# Appendix D

## Field Sampling Forms, Fourth Quarter 2025

For additional help with the information provided in Appendix D, please contact Erin Somers, Arcadis Report Lead, at 905-807-6126.

**Location ID:** MW-50-095    **Date(s):** 2025-12-17    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Clear    **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 85.00-95.00    **Casing Diameter (in):** 2.00    **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 43.44    **Total Depth (ft-bmp):** 96.45    **Water Column(ft):** 53.01    **Liters in Well:** 32.75

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 94    **Purge Method:** Low Flow    **Purging Equipment:** Submersible Pump

**Purge Start Time:** 15:41    **Total Volume Purged (liters):** 4.5    **Sample ID:** MW-50-095-Q425    **Sample Time:** 15:57

**Purge End Time:** 15:56    **Well Volumes Purged (total):** 0.14    **Replicate Type / Replicate ID:** Equipment Blank / EB-760-Q425    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:41	0	300	mL/min	43.44	7.29	3.39	1.036	5801	19	2.69	20.9	199.3	Clear	No Odor
15:44	3	300	mL/min	43.44	7.17	3.23	3.674	5689	14	1.64	22.1	191.1	Clear	No Odor
15:47	6	300	mL/min	43.45	7.23	3.32	3.958	5806	14	1.62	22.2	188.2	Clear	No Odor
15:50	9	300	mL/min	43.46	7.29	3.37	4.01	5925	14	1.49	23	187.4	Clear	No Odor
15:53	12	300	mL/min	43.48	7.28	3.37	4.03	5922	14	1.52	23.1	185.1	Clear	No Odor
15:56	15	300	mL/min	43.49	7.29	3.37	4.032	5924	14	1.54	23.1	185.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-67-185   
 **Date(s):** 2025-12-17   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:19.83 °C, rH:25%, Clouds: 0%, Wind:1.54m/s N   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 177.00-187.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 171.89   
 **Total Depth (ft-bmp):** 186.72   
 **Water Column(ft):** 14.83   
 **Liters in Well:** 9.16

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 182   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:20   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-67-185-Q425   
 **Sample Time:** 12:36

**Purge End Time:** 12:35   
 **Well Volumes Purged (total):** 0.82   
 **Replicate Type / Replicate ID:** MS/MSD / MW-67-185-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:23	0	500	mL/min	171.90	7.79	2.47	3.02	4646	18	0.93	28	137.5	Clear	No Odor
12:26	3	500	mL/min	171.90	7.79	2.46	3	4627	17	0.88	27.9	137	Clear	No Odor
12:29	6	500	mL/min	171.90	7.79	2.46	3	4616	16	0.85	28	136.6	Clear	No Odor
12:32	9	500	mL/min	171.90	7.8	2.45	2.99	4612	16	0.83	28	136.1	Clear	No Odor
12:35	12	500	mL/min	171.90	7.79	2.45	2.99	4610	16	0.82	28.1	135.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

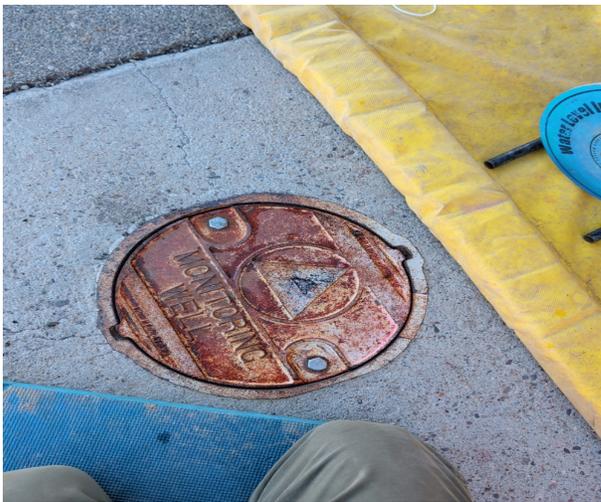
mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-50-200   
 **Date(s):** 2025-12-17   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 190.00-200.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 43.5   
 **Total Depth (ft-bmp):** 203.54   
 **Water Column(ft):** 160.04   
 **Liters in Well:** 98.87

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 201   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 14:54   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-50-200-Q425   
 **Sample Time:** 15:10

**Purge End Time:** 15:09   
 **Well Volumes Purged (total):** 0.05   
 **Replicate Type / Replicate ID:** Duplicate / MW-914-Q425 MS/MSD / MW-50-200-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P, YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:54	0	300	mL/min	43.50	7.45	7.72	8.69	12625	10	1.8	22.4	144.2	Clear	No Odor
14:57	3	300	mL/min	43.50	7.28	7.91	8.885	13152	10	1.09	23.1	141	Clear	No Odor
15:00	6	300	mL/min	43.51	7.25	7.98	8.97	13395	10	0.76	23.5	137.6	Clear	No Odor
15:03	9	300	mL/min	43.52	7.27	8	8.983	13264	10	0.6	22.9	132.1	Clear	No Odor
15:06	12	300	mL/min	43.53	7.28	8	8.981	13262	10	0.62	22.8	132.9	Clear	No Odor
15:09	15	300	mL/min	43.54	7.29	8.02	8.983	13260	10	0.64	22.7	135.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-67-225   
 **Date(s):** 2025-12-17   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:19.79 °C, rH:24%, Clouds: 0%, Wind:1.54m/s N   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 210.00-225.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 171.82   
 **Total Depth (ft-bmp):** 225.16   
 **Water Column(ft):** 53.34   
 **Liters in Well:** 32.95

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 218   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:05   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-67-225-Q425   
 **Sample Time:** 13:21

**Purge End Time:** 13:20   
 **Well Volumes Purged (total):** 0.23   
 **Replicate Type / Replicate ID:** Duplicate / MW-917-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:08	0	500	mL/min	171.85	7.82	2.45	2.99	4612	12	2.9	27.8	133.6	Clear	No Odor
13:11	3	500	mL/min	171.85	7.81	2.44	2.98	4593	10	2.85	27.9	134	Clear	No Odor
13:14	6	500	mL/min	171.85	7.81	2.43	2.98	4587	10	2.81	27.9	134.5	Clear	No Odor
13:17	9	500	mL/min	171.85	7.8	2.43	2.97	4583	10	2.76	28.1	134.6	Clear	No Odor
13:20	12	500	mL/min	171.85	7.79	2.43	2.97	4581	10	2.74	28.2	134.8	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-55-120   
 **Date(s):** 2025-12-16   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 108.00-118.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 11.51   
 **Total Depth (ft-bmp):** 120.6   
 **Water Column(ft):** 109.09   
 **Liters in Well:** 67.39

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 118   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:32   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-55-120-Q425   
 **Sample Time:** 09:48

**Purge End Time:** 09:47   
 **Well Volumes Purged (total):** 0.07   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:32	0	300	mL/min	11.51	6.89	3.32	3.919	5338	23	1.29	19.9	108.5	Clear	No Odor
09:35	3	300	mL/min	11.53	7.54	3.58	4.244	5945	23	1.12	20.7	101.2	Clear	No Odor
09:38	6	300	mL/min	11.53	7.76	3.91	4.615	6620	20	1.08	21.4	97.2	Clear	No Odor
09:41	9	300	mL/min	11.54	7.82	3.94	4.654	6700	20	1.01	21.7	95.1	Clear	No Odor
09:44	12	300	mL/min	11.55	7.84	3.91	4.651	6703	20	1.06	21.5	92.1	Clear	No Odor
09:47	15	300	mL/min	11.56	7.82	3.94	4.655	6701	20	1.03	21.4	92.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
20	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-48      **Date(s):** 2025-12-16      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 124.00-134.00      **Casing Diameter (in):** 2.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 33.82      **Total Depth (ft-bmp):** 126.5      **Water Column(ft):** 92.68      **Liters in Well:** 57.26

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 124      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 11:32      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-48-Q425      **Sample Time:** 11:48

**Purge End Time:** 11:47      **Well Volumes Purged (total):** 0.08      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:32	0	300	mL/min	33.82	7.4	8.03	9.048	13157	18	2.82	21.6	142.2	Clear	No Odor
11:35	3	300	mL/min	33.83	6.92	7.83	8.82	13093	16	1.36	23	140.2	Clear	No Odor
11:38	6	300	mL/min	33.84	6.72	7.69	8.664	12906	16	0.82	23.3	131.1	Clear	No Odor
11:41	9	300	mL/min	33.85	6.68	7.69	8.56	12811	16	0.74	23.7	128.4	Clear	No Odor
11:44	12	300	mL/min	33.86	6.69	7.69	8.563	12815	16	0.72	23.5	128.1	Clear	No Odor
11:47	15	300	mL/min	33.86	6.69	7.69	8.563	12814	16	0.73	23.4	128.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

**Comments:** None

**Well Information:**  
Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-70BR-287   
 **Date(s):** 2025-12-16   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 240.00-287.00   
 **Casing Diameter (in):** 5.50   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 83.33   
 **Total Depth (ft-bmp):** 285.16   
 **Water Column(ft):** 201.83   
 **Liters in Well:** 942.94

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 264   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 10:31   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-70BR-287-Q425   
 **Sample Time:** 10:52

**Purge End Time:** 10:51   
 **Well Volumes Purged (total):** 0.01   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:31	0	500	mL/min	83.33	9.21	9.75	10.8	16632	25	1.12	25.1	84.8	Clear	No Odor
10:35	4	500	mL/min	83.37	9.08	9.75	10.8	16616	17	1.04	25.5	82.1	Clear	No Odor
10:39	8	500	mL/min	83.37	8.95	9.74	10.8	16631	11	0.86	25.2	80.9	Clear	No Odor
10:43	12	500	mL/min	83.37	8.93	9.74	10.8	16635	8	0.82	25.5	80.5	Clear	No Odor
10:47	16	500	mL/min	83.37	8.92	9.74	10.8	16641	8	0.79	25.5	80.2	Clear	No Odor
10:51	20	500	mL/min	83.37	8.91	9.74	10.8	16642	8	0.78	25.5	78.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-98-077    **Date(s):** 2025-12-16    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Sunny    **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 67.00-77.00    **Casing Diameter (in):** 2.00    **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 47.82    **Total Depth (ft-bmp):** 81.01    **Water Column(ft):** 33.19    **Liters in Well:** 20.5

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 72    **Purge Method:** Low Flow    **Purging Equipment:** Bladder Pump

**Purge Start Time:** 14:11    **Total Volume Purged (liters):** 10    **Sample ID:** MW-98-077-Q425    **Sample Time:** 14:32

**Purge End Time:** 14:31    **Well Volumes Purged (total):** 0.49    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:11	0	500	mL/min	47.82	7.69	6.87	7.81	11682	33	0.53	25.5	80.8	Clear	No Odor
14:15	4	500	mL/min	47.86	7.73	7.05	8.02	12358	21	0.56	25.9	48.9	Clear	No Odor
14:19	8	500	mL/min	47.86	7.75	7.04	8.01	12327	14	0.48	25.9	42.1	Clear	No Odor
14:23	12	500	mL/min	47.86	7.76	7.04	8.01	12321	9	0.47	25.8	39.3	Clear	No Odor
14:27	16	500	mL/min	47.86	7.76	7.04	8.01	12325	9	0.45	25.8	39.1	Clear	No Odor
14:31	20	500	mL/min	47.86	7.76	7.04	8.01	12328	9	0.43	25.8	37.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-56S      **Date(s):** 2025-12-16      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** CLEAR, T:17.88 °C, rH:29%, Clouds: 0%, Wind:2.57m/s N-NW      **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 33.50-35.50      **Casing Diameter (in):** 0.75      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 14.15      **Total Depth (ft-bmp):** 35.5      **Water Column(ft):** 21.35      **Liters in Well:** 1.85

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 34.5      **Purge Method:** Low Flow      **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 09:38      **Total Volume Purged (liters):** 2.7      **Sample ID:** MW-56S-Q425      **Sample Time:** 09:54

**Purge End Time:** 09:53      **Well Volumes Purged (total):** 1.46      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:41	0	500	mL/min	14.20	7.59	3.16	3.77	5811	14	4.53	22.4	111.9	Clear	No Odor
09:44	3	100	mL/min	14.48	7.57	3.18	3.79	5846	13	1.48	22.3	110.5	Clear	No Odor
09:47	6	100	mL/min	14.50	7.56	3.19	3.8	5860	11	1.49	22	106.7	Clear	No Odor
09:50	9	100	mL/min	14.50	7.56	3.19	3.81	5872	11	1.51	21.7	103	Clear	No Odor
09:53	12	100	mL/min	14.50	7.55	3.2	3.82	5877	11	1.5	21.7	99.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-64BR    **Date(s):** 2025-12-16    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** CLEAR, T:22.49 °C, rH:25%, Clouds: 0%, Wind:5.14m/s N-NW    **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 2.00-258.00    **Casing Diameter (in):** 3.00    **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 122.56    **Total Depth (ft-bmp):** 249.26    **Water Column(ft):** 126.7    **Liters in Well:** 176.11

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 210    **Purge Method:** Low Flow    **Purging Equipment:** Bladder Pump

**Purge Start Time:** 12:49    **Total Volume Purged (liters):** 10    **Sample ID:** MW-64BR-Q425    **Sample Time:** 13:10

**Purge End Time:** 13:09    **Well Volumes Purged (total):** 0.06    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:49	0	500	mL/min	122.56	7.69	6.84	7.78	11946	41	1.25	24.8	-35.8	Clear	No Odor
12:53	4	500	mL/min	122.60	7.73	6.88	7.83	12038	30	0.79	24.9	-40.2	Clear	No Odor
12:57	8	500	mL/min	122.60	7.74	6.88	7.83	12059	19	0.69	24.9	-42.7	Clear	No Odor
13:01	12	500	mL/min	122.60	7.74	6.88	7.83	12064	15	0.65	24.8	-42.9	Clear	No Odor
13:05	16	500	mL/min	122.60	7.74	6.88	7.83	12068	14	0.64	24.8	-44.1	Clear	No Odor
13:09	20	500	mL/min	122.60	7.74	6.88	7.83	12069	14	0.63	24.8	-44.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity

14

Post-Filter Turbidity

1

Number of Filters Used

1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-70BR-225   
 **Date(s):** 2025-12-16   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 120.00-227.00   
 **Casing Diameter (in):** 5.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 79.9   
 **Total Depth (ft-bmp):** 219.26   
 **Water Column(ft):** 139.36   
 **Liters in Well:** 538.09

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 174   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 11:25   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-70BR-225-Q425   
 **Sample Time:** 11:46

**Purge End Time:** 11:45   
 **Well Volumes Purged (total):** 0.02   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:25	0	500	mL/min	79.90	8.33	7.31	8.3	12733	14	0.86	26.2	88.5	Clear	No Odor
11:29	4	500	mL/min	79.96	8.14	7.36	8.34	12852	11	0.82	26.5	84.5	Clear	No Odor
11:33	8	500	mL/min	79.96	8.02	7.36	8.34	12859	7	0.77	26.5	80.9	Clear	No Odor
11:37	12	500	mL/min	79.96	7.99	7.36	8.34	12863	5	0.76	26.5	80.2	Clear	No Odor
11:41	16	500	mL/min	79.96	7.97	7.36	8.34	12864	5	0.74	26.5	78.9	Clear	No Odor
11:45	20	500	mL/min	79.96	7.97	7.36	8.34	12868	5	0.72	26.6	78.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
5	1	1

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-55-045   
 **Date(s):** 2025-12-16   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 37.00-47.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 11.58   
 **Total Depth (ft-bmp):** 49.22   
 **Water Column(ft):** 37.64   
 **Liters in Well:** 23.25

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 47   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 10:08   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-55-045-Q425   
 **Sample Time:** 10:24

**Purge End Time:** 10:23   
 **Well Volumes Purged (total):** 0.19   
 **Replicate Type / Replicate ID:** Equipment Blank / MW-55-045-EB-Q424   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:08	0	300	mL/min	11.58	7.41	1.2	1.527	2277	13	1.03	21.8	172.3	Clear	No Odor
10:11	3	300	mL/min	11.59	7.42	0.92	1.176	1694	13	0.73	21.5	170.1	Clear	No Odor
10:14	6	300	mL/min	11.61	7.43	0.88	1.131	1633	13	0.66	21.7	167.2	Clear	No Odor
10:17	9	300	mL/min	11.61	7.43	0.86	1.105	1604	13	0.47	22	164.2	Clear	No Odor
10:20	12	300	mL/min	11.62	7.44	0.84	1.103	1602	13	0.44	22	164.6	Clear	No Odor
10:23	15	300	mL/min	11.63	7.46	0.84	1.101	1604	13	0.43	22.3	164.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-56D      **Date(s):** 2025-12-16      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** CLEAR, T:19.88 °C, rH:24%, Clouds: 0%, Wind:2.57m/s N-NW      **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 103.50-105.50      **Casing Diameter (in):** 0.75      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 14.7      **Total Depth (ft-bmp):** 105.5      **Water Column(ft):** 90.8      **Liters in Well:** 7.89

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 104.5      **Purge Method:** Low Flow      **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 10:37      **Total Volume Purged (liters):** 2.4      **Sample ID:** MW-56D-Q425      **Sample Time:** 10:53

**Purge End Time:** 10:52      **Well Volumes Purged (total):** 0.30      **Replicate Type / Replicate ID:** Equipment Blank / EB-756-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:40	0	500	mL/min	15.00	7.54	11.86	12.92	19870	10	0.37	23.2	106	Clear	No Odor
10:43	3	100	mL/min	15.00	7.53	11.87	12.93	19890	8	0.22	23.3	102.3	Clear	No Odor
10:46	6	100	mL/min	15.00	7.52	11.88	12.94	19903	7	0.19	23.2	101.1	Clear	No Odor
10:49	9	100	mL/min	15.00	7.51	11.9	12.96	19957	7	0.22	23.2	101	Clear	No Odor
10:52	12	100	mL/min	15.00	7.5	12.02	13.08	20118	7	0.29	23.1	101.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-98-055   
 **Date(s):** 2025-12-16   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 39.90-55.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 47.97   
 **Total Depth (ft-bmp):** 59.13   
 **Water Column(ft):** 11.16   
 **Liters in Well:** 6.89

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 52   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 14:43   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-98-055-Q425   
 **Sample Time:** 15:04

**Purge End Time:** 15:03   
 **Well Volumes Purged (total):** 1.45   
 **Replicate Type / Replicate ID:** MS/MSD / MW-98-055-Q425 Equipment Blank / EB-755-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P, YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:43	0	500	mL/min	47.97	7.95	2.31	2.82	4379	39	0.43	25.4	55.8	Clear	No Odor
14:47	4	500	mL/min	48.01	7.92	2.25	2.76	4251	21	0.41	25.5	46.9	Clear	No Odor
14:51	8	500	mL/min	48.01	7.88	2.25	2.76	4244	14	0.4	25.6	44.1	Clear	No Odor
14:55	12	500	mL/min	48.01	7.85	2.25	2.76	4242	9	0.38	25.6	42.1	Clear	No Odor
14:59	16	500	mL/min	48.01	7.85	2.25	2.76	4242	9	0.36	25.6	41.7	Clear	No Odor
15:03	20	500	mL/min	48.01	7.85	2.25	2.76	4240	9	0.35	25.7	41.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

<b>Location ID:</b>	MW-12	<b>Date(s):</b>	2025-12-16	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL	
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b> Default Site
<b>Weather:</b>	Clear	<b>Field Technician:</b>			Jyovanny Rebolledo	
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	27.50-47.50	<b>Casing Diameter (in):</b>	4.00	<b>Well Casing Material:</b> NA
<b>Static Water Level (ft-bmp):</b>	29.82	<b>Total Depth (ft-bmp):</b>	50.07	<b>Water Column(ft):</b>	20.25	<b>Liters in Well:</b> 50.04
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	48	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b> Submersible Pump
<b>Purge Start Time:</b>	12:21	<b>Total Volume Purged (liters):</b>	4.5	<b>Sample ID:</b>	MW-12-Q425	<b>Sample Time:</b> 12:37
<b>Purge End Time:</b>	12:36	<b>Well Volumes Purged (total):</b>	0.09	<b>Replicate Type / Replicate ID:</b>	Duplicate / MW-907-Q425	<b>Water Quality Meter/ ID:</b> Hach 2100-P,YSI ProPlus / NA
<b>Scope of work completed?</b>	Yes					

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:21	0	300	mL/min	29.82	7.32	5.53	6.402	9580	15	4.9	23.4	163.6	Clear	No Odor
12:24	3	300	mL/min	29.83	7.38	5.43	6.279	9428	15	4.58	23.8	158.5	Clear	No Odor
12:27	6	300	mL/min	29.84	7.4	5.41	6.24	9373	15	4.2	23.9	152.2	Clear	No Odor
12:30	9	300	mL/min	29.85	7.41	5.39	6.24	9388	15	4.48	23.9	150.6	Clear	No Odor
12:33	12	300	mL/min	29.86	7.42	5.39	6.243	9386	15	4.5	23.9	150.1	Clear	No Odor
12:36	15	300	mL/min	29.87	7.43	5.39	6.241	9384	15	4.52	23.9	150.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Hexavalent Chromium (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4_NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-56M     **Date(s):** 2025-12-16     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** CLEAR, T:19.88 °C, rH:24%, Clouds: 0%, Wind:2.57m/s N-NW     **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** 73.50-75.50     **Casing Diameter (in):** 0.75     **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 14.09     **Total Depth (ft-bmp):** 75.5     **Water Column(ft):** 61.41     **Liters in Well:** 5.34

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 74.5     **Purge Method:** Low Flow     **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 10:08     **Total Volume Purged (liters):** 2.6     **Sample ID:** MW-56M-Q425     **Sample Time:** 10:24

**Purge End Time:** 10:23     **Well Volumes Purged (total):** 0.49     **Replicate Type / Replicate ID:** Duplicate / MW-915-Q425     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:11	0	500	mL/min	14.33	7.54	7.09	8.03	12334	4	1.51	22.7	111.1	Clear	No Odor
10:14	3	100	mL/min	14.35	7.54	7.48	8.45	12977	4	1.35	22.7	108.1	Clear	No Odor
10:17	6	100	mL/min	14.33	7.54	7.62	8.59	13192	4	1.33	22.6	105.5	Clear	No Odor
10:20	9	100	mL/min	14.33	7.54	7.74	8.71	13396	4	1.28	22.5	101.2	Clear	No Odor
10:23	12	100	mL/min	14.33	7.54	7.78	8.75	13459	4	1.33	22.3	98.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-35-060   
 **Date(s):** 2025-12-15   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:24.02 °C, rH:18%, Clouds: 0%, Wind:4.63m/s N-NW   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 41.00-61.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 29.6   
 **Total Depth (ft-bmp):** 57.83   
 **Water Column(ft):** 28.23   
 **Liters in Well:** 17.44

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 55   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:33   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-35-060-Q425   
 **Sample Time:** 13:49

**Purge End Time:** 13:48   
 **Well Volumes Purged (total):** 0.26   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:33	0	300	mL/min	29.60	7.14	3.19	3.802	5680	10	2.3	24.8	199.3	Clear	No Odor
13:36	3	300	mL/min	29.62	7.18	3.53	4.381	6699	10	1.77	24.7	183.3	Clear	No Odor
13:39	6	300	mL/min	29.64	7.16	3.7	4.394	6700	10	1.66	24.7	180.6	Clear	No Odor
13:42	9	300	mL/min	29.65	7.15	3.65	4.342	6651	10	1.61	24.7	180.1	Clear	No Odor
13:45	12	300	mL/min	29.66	7.13	3.65	4.34	6654	10	1.62	24.7	180.9	Clear	No Odor
13:48	15	300	mL/min	29.66	7.14	3.65	4.32	6652	10	1.65	24.6	177.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-35-135   
 **Date(s):** 2025-12-15   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 116.00-136.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 28.58   
 **Total Depth (ft-bmp):** 154.4   
 **Water Column(ft):** 125.82   
 **Liters in Well:** 77.73

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 152   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:55   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-35-135-Q425   
 **Sample Time:** 13:11

**Purge End Time:** 13:10   
 **Well Volumes Purged (total):** 0.06   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:55	0	300	mL/min	28.58	6.77	1.49	1.878	3006	13	1.22	24.9	189.3	Clear	No Odor
12:58	3	300	mL/min	28.58	7.1	1.21	1.534	2393	13	1.12	25.8	182.2	Clear	No Odor
13:01	6	300	mL/min	28.58	7.45	1.54	1.579	2483	13	1.02	26.1	171.1	Clear	No Odor
13:04	9	300	mL/min	28.58	7.69	1.31	1.657	2608	13	1	26.3	160.3	Clear	No Odor
13:07	12	300	mL/min	28.59	7.7	1.27	1.655	2605	13	1.01	26.1	158.3	Clear	No Odor
13:10	15	300	mL/min	28.59	7.71	1.27	1.653	2601	13	1.03	26.3	152.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-19      **Date(s):** 2025-12-15      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 46.00-66.00      **Casing Diameter (in):** 4.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 46.87      **Total Depth (ft-bmp):** 65.97      **Water Column(ft):** 19.1      **Liters in Well:** 47.2

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 63      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 14:25      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-19-Q425      **Sample Time:** 14:41

**Purge End Time:** 14:40      **Well Volumes Purged (total):** 0.10      **Replicate Type / Replicate ID:** Equipment Blank / EB-754-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:25	0	300	mL/min	46.87	7.25	1.39	1.748	2663	15	7.46	23.4	155.2	Clear	No Odor
14:28	3	300	mL/min	46.88	7.13	1.27	1.612	2452	15	5.8	24.6	151.1	Clear	No Odor
14:31	6	300	mL/min	46.89	7.12	1.26	1.592	2432	15	6.36	24.6	142.2	Clear	No Odor
14:34	9	300	mL/min	46.89	7.12	1.25	1.579	2418	15	6.34	24.6	140.3	Clear	No Odor
14:37	12	300	mL/min	46.89	7.14	1.25	1.577	2422	15	6.31	24.3	135.2	Clear	No Odor
14:40	15	300	mL/min	46.90	7.13	1.25	1.571	2420	15	6.33	24.1	135.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-107-076   
 **Date(s):** 2025-12-12   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V3\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** -   
 **Casing Diameter (in):** NA   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 25.41   
 **Total Depth (ft-bmp):** 77.91   
 **Water Column(ft):** 52.5   
 **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 75   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:19   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-107-076-1225   
 **Sample Time:** 08:35

**Purge End Time:** 08:34   
 **Well Volumes Purged (total):** NA   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>o</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:19	0	300	mL/min	25.41	7.48	5.91	6.643	8959	10	1.5	20.1	185.2	Clear	No Odor
08:22	3	300	mL/min	25.43	7.41	6.69	7.52	10792	10	1.32	21.5	181.2	Clear	No Odor
08:25	6	300	mL/min	25.44	7.38	6.67	7.579	10977	10	1.22	21.9	177.2	Clear	No Odor
08:28	9	300	mL/min	25.45	7.36	6.74	7.657	11158	10	1.15	21.9	175.2	Clear	No Odor
08:31	12	300	mL/min	25.46	7.35	6.72	7.654	11159	10	1.12	21.9	173.1	Clear	No Odor
08:34	15	300	mL/min	25.47	7.35	6.74	7.651	11156	10	1.14	21.8	171.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Total Dissolved Solids (SM 2540 C)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-107-041   
 **Date(s):** 2025-12-12   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V3\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** -   
 **Casing Diameter (in):** NA   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 25.6   
 **Total Depth (ft-bmp):** 42.79   
 **Water Column(ft):** 17.19   
 **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 41   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:42   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-107-041-1225   
 **Sample Time:** 08:58

**Purge End Time:** 08:57   
 **Well Volumes Purged (total):** NA   
 **Replicate Type / Replicate ID:** Equipment Blank / EB-752-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:42	0	300	mL/min	25.60	6.91	10.11	11.16	16268	10	2	21.3	176.3	Clear	No Odor
08:45	3	300	mL/min	25.60	6.88	10.12	11.14	16231	10	1.45	22.3	165.2	Clear	No Odor
08:48	6	300	mL/min	25.60	6.88	10.49	11.47	16777	10	1.32	22.6	158.8	Clear	No Odor
08:51	9	300	mL/min	25.60	6.88	10.59	11.63	17080	10	1.17	22.6	153.2	Clear	No Odor
08:54	12	300	mL/min	25.60	6.89	10.59	11.65	17082	10	1.15	22.4	150.2	Clear	No Odor
08:57	15	300	mL/min	25.61	6.87	10.59	11.63	17085	10	1.13	22.2	147.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Total Dissolved Solids (SM 2540 C)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** TW-04      **Date(s):** 2025-12-12      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** CLEAR, T:17.87 °C, rH:42%, Clouds: 0%, Wind:2.57m/s W-SW      **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 210.00-250.00      **Casing Diameter (in):** 4.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 31.81      **Total Depth (ft-bmp):** 253.96      **Water Column(ft):** 222.15      **Liters in Well:** 548.96

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 230      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:42      **Total Volume Purged (liters):** 7.5      **Sample ID:** TW-04-Q425      **Sample Time:** 08:58

**Purge End Time:** 08:57      **Well Volumes Purged (total):** 0.01      **Replicate Type / Replicate ID:** Duplicate / MW-927-Q425      **Equipment Blank / Equipment ID:** EB-751-Q425      **Water Quality Meter/ ID:** Hach 2100-P, YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:45	0	500	mL/min	31.83	7.6	10.56	11.65	17882	10	1.89	26.9	116.8	Clear	No Odor
08:48	3	500	mL/min	31.83	7.62	10.64	11.73	18083	8	0.95	27	116.7	Clear	No Odor
08:51	6	500	mL/min	31.83	7.62	10.76	11.84	18300	8	0.75	27.1	116.6	Clear	No Odor
08:54	9	500	mL/min	31.83	7.62	10.81	11.97	18318	8	0.72	26.8	116.2	Clear	No Odor
08:57	12	500	mL/min	31.83	7.621	10.81	11.91	18332	8	0.69	27.1	116.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Chromium, total dissolved (SW 6020)	Plastic	2	500 mL	HNO <sub>3</sub>

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point in inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-40D     **Date(s):** 2025-12-11     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** Sunny     **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** 240.00-260.00     **Casing Diameter (in):** 2.00     **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 112.65     **Total Depth (ft-bmp):** 265.44     **Water Column(ft):** 152.79     **Liters in Well:** 94.39

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 250     **Purge Method:** Low Flow     **Purging Equipment:** Bladder Pump

**Purge Start Time:** 08:33     **Total Volume Purged (liters):** 10     **Sample ID:** MW-40D-Q425     **Sample Time:** 08:54

**Purge End Time:** 08:53     **Well Volumes Purged (total):** 0.11     **Replicate Type / Replicate ID:** N/A     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:33	0	500	mL/min	112.65	7.68	8.01	9.04	13918	15	1.85	27.5	75.8	Clear	No Odor
08:37	4	500	mL/min	112.69	7.62	8.03	9.05	13933	8	0.89	27.9	72.3	Clear	No Odor
08:41	8	500	mL/min	112.69	7.59	8.03	9.05	13939	6	0.68	27.9	70.9	Clear	No Odor
08:45	12	500	mL/min	112.69	7.55	8.03	9.05	13952	5	0.63	28.1	68.9	Clear	No Odor
08:49	16	500	mL/min	112.69	7.55	8.03	9.05	13955	5	0.61	28.1	68.2	Clear	No Odor
08:53	20	500	mL/min	112.69	7.54	8.03	9.05	13956	5	0.61	28.2	67.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
5	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-40S     **Date(s):** 2025-12-11     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** Sunny     **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** 115.00-135.00     **Casing Diameter (in):** 2.00     **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 112.15     **Total Depth (ft-bmp):** 133.79     **Water Column(ft):** 21.64     **Liters in Well:** 13.37

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 125     **Purge Method:** Low Flow     **Purging Equipment:** Bladder Pump

**Purge Start Time:** 09:27     **Total Volume Purged (liters):** 10     **Sample ID:** MW-40S-Q425     **Sample Time:** 09:48

**Purge End Time:** 09:47     **Well Volumes Purged (total):** 0.75     **Replicate Type / Replicate ID:** N/A     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:27	0	500	mL/min	112.15	7.81	1.38	1.74	2667	22	1.47	27.6	86.5	Clear	No Odor
09:31	4	500	mL/min	112.18	7.8	1.4	1.76	2725	15	1.52	28.1	82.3	Clear	No Odor
09:35	8	500	mL/min	112.18	7.76	1.41	1.77	2803	11	1.46	28.1	78.9	Clear	No Odor
09:39	12	500	mL/min	112.18	7.76	1.41	1.77	2815	8	1.42	28.2	78.2	Clear	No Odor
09:43	16	500	mL/min	112.18	7.76	1.41	1.77	2818	8	1.39	28.2	77.9	Clear	No Odor
09:47	20	500	mL/min	112.18	7.76	1.41	1.77	2819	8	1.37	28.2	77.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

<b>Location ID:</b>	CW-01D	<b>Date(s):</b>	2025-12-11	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	Clear	<b>Field Technician:</b>		Riggie Tep	
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	-	<b>Casing Diameter (in):</b>	NA
<b>Static Water Level (ft-bmp):</b>	109.4	<b>Total Depth (ft-bmp):</b>	300	<b>Water Column(ft):</b>	190.6
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	109.4	<b>Purge Method:</b>	Low Flow
<b>Purge Start Time:</b>	12:15	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	CW-01D-Q425
<b>Purge End Time:</b>	12:30	<b>Well Volumes Purged (total):</b>	NA	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:18	0	500	mL/min	109.44	7.73	3.54	4.23	6538	8	3.89	27.1	129.6	Clear	No Odor
12:21	3	500	mL/min	109.44	7.71	3.5	4.18	6441	8	3.89	27.1	132.6	Clear	No Odor
12:24	6	500	mL/min	109.44	7.67	3.47	4.15	6404	8	7.67	27.1	134.2	Clear	No Odor
12:27	9	500	mL/min	109.44	7.66	3.45	4.13	6362	8	7.8	27.1	135.4	Clear	No Odor
12:30	12	500	mL/min	109.44	7.64	3.44	4.11	6326	8	7.79	27.1	135.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** CW-02D      **Date(s):** 2025-12-11      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Sunny      **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** -      **Casing Diameter (in):** NA      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 95.24      **Total Depth (ft-bmp):** NA      **Water Column(ft):**      **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 310      **Purge Method:** Low Flow      **Purging Equipment:** Dedicated Bladder

**Purge Start Time:** 10:21      **Total Volume Purged (liters):** 10      **Sample ID:** CW-02D-Q425      **Sample Time:** 10:42

**Purge End Time:** 10:41      **Well Volumes Purged (total):** NA      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:21	0	500	mL/min	95.24	7.97	4.24	5.01	7702	188	4.53	27.2	89.6	Clear	No Odor
10:25	4	500	mL/min	95.28	8.02	4.25	5.01	7719	55	4.66	27.3	95.8	Clear	No Odor
10:29	8	500	mL/min	95.28	8.04	4.25	5.01	7722	17	4.82	27.4	96.2	Clear	No Odor
10:33	12	500	mL/min	95.28	8.04	4.25	5.01	7725	9	4.86	27.4	96.9	Clear	No Odor
10:37	16	500	mL/min	95.28	8.05	4.25	5.01	7726	9	4.88	27.5	98.2	Clear	No Odor
10:41	20	500	mL/min	95.28	8.05	4.25	5.01	7726	9	4.89	27.5	98.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H <sub>2</sub> SO <sub>4</sub>

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** CW-02M     **Date(s):** 2025-12-11     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** Sunny     **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** -     **Casing Diameter (in):** NA     **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 95.29     **Total Depth (ft-bmp):** NA     **Water Column(ft):**     **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 177     **Purge Method:** Low Flow     **Purging Equipment:** Dedicated Bladder

**Purge Start Time:** 11:01     **Total Volume Purged (liters):** 10     **Sample ID:** CW-02M-Q425     **Sample Time:** 11:22

**Purge End Time:** 11:21     **Well Volumes Purged (total):** NA     **Replicate Type / Replicate ID:** N/A     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:01	0	500	mL/min	95.29	7.96	4.22	4.98	7667	25	3.45	27.3	72.8	Clear	No Odor
11:05	4	500	mL/min	95.33	7.99	4.21	4.97	7643	14	3.52	27.4	75.9	Clear	No Odor
11:09	8	500	mL/min	95.33	8.02	4.21	4.97	7640	9	3.59	27.4	77.8	Clear	No Odor
11:13	12	500	mL/min	95.33	8.02	4.21	4.97	7637	7	3.63	27.4	78.2	Clear	No Odor
11:17	16	500	mL/min	95.33	8.02	4.21	4.97	7637	7	3.64	27.4	78.8	Clear	No Odor
11:21	20	500	mL/min	95.33	8.02	4.21	4.97	7638	7	3.67	27.4	78.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H <sub>2</sub> SO <sub>4</sub>

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** CW-03D      **Date(s):** 2025-12-11      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Sunny      **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** -      **Casing Diameter (in):** NA      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 79.82      **Total Depth (ft-bmp):** NA      **Water Column(ft):**      **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 295      **Purge Method:** Low Flow      **Purging Equipment:** Dedicated Bladder

**Purge Start Time:** 11:53      **Total Volume Purged (liters):** 10      **Sample ID:** CW-03D-Q425      **Sample Time:** 12:14

**Purge End Time:** 12:13      **Well Volumes Purged (total):** NA      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:53	0	500	mL/min	79.82	8.15	4.27	5.03	7739	109	3.12	27.6	88.5	Clear	No Odor
11:57	4	500	mL/min	79.88	8.17	4.27	5.03	7762	29	4.25	27.7	93.8	Clear	No Odor
12:01	8	500	mL/min	79.88	8.18	4.27	5.03	7768	15	4.41	27.7	95.5	Clear	No Odor
12:05	12	500	mL/min	79.88	8.19	4.27	5.03	7771	9	4.45	27.8	95.8	Clear	No Odor
12:09	16	500	mL/min	79.88	8.19	4.27	5.03	7775	9	4.47	27.8	95.9	Clear	No Odor
12:13	20	500	mL/min	79.88	8.19	4.27	5.03	7776	9	4.48	27.9	96.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H <sub>2</sub> SO <sub>4</sub>

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** CW-03M     **Date(s):** 2025-12-11     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** Sunny     **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** -     **Casing Diameter (in):** NA     **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 80.11     **Total Depth (ft-bmp):** NA     **Water Column(ft):**     **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 197     **Purge Method:** Low Flow     **Purging Equipment:** Dedicated Bladder

**Purge Start Time:** 12:31     **Total Volume Purged (liters):** 10     **Sample ID:** CW-03M-Q425     **Sample Time:** 12:52

**Purge End Time:** 12:51     **Well Volumes Purged (total):** NA     **Replicate Type / Replicate ID:** N/A     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:31	0	500	mL/min	80.11	7.94	4.23	4.99	7695	92	3.25	27.4	86.2	Clear	No Odor
12:35	4	500	mL/min	80.17	7.99	4.22	4.98	7678	47	3.55	27.8	82.8	Clear	No Odor
12:39	8	500	mL/min	80.17	8.01	4.22	4.98	7675	17	3.59	27.8	83.8	Clear	No Odor
12:43	12	500	mL/min	80.17	8.01	4.22	4.98	7672	9	3.63	27.8	84.4	Clear	No Odor
12:47	16	500	mL/min	80.17	8.01	4.22	4.98	7673	9	3.67	27.9	84.9	Clear	No Odor
12:51	20	500	mL/min	80.17	8.02	4.22	4.98	7675	9	3.68	27.9	85.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H <sub>2</sub> SO <sub>4</sub>

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-01M	<b>Date(s):</b>	2025-12-11	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	CLEAR, T:24.86 °C, rH:25%, Clouds: 0%, Wind:4.1m/s NW			<b>Field Technician:</b>	Riggie Tep
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	165.00-185.00	<b>Casing Diameter (in):</b>	2.00
<b>Static Water Level (ft-bmp):</b>	96.15	<b>Total Depth (ft-bmp):</b>	185	<b>Water Column(ft):</b>	88.85
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	175	<b>Purge Method:</b>	Low Flow
<b>Purge Start Time:</b>	14:06	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-01M-Q425
<b>Purge End Time:</b>	14:21	<b>Well Volumes Purged (total):</b>	0.14	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:09	0	500	mL/min	96.17	7.72	3.54	4.23	6509	9	7.65	27.4	131.4	Clear	No Odor
14:12	3	500	mL/min	96.17	7.72	3.56	4.25	6543	7	7.85	27.4	131.7	Clear	No Odor
14:15	6	500	mL/min	96.17	7.73	3.56	4.25	6551	7	7.88	27.4	132.1	Clear	No Odor
14:18	9	500	mL/min	96.17	7.74	3.56	4.25	6546	7	7.63	27.4	132.3	Clear	No Odor
14:21	12	500	mL/min	96.17	7.74	3.56	4.25	6544	7	7.75	27.3	132.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** OW-01S      **Date(s):** 2025-12-11      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** CLEAR, T:22.89 °C, rH:26%, Clouds: 0%, Wind:1.54m/s E-NE      **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 83.50-113.50      **Casing Diameter (in):** 2.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 96.14      **Total Depth (ft-bmp):** 113.66      **Water Column(ft):** 17.52      **Liters in Well:** 10.82

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 105      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:25      **Total Volume Purged (liters):** 7.5      **Sample ID:** OW-01S-Q425      **Sample Time:** 13:41

**Purge End Time:** 13:40      **Well Volumes Purged (total):** 0.69      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:28	0	500	mL/min	94.15	7.77	2.39	2.92	4508	83	7.15	27.5	132.8	Clear	No Odor
13:31	3	500	mL/min	94.15	7.75	3.12	3.77	5808	43	6.76	27.2	135.5	Clear	No Odor
13:34	6	500	mL/min	94.15	7.72	3.43	4.1	6310	36	6.57	27.1	135.3	Clear	No Odor
13:37	9	500	mL/min	94.15	7.7	3.43	4.1	6319	35	6.44	27.3	134.4	Clear	No Odor
13:40	12	500	mL/min	94.15	7.69	3.44	4.11	6328	35	6.35	27.2	133.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
35	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-23-060   
 **Date(s):** 2025-12-11   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 50.00-60.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 51.03   
 **Total Depth (ft-bmp):** 60.34   
 **Water Column(ft):** 9.31   
 **Liters in Well:** 5.75

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 58   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:56   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-23-060-Q425   
 **Sample Time:** 13:12

**Purge End Time:** 13:11   
 **Well Volumes Purged (total):** 0.78   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:56	0	300	mL/min	51.03	8.87	8.12	9.029	13064	18	2.59	23.6	143.3	Clear	No Odor
12:59	3	300	mL/min	51.04	8.81	8.52	9.542	14543	18	2.39	24.6	138.7	Clear	No Odor
13:02	6	300	mL/min	51.04	8.85	8.55	9.691	14784	18	2.33	24.7	132.2	Clear	No Odor
13:05	9	300	mL/min	51.05	8.88	9.03	10.68	15427	18	2.18	24.6	131.1	Clear	No Odor
13:08	12	300	mL/min	51.05	8.89	9.15	10.64	15425	18	2.15	24.6	129.2	Clear	No Odor
13:11	15	300	mL/min	51.05	8.89	9.18	10.61	15423	18	2.12	24.5	129.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-89-183   
 **Date(s):** 2025-12-11   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 163.20-183.20   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 133.37   
 **Total Depth (ft-bmp):** 185.19   
 **Water Column(ft):** 51.82   
 **Liters in Well:** 32.01

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 173   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:28   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-89-183-Q425   
 **Sample Time:** 09:44

**Purge End Time:** 09:43   
 **Well Volumes Purged (total):** 0.23   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:31	0	500	mL/min	133.39	7.47	3.55	4.23	6507	64	5.14	25.2	113.4	Clear	No Odor
09:34	3	500	mL/min	133.39	7.47	3.55	4.22	6506	52	5.07	25.6	113.5	Clear	No Odor
09:37	6	500	mL/min	133.39	7.46	3.55	4.23	6514	50	5.22	25.8	113.6	Clear	No Odor
09:40	9	500	mL/min	133.39	7.45	3.55	4.22	6517	50	5.1	26.2	113.9	Clear	No Odor
09:43	12	500	mL/min	133.39	7.45	3.53	4.21	6502	49	5.19	26.2	114	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
49	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-89-273   
 **Date(s):** 2025-12-11   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 253.20-273.20   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 133.43   
 **Total Depth (ft-bmp):** 274.38   
 **Water Column(ft):** 140.95   
 **Liters in Well:** 87.08

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 263   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 10:17   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-89-273-Q425   
 **Sample Time:** 10:33

**Purge End Time:** 10:32   
 **Well Volumes Purged (total):** 0.09   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>o</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:20	0	500	mL/min	133.45	7.65	3.66	4.37	6717	9	5.81	28.2	118.6	Clear	No Odor
10:23	3	500	mL/min	133.45	7.65	3.69	4.4	6773	7	5.56	28.4	118.4	Clear	No Odor
10:26	6	500	mL/min	133.45	7.65	3.7	4.4	6785	7	5.49	28.5	119.4	Clear	No Odor
10:29	9	500	mL/min	133.45	7.66	3.71	4.42	6800	7	5.42	28.6	120	Clear	No Odor
10:32	12	500	mL/min	133.45	7.67	3.71	4.42	6815	7	5.83	28.6	120.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** CW-04M      **Date(s):** 2025-12-11      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Sunny      **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** -      **Casing Diameter (in):** NA      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 64.11      **Total Depth (ft-bmp):** NA      **Water Column(ft):**      **Liters in Well:** NA

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 145      **Purge Method:** Low Flow      **Purging Equipment:** Dedicated Bladder

**Purge Start Time:** 14:17      **Total Volume Purged (liters):** 10      **Sample ID:** CW-04M-Q425      **Sample Time:** 14:38

**Purge End Time:** 14:37      **Well Volumes Purged (total):** NA      **Replicate Type / Replicate ID:** Equipment Blank / EB-748-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:17	0	500	mL/min	64.11	7.22	4.16	4.91	7569	174	3.25	27.7	58.8	Clear	No Odor
14:21	4	500	mL/min	64.16	7.42	4.16	4.91	7564	61	3.59	27.8	70.9	Clear	No Odor
14:25	8	500	mL/min	64.16	7.79	4.15	4.9	7557	21	4.39	27.7	89.8	Clear	No Odor
14:29	12	500	mL/min	64.16	7.85	4.15	4.9	7554	9	4.45	27.7	91.1	Clear	No Odor
14:33	16	500	mL/min	64.16	7.86	4.15	4.9	7552	9	4.48	27.7	91.6	Clear	No Odor
14:37	20	500	mL/min	64.16	7.87	4.15	4.9	7553	9	4.49	27.7	92.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H <sub>2</sub> SO <sub>4</sub>

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-01D	<b>Date(s):</b>	2025-12-11	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL	
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b> Default Site
<b>Weather:</b>	CLEAR, T:25.79 °C, rH:23%, Clouds: 0%, Wind:5.14m/s N			<b>Field Technician:</b>	Riggie Tep	
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	257.00-277.00	<b>Casing Diameter (in):</b>	2.00	<b>Well Casing Material:</b> NA
<b>Static Water Level (ft-bmp):</b>	96.11	<b>Total Depth (ft-bmp):</b>	277	<b>Water Column(ft):</b>	180.89	<b>Liters in Well:</b> 111.75
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	267	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b> Submersible Pump
<b>Purge Start Time:</b>	14:52	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-01D-Q425	<b>Sample Time:</b> 15:08
<b>Purge End Time:</b>	15:07	<b>Well Volumes Purged (total):</b>	0.07	<b>Replicate Type / Replicate ID:</b>	Equipment Blank / EB-749-Q425	<b>Water Quality Meter/ ID:</b> Hach 2100-P,YSI ProQuattro / NA
<b>Scope of work completed?</b>	Yes					

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:55	0	500	mL/min	96.13	7.78	3.51	4.19	6463	13	5.72	27.1	132	Clear	No Odor
14:58	3	500	mL/min	96.13	7.78	3.51	4.19	6450	6	5.9	27	131.8	Clear	No Odor
15:01	6	500	mL/min	96.13	7.78	3.5	4.18	6443	6	5.91	27.1	131.8	Clear	No Odor
15:04	9	500	mL/min	96.13	7.78	3.51	4.18	6444	6	6.03	27	132	Clear	No Odor
15:07	12	500	mL/min	96.13	7.78	3.51	4.18	6444	6	6.08	27	132	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
6	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** TW-05      **Date(s):** 2025-12-11      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 110.00-150.00      **Casing Diameter (in):** 4.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 43.42      **Total Depth (ft-bmp):** 155.7      **Water Column(ft):** 112.28      **Liters in Well:** 277.46

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 153      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 14:08      **Total Volume Purged (liters):** 4.5      **Sample ID:** TW-05-Q425      **Sample Time:** 14:24

**Purge End Time:** 14:23      **Well Volumes Purged (total):** 0.02      **Replicate Type / Replicate ID:** Equipment Blank / EB-750-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:08	0	300	mL/min	43.42	7.82	6.43	7.345	11024	10	4.23	23.5	189.3	Clear	No Odor
14:11	3	300	mL/min	43.42	7.48	6.34	7.216	109336	10	3.16	24.5	182.2	Clear	No Odor
14:14	6	300	mL/min	43.42	7.35	6.34	7.267	11043	10	2.83	24.8	178.5	Clear	No Odor
14:17	9	300	mL/min	43.43	7.3	6.28	7.202	11154	10	2.64	24.9	172.1	Clear	No Odor
14:20	12	300	mL/min	43.44	7.32	6.25	7.202	11159	10	2.68	24.7	172.6	Clear	No Odor
14:23	15	300	mL/min	43.45	7.31	6.25	7.2	11155	10	2.66	24.6	171.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

<b>Location ID:</b>	CW-01M	<b>Date(s):</b>	2025-12-11	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL		
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b>	Default Site
<b>Weather:</b>	Clear	<b>Field Technician:</b>		Riggie Tep			
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	-	<b>Casing Diameter (in):</b>	NA	<b>Well Casing Material:</b>	NA
<b>Static Water Level (ft-bmp):</b>	108.84	<b>Total Depth (ft-bmp):</b>	187.08	<b>Water Column(ft):</b>	78.24	<b>Liters in Well:</b>	NA
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	167	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b>	Submersible Pump
<b>Purge Start Time:</b>	11:25	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	CW-01M-Q425	<b>Sample Time:</b>	11:41
<b>Purge End Time:</b>	11:40	<b>Well Volumes Purged (total):</b>	NA	<b>Replicate Type / Replicate ID:</b>	MS/MSD / CW-01M-Q425	<b>Water Quality Meter/ ID:</b>	Hach 2100-P, YSI ProQuattro / NA
<b>Scope of work completed?</b>	Yes						

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:28	0	500	mL/min	108.88	7.79	3.69	4.4	6777	14	8.3	27.4	122.3	Clear	No Odor
11:31	3	500	mL/min	108.88	7.79	3.7	4.41	6788	10	8.28	27.4	125	Clear	No Odor
11:34	6	500	mL/min	108.88	7.78	3.71	4.41	6792	10	8.33	27.4	128.3	Clear	No Odor
11:37	9	500	mL/min	108.88	7.77	3.7	4.41	6789	10	8.11	27.4	129.5	Clear	No Odor
11:40	12	500	mL/min	108.88	7.77	3.71	4.42	6790	10	8.13	27.3	130.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B), Chloride (EPA 300.0), Fluoride (EPA 300.0), Sulfate (EPA 300.0), Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Boron, dissolved (SW 6010B), Calcium, dissolved (SW 6010B), Chromium, total dissolved (SW 6020), Magnesium, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Potassium, dissolved (SW 6020), Selenium, dissolved (SW 6020), Sodium, dissolved (SW 6020), Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	CW-04D	<b>Date(s):</b>	2025-12-11	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL		
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b>	Default Site
<b>Weather:</b>	Sunny			<b>Field Technician:</b>	Nara Tep		
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	-	<b>Casing Diameter (in):</b>	NA	<b>Well Casing Material:</b>	NA
<b>Static Water Level (ft-bmp):</b>	64.14	<b>Total Depth (ft-bmp):</b>	NA	<b>Water Column(ft):</b>	Liters in Well: NA		
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	258	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b>	Dedicated Bladder
<b>Purge Start Time:</b>	13:35	<b>Total Volume Purged (liters):</b>	10	<b>Sample ID:</b>	CW-04D-Q425	<b>Sample Time:</b>	13:56
<b>Purge End Time:</b>	13:55	<b>Well Volumes Purged (total):</b>	NA	<b>Replicate Type / Replicate ID:</b>	Duplicate / MW-904-Q425	<b>Water Quality Meter/ ID:</b>	Hach 2100-P,YSI ProPlus / NA
<b>Scope of work completed?</b>	Yes						

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:35	0	500	mL/min	64.14	7.83	4.42	5.21	8007	88	3.79	27.8	78.9	Clear	No Odor
13:39	4	500	mL/min	64.18	7.96	4.42	5.21	8015	41	3.85	27.9	85.7	Clear	No Odor
13:43	8	500	mL/min	64.18	8.01	4.42	5.21	8019	19	3.92	28.1	85.9	Clear	No Odor
13:47	12	500	mL/min	64.18	8.08	4.42	5.21	8022	7	3.95	28.1	88.8	Clear	No Odor
13:51	16	500	mL/min	64.18	8.09	4.42	5.21	8024	7	3.97	28.2	90.2	Clear	No Odor
13:55	20	500	mL/min	64.18	8.09	4.42	5.21	8025	7	3.98	28.2	90.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	2	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	2	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	2	125 mL	H <sub>2</sub> SO <sub>4</sub>

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-23-080   
 **Date(s):** 2025-12-11   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 75.00-80.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 50.62   
 **Total Depth (ft-bmp):** 81.83   
 **Water Column(ft):** 31.21   
 **Liters in Well:** 19.28

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 79   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:22   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-23-080-Q425   
 **Sample Time:** 12:38

**Purge End Time:** 12:37   
 **Well Volumes Purged (total):** 0.23   
 **Replicate Type / Replicate ID:** Duplicate / MW-908-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:22	0	300	mL/min	50.62	8.31	0.88	1.137	1829	10	1.43	24	173.3	Clear	No Odor
12:25	3	300	mL/min	50.63	8.52	1.21	1.475	2133	10	1.55	24.5	171.9	Clear	No Odor
12:28	6	300	mL/min	50.63	9.06	2.69	3.23	4875	10	2.21	24.6	165.3	Clear	No Odor
12:31	9	300	mL/min	50.63	9.42	3.61	4.29	6500	10	2.57	24.7	161.1	Clear	No Odor
12:34	12	300	mL/min	50.63	9.41	3.6	4.29	6503	10	2.55	24.6	161.9	Clear	No Odor
12:37	15	300	mL/min	50.64	9.41	3.6	4.293	6502	10	2.57	24.5	161.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	2	125 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

**Comments:** None

**Well Information:**

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA****Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-22      **Date(s):** 2025-12-10      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Sunny      **Field Technician:** James San

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 5.50-10.50      **Casing Diameter (in):** 2.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 4.32      **Total Depth (ft-bmp):** 11.04      **Water Column(ft):** 6.72      **Liters in Well:** 4.15

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 9      **Purge Method:** Low Flow      **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 08:37      **Total Volume Purged (liters):** 10      **Sample ID:** MW-22-Q425      **Sample Time:** 08:58

**Purge End Time:** 08:57      **Well Volumes Purged (total):** 2.41      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** Hach 2100-Q, YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:37	0	500	mL/min	4.32	6.37	15.82	16.73	24222	223	0.51	26.5	4.1	Clear	No Odor
08:41	4	500	mL/min	4.32	6.37	15.82	16.73	24532	218	0.47	26.5	-48.7	Clear	No Odor
08:45	8	500	mL/min	4.32	6.47	15.82	16.73	24624	163	0.33	27.1	-65.9	Clear	No Odor
08:49	12	500	mL/min	4.32	6.48	15.82	16.73	24654	129	0.3	27.1	-74.9	Clear	No Odor
08:53	16	500	mL/min	4.32	6.49	15.82	16.73	24665	129	0.3	27.1	-75.3	Clear	No Odor
08:57	20	500	mL/min	4.32	6.49	15.82	16.73	24671	129	0.29	27.1	-75.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
129	1	1

**Comments:** None

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-90-031    **Date(s):** 2025-12-10    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Sunny    **Field Technician:** James San

**Measuring Pt. Description:** Top of Outer Casing    **Screen Setting (ft-bgs):** 21.50-31.50    **Casing Diameter (in):** 2.00    **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 5.32    **Total Depth (ft-bmp):** 31.28    **Water Column(ft):** 25.96    **Liters in Well:** 16.04

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 27    **Purge Method:** Low Flow    **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 09:47    **Total Volume Purged (liters):** 10    **Sample ID:** MW-90-031-Q425    **Sample Time:** 10:08

**Purge End Time:** 10:07    **Well Volumes Purged (total):** 0.62    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-Q, YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:47	0	500	mL/min	5.32	7.17	1.91	2.34	3585	20	0.23	24.8	-14.9	Clear	No Odor
09:51	4	500	mL/min	5.32	7.07	1.91	2.34	4450	17	0.22	24.8	10.3	Clear	No Odor
09:55	8	500	mL/min	5.32	7.13	1.91	2.34	4479	10	0.21	24.8	-12.4	Clear	No Odor
09:59	12	500	mL/min	5.32	7.15	1.91	2.34	4467	10	0.2	24.8	-14.7	Clear	No Odor
10:03	16	500	mL/min	5.32	7.17	1.91	2.34	4449	10	0.21	24.8	-14.9	Clear	No Odor
10:07	20	500	mL/min	5.32	7.2	1.91	2.34	4426	10	0.2	24.2	-15.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? poor

Issues: Well box needs to be replaced, standpipe recommended

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-02M	<b>Date(s):</b>	2025-12-10	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL	
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b> Default Site
<b>Weather:</b>	CLEAR, T:26.05 °C, rH:18%, Clouds: 0%, Wind:7.2m/s N-NW			<b>Field Technician:</b>	Riggie Tep	
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	190.00-210.00	<b>Casing Diameter (in):</b>	2.00	<b>Well Casing Material:</b> NA
<b>Static Water Level (ft-bmp):</b>	94.41	<b>Total Depth (ft-bmp):</b>	211.14	<b>Water Column(ft):</b>	116.73	<b>Liters in Well:</b> 72.11
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	200	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b> Submersible Pump
<b>Purge Start Time:</b>	15:01	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-02M-Q425	<b>Sample Time:</b> 15:17
<b>Purge End Time:</b>	15:16	<b>Well Volumes Purged (total):</b>	0.10	<b>Replicate Type / Replicate ID:</b>	N/A	<b>Water Quality Meter/ ID:</b> Hach 2100-P,YSI ProQuattro / NA
<b>Scope of work completed?</b>	Yes					

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:04	0	500	mL/min	94.44	7.74	3.49	4.16	6406	9	5.96	25.2	115.9	Clear	No Odor
15:07	3	500	mL/min	94.44	7.74	3.51	4.18	6434	7	5.98	25.2	115.5	Clear	No Odor
15:10	6	500	mL/min	94.44	7.73	3.51	4.18	6440	6	5.95	25.1	115.4	Clear	No Odor
15:13	9	500	mL/min	94.44	7.73	3.52	4.19	6447	6	5.74	25	115.5	Clear	No Odor
15:16	12	500	mL/min	94.44	7.72	3.51	4.18	6442	6	5.91	24.9	115.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
6	1	1

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-05D	<b>Date(s):</b>	2025-12-10	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	CLEAR, T:24.86 °C, rH:21%, Clouds: 0%, Wind:4.52m/s NW			<b>Field Technician:</b>	Riggie Tep
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	300.00-320.00	<b>Casing Diameter (in):</b>	2.00
<b>Static Water Level (ft-bmp):</b>	97.9	<b>Total Depth (ft-bmp):</b>	350	<b>Water Column(ft):</b>	252.1
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	310	<b>Purge Method:</b>	Low Flow
<b>Purge Start Time:</b>	12:55	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-05D-Q425
<b>Purge End Time:</b>	13:10	<b>Well Volumes Purged (total):</b>	0.05	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:58	0	500	mL/min	97.92	7.7	3.62	4.31	6646	12	2.37	26.5	112.9	Clear	No Odor
13:01	3	500	mL/min	97.92	7.7	3.54	4.22	6493	10	3.99	26.6	113.1	Clear	No Odor
13:04	6	500	mL/min	97.92	7.71	3.63	4.33	6652	8	5.27	26.6	113.2	Clear	No Odor
13:07	9	500	mL/min	97.92	7.74	3.59	4.28	6608	8	5.57	26.6	113.4	Clear	No Odor
13:10	12	500	mL/min	97.92	7.76	3.55	4.24	6604	8	5.4	26.7	113.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-05M	<b>Date(s):</b>	2025-12-10	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	CLEAR, T:20.42 °C, rH:21%, Clouds: 0%, Wind:3.13m/s NW			<b>Field Technician:</b>	Riggie Tep
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	210.00-250.00	<b>Casing Diameter (in):</b>	2.00
<b>Static Water Level (ft-bmp):</b>	97.29	<b>Total Depth (ft-bmp):</b>	252.58	<b>Water Column(ft):</b>	155.29
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	230	<b>Purge Method:</b>	Low Flow
<b>Purge Start Time:</b>	11:59	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-05M-Q425
<b>Purge End Time:</b>	12:14	<b>Well Volumes Purged (total):</b>	0.08	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:02	0	500	mL/min	97.30	7.73	3.54	4.23	6513	14	6.72	25.8	112.8	Clear	No Odor
12:05	3	500	mL/min	97.30	7.75	3.49	4.15	6420	10	6.84	25.8	113.1	Clear	No Odor
12:08	6	500	mL/min	97.30	7.77	3.47	4.14	6370	10	6.92	26.1	113.4	Clear	No Odor
12:11	9	500	mL/min	97.30	7.78	3.46	4.13	6360	10	6.82	25.8	113.3	Clear	No Odor
12:14	12	500	mL/min	97.30	7.79	3.45	4.12	6340	10	6.79	26	113.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-05S	<b>Date(s):</b>	2025-12-10	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	CLEAR, T:17.42 °C, rH:23%, Clouds: 0%, Wind:2.48m/s NW			<b>Field Technician:</b>	Riggie Tep
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	70.00-110.00	<b>Casing Diameter (in):</b>	2.00
<b>Static Water Level (ft-bmp):</b>	97.69	<b>Total Depth (ft-bmp):</b>	112.99	<b>Water Column(ft):</b>	15.3
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	105	<b>Purge Method:</b>	Low Flow
<b>Purge Start Time:</b>	11:04	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-05S-Q425
<b>Purge End Time:</b>	11:19	<b>Well Volumes Purged (total):</b>	0.79	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:07	0	500	mL/min	97.70	7.59	1.64	2.04	3120	16	5.63	24.9	117.3	Clear	No Odor
11:10	3	500	mL/min	97.70	7.63	1.82	2.26	3442	13	5.32	25.9	116.8	Clear	No Odor
11:13	6	500	mL/min	97.70	7.68	1.91	2.36	3630	13	5.37	25.5	115.8	Clear	No Odor
11:16	9	500	mL/min	97.70	7.7	1.93	2.39	3682	12	5.3	25.5	115.3	Clear	No Odor
11:19	12	500	mL/min	97.70	7.72	1.94	2.4	3692	12	5.23	25.7	114.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	OW-02D	<b>Date(s):</b>	2025-12-10	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL	
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b> Default Site
<b>Weather:</b>	CLEAR, T:25.47 °C, rH:19%, Clouds: 0%, Wind:5.66m/s N-NW			<b>Field Technician:</b>	Riggie Tep	
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	310.00-330.00	<b>Casing Diameter (in):</b>	2.00	<b>Well Casing Material:</b> NA
<b>Static Water Level (ft-bmp):</b>	94.72	<b>Total Depth (ft-bmp):</b>	340	<b>Water Column(ft):</b>	245.28	<b>Liters in Well:</b> 151.53
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	320	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b> Submersible Pump
<b>Purge Start Time:</b>	15:47	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-02D-Q425	<b>Sample Time:</b> 16:03
<b>Purge End Time:</b>	16:02	<b>Well Volumes Purged (total):</b>	0.05	<b>Replicate Type / Replicate ID:</b>	Equipment Blank / EB-745-Q425	<b>Water Quality Meter/ ID:</b> Hach 2100-P,YSI ProQuattro / NA
<b>Scope of work completed?</b>	Yes					

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:50	0	500	mL/min	94.75	7.71	3.41	4.07	6262	57	5.83	24.4	114.5	Clear	No Odor
15:53	3	500	mL/min	94.75	7.71	3.4	4.06	6250	12	3.56	24.5	115.1	Clear	No Odor
15:56	6	500	mL/min	94.75	7.71	3.4	4.06	6251	5	3.42	24.5	115.1	Clear	No Odor
15:59	9	500	mL/min	94.75	7.7	3.41	4.07	6265	5	3.47	24.5	115.2	Clear	No Odor
16:02	12	500	mL/min	94.75	7.7	3.42	4.08	6282	5	3.53	24.4	115.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	1	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
5	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-25      **Date(s):** 2025-12-10      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 84.50-104.50      **Casing Diameter (in):** 4.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 89.26      **Total Depth (ft-bmp):** 106.39      **Water Column(ft):** 17.13      **Liters in Well:** 42.33

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 104      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:05      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-25-Q425      **Sample Time:** 13:21

**Purge End Time:** 13:20      **Well Volumes Purged (total):** 0.11      **Replicate Type / Replicate ID:** MS/MSD / MW-25-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:05	0	300	mL/min	89.26	7.41	1.33	1.683	2611	16	6.18	25.1	163	Clear	No Odor
13:08	3	300	mL/min	89.27	7.19	1.22	1.553	2417	16	5.54	25.5	158.1	Clear	No Odor
13:11	6	300	mL/min	89.28	7.18	1.2	1.521	2369	16	5.38	25.7	153.3	Clear	No Odor
13:14	9	300	mL/min	89.29	7.11	1.19	1.508	2346	14	5.61	25.6	150.2	Clear	No Odor
13:17	12	300	mL/min	89.29	7.13	1.19	1.502	2345	14	5.63	25.5	150.9	Clear	No Odor
13:20	15	300	mL/min	89.29	7.14	1.19	1.5	2342	14	5.65	25.3	143.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

<b>Location ID:</b>	OW-02S	<b>Date(s):</b>	2025-12-10	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL	
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b> Default Site
<b>Weather:</b>	CLEAR, T:25.04 °C, rH:20%, Clouds: 0%, Wind:6.17m/s N-NW			<b>Field Technician:</b>	Riggie Tep	
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	71.00-101.00	<b>Casing Diameter (in):</b>	2.00	<b>Well Casing Material:</b> NA
<b>Static Water Level (ft-bmp):</b>	94.76	<b>Total Depth (ft-bmp):</b>	102.81	<b>Water Column(ft):</b>	8.05	<b>Liters in Well:</b> 4.97
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	100	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b> Submersible Pump
<b>Purge Start Time:</b>	14:05	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	OW-02S-Q425	<b>Sample Time:</b> 14:21
<b>Purge End Time:</b>	14:20	<b>Well Volumes Purged (total):</b>	1.51	<b>Replicate Type / Replicate ID:</b>	Duplicate / MW-925-Q425	<b>Water Quality Meter/ ID:</b> Hach 2100-P,YSI ProQuattro / NA
<b>Scope of work completed?</b>	Yes					

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:08	0	500	mL/min	94.78	7.72	1.42	1.79	2753	17	6.64	26.2	118	Clear	No Odor
14:11	3	500	mL/min	94.78	7.72	1.39	1.74	2691	10	6.42	26.3	118.8	Clear	No Odor
14:14	6	500	mL/min	94.78	7.73	1.38	1.74	2696	9	6.53	26	118.8	Clear	No Odor
14:17	9	500	mL/min	94.78	7.74	1.39	1.75	2681	9	6.52	26	118.7	Clear	No Odor
14:20	12	500	mL/min	94.78	7.75	1.38	1.73	2673	9	6.41	26.2	118.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	2	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Vanadium, Dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate/Nitrite as Nitrogen (EPA 353.2)	Plastic	2	125 mL	H2SO4

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-70-105   
 **Date(s):** 2025-12-09   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:19.19 °C, rH:24%, Clouds: 6%, Wind:2.47m/s NW   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 85.00-105.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 82.96   
 **Total Depth (ft-bmp):** 105.08   
 **Water Column(ft):** 22.12   
 **Liters in Well:** 13.67

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 95   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Portable Bladder

**Purge Start Time:** 11:10   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-70-105-Q425   
 **Sample Time:** 11:26

**Purge End Time:** 11:25   
 **Well Volumes Purged (total):** 0.55   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:13	0	500	mL/min	82.98	7.78	1.52	1.9	2935	12	3.32	25.6	109.2	Clear	No Odor
11:16	3	500	mL/min	82.98	7.79	1.52	1.91	2945	11	3.07	25.8	109.2	Clear	No Odor
11:19	6	500	mL/min	82.98	7.81	1.52	1.9	2936	11	2.67	25.8	110.3	Clear	No Odor
11:22	9	500	mL/min	82.98	7.81	1.52	1.91	2941	11	2.58	25.8	110.4	Clear	No Odor
11:25	12	500	mL/min	82.98	7.82	1.52	1.91	2940	11	2.69	25.7	110.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

<b>Location ID:</b>	MW-58BR	<b>Date(s):</b>	2025-12-09	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL		
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US	<b>Area:</b>	Default Site
<b>Weather:</b>	Clear	<b>Field Technician:</b>		Riggie Tep			
<b>Measuring Pt. Description:</b>	Top of Inner Casing	<b>Screen Setting (ft-bgs):</b>	54.00-206.00	<b>Casing Diameter (in):</b>	0	<b>Well Casing Material:</b>	NA
<b>Static Water Level (ft-bmp):</b>	68.66	<b>Total Depth (ft-bmp):</b>	204.2	<b>Water Column(ft):</b>	135.54	<b>Liters in Well:</b>	0
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	135	<b>Purge Method:</b>	Low Flow	<b>Purging Equipment:</b>	Dedicated Pump
<b>Purge Start Time:</b>	11:56	<b>Total Volume Purged (liters):</b>	7.5	<b>Sample ID:</b>	MW-58BR-Q425	<b>Sample Time:</b>	12:12
<b>Purge End Time:</b>	12:11	<b>Well Volumes Purged (total):</b>	NA	<b>Replicate Type / Replicate ID:</b>	N/A	<b>Water Quality Meter/ ID:</b>	Hach 2100-P, YSI ProQuattro / NA
<b>Scope of work completed?</b>	Yes						

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:59	0	500	mL/min	68.69	7.77	3.98	4.72	7258	7	3.17	27.9	110.7	Clear	No Odor
12:02	3	500	mL/min	68.69	7.81	3.95	4.69	7226	7	2.92	27.9	112.2	Clear	No Odor
12:05	6	500	mL/min	68.69	7.82	3.96	4.69	7230	7	2.76	27.8	113.4	Clear	No Odor
12:08	9	500	mL/min	68.69	7.81	3.94	4.68	7222	7	2.69	28.1	116.6	Clear	No Odor
12:11	12	500	mL/min	68.69	7.81	3.95	4.69	7225	7	2.64	27.8	116.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B), Bromide (EPA 300.0), Chloride (EPA 300.0), Fluoride (EPA 300.0), Nitrate as N (EPA 300.0), Sulfate (EPA 300.0), Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020), Calcium, dissolved (SW 6010B), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Magnesium, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Potassium, dissolved (SW 6020), Selenium, dissolved (SW 6020), Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-60BR-245   
 **Date(s):** 2025-12-09   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:22.49 °C, rH:23%, Clouds: 0%, Wind:5.66m/s N-NW   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 136.00-245.00   
 **Casing Diameter (in):** 5.00   
 **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 101.04   
 **Total Depth (ft-bmp):** 245   
 **Water Column(ft):** 143.96   
 **Liters in Well:** 555.85

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 175   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 15:53   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-60BR-245-Q425   
 **Sample Time:** 16:09

**Purge End Time:** 16:08   
 **Well Volumes Purged (total):** 0.01   
 **Replicate Type / Replicate ID:** Equipment Blank / EB-741-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:56	0	500	mL/min	101.07	7.94	9.31	10.35	15888	53	3.28	24	116.5	Clear	No Odor
15:59	3	500	mL/min	101.07	8	9.38	10.42	16024	38	3	24.4	114.8	Clear	No Odor
16:02	6	500	mL/min	101.07	8.01	9.39	10.43	16037	30	2.91	24.4	114.9	Clear	No Odor
16:05	9	500	mL/min	101.07	8.01	9.39	10.43	16054	29	2.84	24.3	114.9	Clear	No Odor
16:08	12	500	mL/min	101.07	8	9.39	10.43	16050	29	2.85	24.4	115	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
29	1	1

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description: NA**



**Description: NA**

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-15      **Date(s):** 2025-12-09      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Sunny      **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 180.50-200.50      **Casing Diameter (in):** 4.00      **Well Casing Material:** NA

**Static Water Level (ft-bmp):** 187.03      **Total Depth (ft-bmp):** 200.5      **Water Column(ft):** 13.47      **Liters in Well:** 33.29

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 195      **Purge Method:** Low Flow      **Purging Equipment:** Dedicated Bladder

**Purge Start Time:** 07:54      **Total Volume Purged (liters):** 10      **Sample ID:** MW-15-Q425      **Sample Time:** 08:15

**Purge End Time:** 08:14      **Well Volumes Purged (total):** 0.30      **Replicate Type / Replicate ID:** Equipment Blank / EB-740-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:54	0	500	mL/min	187.03	7.82	1.01	1.29	1988	15	3.08	23.7	78.3	Clear	No Odor
07:58	4	500	mL/min	187.09	7.82	1.01	1.29	1985	8	3.13	23.9	75.8	Clear	No Odor
08:02	8	500	mL/min	187.09	7.86	1.01	1.29	1992	5	3.19	24.2	79.9	Clear	No Odor
08:06	12	500	mL/min	187.09	7.86	1.01	1.29	1995	4	3.22	24.2	80.2	Clear	No Odor
08:10	16	500	mL/min	187.09	7.86	1.01	1.29	1995	4	3.23	24.2	80.9	Clear	No Odor
08:14	20	500	mL/min	187.09	7.87	1.01	1.29	1996	4	3.25	24.3	81.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Zinc, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-14      **Date(s):** 2025-11-25      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 111.00-131.00      **Casing Diameter (in):** 4.00      **Well Casing Material:**

**Static Water Level (ft-bmp):** 114.81      **Total Depth (ft-bmp):** 133.7      **Water Column(ft):** 18.89      **Liters in Well:** 46.68

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 131      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 14:03      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-14-Q425      **Sample Time:** 14:19

**Purge End Time:** 14:18      **Well Volumes Purged (total):** 0.10      **Replicate Type / Replicate ID:** N/A      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:03	0	300	mL/min	114.81	7.42	2.16	2.665	3943	10	7.27	22.9	199.7	Clear	No Odor
14:06	3	300	mL/min	114.83	7.27	2.1	2.574	3974	10	6.26	23.4	192.4	Clear	No Odor
14:09	6	300	mL/min	114.84	7.24	2.09	2.567	3828	10	6.22	23.4	187.4	Clear	No Odor
14:12	9	300	mL/min	114.86	7.24	2.1	2.574	3835	10	6.26	23.3	184.2	Clear	No Odor
14:15	12	300	mL/min	114.88	7.26	2.1	2.572	3833	10	6.24	23.4	184.9	Clear	No Odor
14:18	15	300	mL/min	114.89	7.25	2.1	2.575	3835	10	6.26	23.4	182.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-41D     **Date(s):** 2025-11-25     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** Sunny     **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** 271.00-291.00     **Casing Diameter (in):** 2.00     **Well Casing Material:**

**Static Water Level (ft-bmp):** 25.61     **Total Depth (ft-bmp):** 311.02     **Water Column(ft):** 285.41     **Liters in Well:** 176.32

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 281     **Purge Method:** Low Flow     **Purging Equipment:** Bladder Pump

**Purge Start Time:** 08:44     **Total Volume Purged (liters):** 10     **Sample ID:** MW-41D-Q425     **Sample Time:** 09:05

**Purge End Time:** 09:04     **Well Volumes Purged (total):** 0.06     **Replicate Type / Replicate ID:** N/A     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:44	0	500	mL/min	25.61	7.89	9.83	10.85	16703	25	1.09	23.8	89.6	Clear	No Odor
08:48	4	500	mL/min	25.65	7.85	9.83	10.85	16712	15	0.89	24.2	87.8	Clear	No Odor
08:52	8	500	mL/min	25.65	7.84	9.83	10.85	16721	9	0.81	24.4	82.5	Clear	No Odor
08:56	12	500	mL/min	25.65	7.84	9.83	10.85	16725	7	0.77	24.4	82.1	Clear	No Odor
09:00	16	500	mL/min	25.65	7.84	9.83	10.85	16727	7	0.76	24.4	80.9	Clear	No Odor
09:04	20	500	mL/min	25.65	7.83	9.83	10.85	16728	7	0.75	24.5	80.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-41M    **Date(s):** 2025-11-25    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** CLEAR, T:14.81 °C, rH:72%, Clouds: 0%, Wind:1.54m/s W-SW    **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 170.00-190.00    **Casing Diameter (in):** 2.00    **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 25.86    **Total Depth (ft-bmp):** 192.19    **Water Column(ft):** 166.33    **Liters in Well:** 102.76

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 180    **Purge Method:** Low Flow    **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:49    **Total Volume Purged (liters):** 7.5    **Sample ID:** MW-41M-Q425    **Sample Time:** 09:05

**Purge End Time:** 09:04    **Well Volumes Purged (total):** 0.07    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:52	0	500	mL/min	25.90	7.89	6.85	7.76	11724	16	3.36	19	168	Clear	No Odor
08:55	3	500	mL/min	25.90	7.89	7.16	8.09	12423	12	2.47	18.2	167.6	Clear	No Odor
08:58	6	500	mL/min	25.90	7.89	7.2	8.13	12496	11	2.07	18	167.4	Clear	No Odor
09:01	9	500	mL/min	25.90	7.89	7.22	8.15	12549	11	1.98	17.6	167.7	Clear	No Odor
09:04	12	500	mL/min	25.90	7.89	7.2	8.13	12487	11	2.04	17.5	168	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-41S     **Date(s):** 2025-11-25     **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric     **Facility:** Topock     **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US     **Area:** Default Site

**Weather:** CLEAR, T:16.53 °C, rH:59%, Clouds: 0%, Wind:1.54m/s N-NE     **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing     **Screen Setting (ft-bgs):** 40.00-60.00     **Casing Diameter (in):** 2.00     **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 26.22     **Total Depth (ft-bmp):** 61.36     **Water Column(ft):** 35.14     **Liters in Well:** 21.71

**Depth to Product (ft-bmp):** NA     **Pump Intake Depth(ft-bmp):** 50     **Purge Method:** Low Flow     **Purging Equipment:** Portable Bladder

**Purge Start Time:** 09:30     **Total Volume Purged (liters):** 7.5     **Sample ID:** MW-41S-Q425     **Sample Time:** 09:46

**Purge End Time:** 09:45     **Well Volumes Purged (total):** 0.35     **Replicate Type / Replicate ID:** N/A     **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:33	0	500	mL/min	26.23	7.89	3.62	4.28	6594	18	5.86	20.5	173	Clear	No Odor
09:36	3	500	mL/min	26.23	7.89	3.59	4.26	6557	16	6.33	20.7	173.1	Clear	No Odor
09:39	6	500	mL/min	26.23	7.9	3.58	4.24	6541	13	6.29	21.4	173.3	Clear	No Odor
09:42	9	500	mL/min	26.23	7.91	3.58	4.24	6537	13	6.31	21.6	173.7	Clear	No Odor
09:45	12	500	mL/min	26.23	7.93	3.58	4.24	6533	13	6.33	21.8	173.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-73-080    **Date(s):** 2025-11-25    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Sunny    **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 60.00-80.00    **Casing Diameter (in):** 2.00    **Well Casing Material:**

**Static Water Level (ft-bmp):** 52.71    **Total Depth (ft-bmp):** 79.14    **Water Column(ft):** 26.43    **Liters in Well:** 16.33

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 70    **Purge Method:** Low Flow    **Purging Equipment:** Bladder Pump

**Purge Start Time:** 09:59    **Total Volume Purged (liters):** 10    **Sample ID:** MW-73-080-Q425    **Sample Time:** 10:20

**Purge End Time:** 10:19    **Well Volumes Purged (total):** 0.61    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:59	0	500	mL/min	52.71	7.63	5.55	6.38	9825	49	1.54	23.8	78.5	Clear	No Odor
10:03	4	500	mL/min	52.77	7.58	5.55	6.38	9836	33	1.44	24.1	49.8	Clear	No Odor
10:07	8	500	mL/min	52.77	7.55	5.55	6.38	9841	18	1.41	24.1	45.5	Clear	No Odor
10:11	12	500	mL/min	52.77	7.55	5.55	6.38	9845	15	1.37	24.1	45.1	Clear	No Odor
10:15	16	500	mL/min	52.77	7.55	5.55	6.38	9847	14	1.33	24.2	44.6	Clear	No Odor
10:19	20	500	mL/min	52.77	7.54	5.55	6.38	9848	14	1.32	24.2	44.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? poor

Issues: Concrete pad got hit during excavation

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-87-139   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 119.00-139.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 92.46   
 **Total Depth (ft-bmp):** 141.04   
 **Water Column(ft):** 48.58   
 **Liters in Well:** 30.01

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 129   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 14:31   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-87-139-Q425   
 **Sample Time:** 14:52

**Purge End Time:** 14:51   
 **Well Volumes Purged (total):** 0.33   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:31	0	500	mL/min	92.46	7.76	4.05	4.79	7376	58	2.23	25.8	90.5	Clear	No Odor
14:35	4	500	mL/min	92.51	7.72	4.05	4.79	7381	32	2.14	26.1	78.9	Clear	No Odor
14:39	8	500	mL/min	92.51	7.68	4.05	4.79	7385	24	1.98	26.3	75.7	Clear	No Odor
14:43	12	500	mL/min	92.51	7.68	4.05	4.79	7386	15	1.94	26.3	75.1	Clear	No Odor
14:47	16	500	mL/min	92.51	7.67	4.05	4.79	7388	14	1.91	26.3	74.5	Clear	No Odor
14:51	20	500	mL/min	92.51	7.67	4.05	4.79	7389	14	1.88	26.3	74.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-72BR-200   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:19.74 °C, rH:52%, Clouds: 0%, Wind:3.09m/s N   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 107.00-200.00   
 **Casing Diameter (in):** 6   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 60.32   
 **Total Depth (ft-bmp):** 200   
 **Water Column(ft):** 139.68   
 **Liters in Well:** 776.62

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 152   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:13   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-72BR-200-Q425   
 **Sample Time:** 12:29

**Purge End Time:** 12:28   
 **Well Volumes Purged (total):** 0.01   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:16	0	500	mL/min	60.33	7.98	7.36	8.33	11982	8	2.26	25.1	188.6	Clear	No Odor
12:19	3	500	mL/min	60.33	7.97	8.39	9.41	14458	3	0.87	25.3	189.9	Clear	No Odor
12:22	6	500	mL/min	60.33	7.97	8.45	9.47	14580	3	0.65	25.5	191.2	Clear	No Odor
12:25	9	500	mL/min	60.33	7.97	8.47	9.49	14606	3	0.63	25.4	193.8	Clear	No Odor
12:28	12	500	mL/min	60.33	7.96	8.47	9.5	14617	3	0.6	25.7	194.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3	1	1

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-93-050   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 30.00-50.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 30.32   
 **Total Depth (ft-bmp):** 51.69   
 **Water Column(ft):** 21.37   
 **Liters in Well:** 13.2

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 49   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:00   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-93-050-Q425   
 **Sample Time:** 13:16

**Purge End Time:** 13:15   
 **Well Volumes Purged (total):** 0.34   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:00	0	300	mL/min	30.35	7.25	2.3	2.821	4218	10	3.68	23.1	188.4	Clear	No Odor
13:03	3	300	mL/min	30.36	7.27	2.06	2.525	3833	10	3.61	24.2	182.2	Clear	No Odor
13:06	6	300	mL/min	30.36	7.27	2.04	2.509	3801	10	3.59	24.1	178.5	Clear	No Odor
13:09	9	300	mL/min	30.37	7.28	2.04	2.509	3812	10	3.73	24.4	172.4	Clear	No Odor
13:12	12	300	mL/min	30.38	7.29	2.02	2.506	3815	10	3.71	24.4	175.7	Clear	No Odor
13:15	15	300	mL/min	30.39	7.29	2.04	2.503	3813	10	3.73	24.3	172.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-93-213   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 193.00-213.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 30.64   
 **Total Depth (ft-bmp):** 214.48   
 **Water Column(ft):** 183.84   
 **Liters in Well:** 113.57

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 212   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:32   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-93-213-Q425   
 **Sample Time:** 12:48

**Purge End Time:** 12:48   
 **Well Volumes Purged (total):** 0.04   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:32	0	300	mL/min	30.64	7.28	6.3	7.182	10332	24	3.43	22.7	126.7	Clear	No Odor
12:35	3	300	mL/min	30.64	7.75	6.75	7.67	11465	21	1.23	23.6	121.1	Clear	No Odor
12:38	6	300	mL/min	30.65	7.68	6.82	7.754	11575	21	0.99	23.5	121.6	Clear	No Odor
12:41	9	300	mL/min	30.65	7.64	6.84	7.774	11687	19	0.81	23.8	112.2	Clear	No Odor
12:44	12	300	mL/min	30.65	7.69	6.81	7.772	11689	19	0.83	23.6	110.4	Clear	No Odor
12:47	15	300	mL/min	30.66	7.69	6.81	7.776	11687	19	0.85	23.7	110.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
19	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-60-125   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 103.00-123.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 99.79   
 **Total Depth (ft-bmp):** 121.84   
 **Water Column(ft):** 22.05   
 **Liters in Well:** 13.62

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 99.79   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 11:03   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-60-125-Q425   
 **Sample Time:** 11:19

**Purge End Time:** 11:18   
 **Well Volumes Purged (total):** 0.33   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:03	0	300	mL/min	99.79	7.33	5.74	5.617	9984	19	1.52	24.1	186.4	Clear	No Odor
11:06	3	300	mL/min	99.81	7.37	5.63	5.5	9813	19	1.3	23.8	181.1	Clear	No Odor
11:09	6	300	mL/min	99.83	7.33	5.44	5.292	9521	19	1.15	24.1	175.4	Clear	No Odor
11:12	9	300	mL/min	99.84	7.3	5.31	6.149	9306	19	1.14	24	171.4	Clear	No Odor
11:15	12	300	mL/min	99.85	7.31	5.31	6.145	9302	19	1.16	24.2	164.2	Clear	No Odor
11:18	15	300	mL/min	99.86	7.32	5.31	6.142	9305	19	1.13	24.1	167.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
19	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-61-110   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 92.00-112.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 87.18   
 **Total Depth (ft-bmp):** 112.09   
 **Water Column(ft):** 24.91   
 **Liters in Well:** 15.39

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 110   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 11:44   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-61-110-Q425   
 **Sample Time:** 12:00

**Purge End Time:** 11:59   
 **Well Volumes Purged (total):** 0.29   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:44	0	300	mL/min	87.18	7.48	2.41	2.912	3553	8	1.05	24.7	188.3	Clear	No Odor
11:47	3	300	mL/min	87.19	7.73	2.34	2.866	4444	8	0.46	24.9	181.2	Clear	No Odor
11:50	6	300	mL/min	87.20	7.67	2.33	2.743	4226	8	0.47	25	172.4	Clear	No Odor
11:53	9	300	mL/min	87.22	7.58	2.11	2.593	3992	8	0.48	25	165.4	Clear	No Odor
11:56	12	300	mL/min	87.23	7.59	2.11	2.592	3995	8	0.45	25	161.1	Clear	No Odor
11:59	15	300	mL/min	87.24	7.57	2.11	2.595	3993	8	0.47	25	161.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-62-065   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 44.50-64.50   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 48.86   
 **Total Depth (ft-bmp):** 63.74   
 **Water Column(ft):** 14.88   
 **Liters in Well:** 9.19

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 61   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:04   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-62-065-Q425   
 **Sample Time:** 09:20

**Purge End Time:** 09:19   
 **Well Volumes Purged (total):** 0.49   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:04	0	300	mL/min	48.86	6.9	3.48	4.121	5715	18	1.22	20.9	108.7	Clear	No Odor
09:07	3	300	mL/min	48.86	7.12	3.88	4.589	6713	13	1.15	22.4	102.4	Clear	No Odor
09:10	6	300	mL/min	48.86	7.15	3.88	4.582	6768	13	1.02	22.8	98.7	Clear	No Odor
09:13	9	300	mL/min	48.87	7.16	3.86	4.569	6763	13	0.98	23	92.4	Clear	No Odor
09:16	12	300	mL/min	48.88	7.17	3.86	4.572	6765	13	0.99	23	92.1	Clear	No Odor
09:19	15	300	mL/min	48.89	7.17	3.86	4.574	6766	13	0.99	23	92.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-63-065   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 46.00-66.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 50.01   
 **Total Depth (ft-bmp):** 63.22   
 **Water Column(ft):** 13.21   
 **Liters in Well:** 8.16

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 61   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:57   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-63-065-Q425   
 **Sample Time:** 10:13

**Purge End Time:** 10:12   
 **Well Volumes Purged (total):** 0.55   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:57	0	300	mL/min	50.01	7.12	3.51	4.179	5519	9	3.05	19.3	136.8	Clear	No Odor
10:00	3	300	mL/min	50.03	6.99	3.92	4.621	6460	9	1.98	20.3	131.1	Clear	No Odor
10:03	6	300	mL/min	50.04	6.99	3.81	4.504	6342	9	2.09	20.6	124.5	Clear	No Odor
10:06	9	300	mL/min	50.04	7	3.72	4.4	6172	9	2.2	20.3	122.4	Clear	No Odor
10:09	12	300	mL/min	50.05	7.03	3.72	4.402	6175	9	2.22	20.1	122.9	Clear	No Odor
10:12	15	300	mL/min	50.05	7.05	3.75	4.405	6173	9	2.24	20.2	125.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-72-080    **Date(s):** 2025-11-25    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** CLEAR, T:18.72 °C, rH:55%, Clouds: 0%, Wind:4.63m/s N    **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 60.00-80.00    **Casing Diameter (in):** 2.00    **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 60.4    **Total Depth (ft-bmp):** 79.11    **Water Column(ft):** 18.71    **Liters in Well:** 11.56

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 70    **Purge Method:** Low Flow    **Purging Equipment:** Portable Bladder

**Purge Start Time:** 11:31    **Total Volume Purged (liters):** 7.5    **Sample ID:** MW-72-080-Q425    **Sample Time:** 11:47

**Purge End Time:** 11:46    **Well Volumes Purged (total):** 0.65    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:34	0	500	mL/min	60.42	8.01	8.52	9.55	14605	46	0.64	25.3	177.5	Clear	No Odor
11:37	3	500	mL/min	60.42	8.01	8.62	9.65	14858	38	0.45	25.5	176.7	Clear	No Odor
11:40	6	500	mL/min	60.42	8.01	8.65	9.68	14875	33	0.5	25.6	176.7	Clear	No Odor
11:43	9	500	mL/min	60.42	8	8.7	9.74	14982	32	0.51	25.8	177.2	Clear	No Odor
11:46	12	500	mL/min	60.42	8	8.71	9.75	15007	32	0.54	25.7	177.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
32	1	1

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-13      **Date(s):** 2025-11-25      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 28.50-48.50      **Casing Diameter (in):** 4.00      **Well Casing Material:**

**Static Water Level (ft-bmp):** 30.34      **Total Depth (ft-bmp):** 48.19      **Water Column(ft):** 17.85      **Liters in Well:** 44.11

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 47      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 14:55      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-13-Q425      **Sample Time:** 15:11

**Purge End Time:** 15:10      **Well Volumes Purged (total):** 0.10      **Replicate Type / Replicate ID:** Equipment Blank / EB-737-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:55	0	300	mL/min	30.34	6.95	1.84	2.281	3509	15	3.94	24.9	122.7	Clear	No Odor
14:58	3	300	mL/min	30.35	6.83	1.85	2.294	3528	15	3.78	24.8	118.7	Clear	No Odor
15:01	6	300	mL/min	30.35	6.79	1.85	2.294	3523	15	3.83	25.1	112.1	Clear	No Odor
15:04	9	300	mL/min	30.36	6.82	1.85	2.291	3526	15	3.8	25.3	112.9	Clear	No Odor
15:07	12	300	mL/min	30.36	6.84	1.85	2.293	3525	15	3.82	25.2	112.4	Clear	No Odor
15:10	15	300	mL/min	30.37	6.85	1.85	2.291	3527	15	3.8	25.1	112.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-87-109   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 89.00-109.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 92.51   
 **Total Depth (ft-bmp):** 110.64   
 **Water Column(ft):** 18.13   
 **Liters in Well:** 11.2

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 102   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 15:07   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-87-109-Q425   
 **Sample Time:** 15:28

**Purge End Time:** 15:27   
 **Well Volumes Purged (total):** 0.89   
 **Replicate Type / Replicate ID:** Equipment Blank / EB-735-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:07	0	500	mL/min	92.51	7.62	1.52	1.9	2935	40	1.65	27.1	69.5	Clear	No Odor
15:11	4	500	mL/min	92.56	7.59	1.52	1.9	2945	29	1.61	27.3	65.7	Clear	No Odor
15:15	8	500	mL/min	92.56	7.52	1.52	1.9	2949	21	1.44	27.3	60.9	Clear	No Odor
15:19	12	500	mL/min	92.56	7.52	1.52	1.9	2953	16	1.41	27.3	60.5	Clear	No Odor
15:23	16	500	mL/min	92.56	7.51	1.52	1.9	2954	15	1.38	27.3	60.1	Clear	No Odor
15:27	20	500	mL/min	92.56	7.5	1.52	1.9	2957	15	1.35	27.4	58.8	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-29      **Date(s):** 2025-11-25      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Sunny      **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 29.50-39.50      **Casing Diameter (in):** 2.00      **Well Casing Material:**

**Static Water Level (ft-bmp):** 31.82      **Total Depth (ft-bmp):** 40.71      **Water Column(ft):** 8.89      **Liters in Well:** 5.49

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 36      **Purge Method:** Low Flow      **Purging Equipment:** Bladder Pump

**Purge Start Time:** 13:39      **Total Volume Purged (liters):** 10      **Sample ID:** MW-29-Q425      **Sample Time:** 14:00

**Purge End Time:** 13:59      **Well Volumes Purged (total):** 1.82      **Replicate Type / Replicate ID:** Equipment Blank / MW-29-EB-Q424      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:39	0	500	mL/min	31.82	7.52	3.37	4.02	6181	39	2.02	24.3	25.8	Clear	No Odor
13:43	4	500	mL/min	31.85	7.49	3.37	4.02	6185	25	1.25	24.8	8.8	Clear	No Odor
13:47	8	500	mL/min	31.85	7.45	3.37	4.02	6189	15	1.14	24.9	-2.8	Clear	No Odor
13:51	12	500	mL/min	31.85	7.45	3.37	4.02	6192	9	1.12	24.9	-5.9	Clear	No Odor
13:55	16	500	mL/min	31.85	7.45	3.37	4.02	6193	9	1.09	24.9	-8.1	Clear	No Odor
13:59	20	500	mL/min	31.85	7.44	3.37	4.02	6195	9	1.07	24.9	-8.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-49-135   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 125.00-135.00   
 **Casing Diameter (in):** 1.50   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 31.08   
 **Total Depth (ft-bmp):** 136.31   
 **Water Column(ft):** 105.23   
 **Liters in Well:** 36.57

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 130   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 12:57   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-49-135-Q425   
 **Sample Time:** 13:18

**Purge End Time:** 13:17   
 **Well Volumes Purged (total):** 0.27   
 **Replicate Type / Replicate ID:** Equipment Blank / MW-49-135-EB-Q424   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:57	0	500	mL/min	31.08	7.88	8.18	9.17	14115	29	1.95	24.3	77.8	Clear	No Odor
13:01	4	500	mL/min	31.15	7.81	8.18	9.17	14122	20	1.47	24.7	70.9	Clear	No Odor
13:05	8	500	mL/min	31.15	7.75	8.18	9.17	14125	11	1.39	24.8	70.1	Clear	No Odor
13:09	12	500	mL/min	31.15	7.74	8.18	9.17	14128	7	1.35	24.8	68.8	Clear	No Odor
13:13	16	500	mL/min	31.15	7.74	8.18	9.17	14131	7	1.34	24.8	68.1	Clear	No Odor
13:17	20	500	mL/min	31.15	7.73	8.18	9.17	14134	7	1.32	24.9	66.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-49-275   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 255.00-275.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 31.44   
 **Total Depth (ft-bmp):** 274.71   
 **Water Column(ft):** 243.27   
 **Liters in Well:** 150.29

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 265   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 12:07   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-49-275-Q425   
 **Sample Time:** 12:28

**Purge End Time:** 12:27   
 **Well Volumes Purged (total):** 0.07   
 **Replicate Type / Replicate ID:** Equipment Blank / MW-49-275-EB-Q424   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:07	0	500	mL/min	31.44	7.85	14.7	15.73	24210	11	1.45	23.7	65.8	Clear	No Odor
12:11	4	500	mL/min	31.49	7.79	14.7	15.73	24219	7	1.32	23.9	60.9	Clear	No Odor
12:15	8	500	mL/min	31.49	7.75	14.7	15.73	24226	5	1.19	24.3	58.9	Clear	No Odor
12:19	12	500	mL/min	31.49	7.74	14.7	15.73	24229	4	1.15	24.5	58.1	Clear	No Odor
12:23	16	500	mL/min	31.49	7.74	14.7	15.73	24233	4	1.12	24.5	57.7	Clear	No Odor
12:27	20	500	mL/min	31.49	7.74	14.7	15.73	24238	4	1.11	24.5	57.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-49-365   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 346.00-366.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 33.12   
 **Total Depth (ft-bmp):** 367.35   
 **Water Column(ft):** 334.23   
 **Liters in Well:** 206.48

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 356   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 11:17   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-49-365-Q425   
 **Sample Time:** 11:38

**Purge End Time:** 11:37   
 **Well Volumes Purged (total):** 0.05   
 **Replicate Type / Replicate ID:** Equipment Blank / MW-49-365-EB-Q424   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:17	0	500	mL/min	33.12	7.76	22.79	23.43	36044	12	1.63	24.4	78.6	Clear	No Odor
11:21	4	500	mL/min	33.15	7.72	22.79	23.43	36055	7	1.44	24.8	80.2	Clear	No Odor
11:25	8	500	mL/min	33.15	7.71	22.79	23.43	36059	5	1.39	24.8	80.9	Clear	No Odor
11:29	12	500	mL/min	33.15	7.72	22.79	23.43	36064	4	1.32	24.8	82.2	Clear	No Odor
11:33	16	500	mL/min	33.15	7.72	22.79	23.43	36067	4	1.28	24.8	82.9	Clear	No Odor
11:37	20	500	mL/min	33.15	7.73	22.79	23.43	36069	4	1.27	24.9	83.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-87-192   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:22.72 °C, rH:40%, Clouds: 0%, Wind:4.12m/s N   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 172.00-192.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 92.98   
 **Total Depth (ft-bmp):** 193.15   
 **Water Column(ft):** 100.17   
 **Liters in Well:** 61.88

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 182   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 15:09   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-87-192-Q425   
 **Sample Time:** 15:25

**Purge End Time:** 15:24   
 **Well Volumes Purged (total):** 0.12   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:12	0	500	mL/min	93.30	7.9	4.46	5.23	8007	55	3.5	24.6	181.2	Clear	No Odor
15:15	3	500	mL/min	93.30	7.89	4.61	5.4	8303	47	2.83	24.9	180.7	Clear	No Odor
15:18	6	500	mL/min	93.30	7.89	4.67	5.46	8400	45	2.92	24.8	180.3	Clear	No Odor
15:21	9	500	mL/min	93.30	7.9	4.7	5.49	8439	45	2.89	24.9	180.2	Clear	No Odor
15:24	12	500	mL/min	93.30	7.9	4.7	5.49	8447	45	2.81	24.8	180.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
45	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-87-275   
 **Date(s):** 2025-11-25   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:22.63 °C, rH:39%, Clouds: 0%, Wind:4.63m/s N-NW   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 255.00-275.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 92.9   
 **Total Depth (ft-bmp):** 276.2   
 **Water Column(ft):** 183.3   
 **Liters in Well:** 113.24

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 265   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 15:46   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-87-275-Q425   
 **Sample Time:** 16:02

**Purge End Time:** 16:01   
 **Well Volumes Purged (total):** 0.07   
 **Replicate Type / Replicate ID:** Duplicate / MW-922-Q425   
 **Equipment Blank / Duplicate ID:** EB-736-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P, YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
15:49	0	500	mL/min	92.92	7.8	5.31	6.18	9502	43	2.4	27.2	180.6	Clear	No Odor
15:52	3	500	mL/min	92.92	7.8	5.31	6.17	9497	40	2.14	27.1	180.5	Clear	No Odor
15:55	6	500	mL/min	92.92	7.83	5.36	6.22	9573	40	1.87	27.2	180.6	Clear	No Odor
15:58	9	500	mL/min	92.92	7.83	5.36	6.22	9570	40	1.82	27.2	180.2	Clear	No Odor
16:01	12	500	mL/min	92.92	7.82	5.36	6.22	9569	40	1.8	27.1	179.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
40	1	1

**Comments:** None

**Well Information:**  
 Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-66-230   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 218.00-228.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 131.91   
 **Total Depth (ft-bmp):** 227.07   
 **Water Column(ft):** 95.16   
 **Liters in Well:** 58.79

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 223   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 13:59   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-66-230-Q425   
 **Sample Time:** 14:20

**Purge End Time:** 14:19   
 **Well Volumes Purged (total):** 0.17   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:59	0	500	mL/min	131.91	7.59	10.67	11.75	18065	37	1.43	27.1	88.5	Clear	No Odor
14:03	4	500	mL/min	131.98	7.58	10.67	11.77	18098	25	1.33	27.3	83.5	Clear	No Odor
14:07	8	500	mL/min	131.98	7.58	10.67	11.77	18105	14	1.37	27.4	79.8	Clear	No Odor
14:11	12	500	mL/min	131.98	7.56	10.67	11.77	18121	8	1.38	27.4	77.6	Clear	No Odor
14:15	16	500	mL/min	131.98	7.56	10.67	11.77	18125	8	1.38	27.4	77.2	Clear	No Odor
14:19	20	500	mL/min	131.98	7.55	10.67	11.77	18128	8	1.35	27.4	75.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-74-240   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 220.00-240.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 216.96   
 **Total Depth (ft-bmp):** 240.62   
 **Water Column(ft):** 23.66   
 **Liters in Well:** 14.62

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 230   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 12:51   
 **Total Volume Purged (liters):** 4   
 **Sample ID:** MW-74-240-Q425   
 **Sample Time:** 13:12

**Purge End Time:** 13:11   
 **Well Volumes Purged (total):** 0.27   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:51	0	200	mL/min	216.96	7.89	0.46	0.6	954	44	2.43	27.4	45.8	Clear	No Odor
12:55	4	200	mL/min	216.99	7.83	0.45	0.59	924	30	1.33	27.4	41.9	Clear	No Odor
12:59	8	200	mL/min	216.99	7.84	0.45	0.59	922	13	1.28	27.5	39.4	Clear	No Odor
13:03	12	200	mL/min	216.99	7.87	0.45	0.59	924	9	1.15	27.5	37.7	Clear	No Odor
13:07	16	200	mL/min	216.99	7.87	0.45	0.59	924	9	1.12	27.5	37.2	Clear	No Odor
13:11	20	200	mL/min	216.99	7.86	0.45	0.59	925	9	1.11	27.5	36.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-66BR-270   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:27.85 °C, rH:16%, Clouds: 0%, Wind:4.12m/s N   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 248.00-271.00   
 **Casing Diameter (in):** 5.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 130.62   
 **Total Depth (ft-bmp):** NA   
 **Water Column(ft):** 140.38   
 **Gallons in Well:** 143.19

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 260   
 **Purge Method:** Volumetric   
 **Purging Equipment:** Dedicated Pump

**Purge Start Time:** 11:57   
 **Total Volume Purged (gallons):** 80   
 **Sample ID:** MW-66BR-270-Q425   
 **Sample Time:** 12:31

**Purge End Time:** 12:13   
 **Well Volumes Purged (total):** 0.56   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:01	0	5	gpm		7.87	9.11	10.21	15706	8	0.41	29.9	145.4	Clear	No Odor
12:05	4	5	gpm		8.06	9.13	10.22	15716	6	0.37	29.8	145.3	Clear	No Odor
12:09	8	5	gpm		8.11	9.09	10.2	15703	6	0.37	30.5	143.5	Clear	No Odor
12:13	12	5	gpm		8.18	9.14	10.23	15746	6	0.25	30	141.1	Clear	No Odor
12:30	0	0	gpm	130.55	7.87	9.14	10.25	15760	12	1.09	26.9	170.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH
Arsenic, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-47-115   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 105.00-115.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 29.18   
 **Total Depth (ft-bmp):** 115.56   
 **Water Column(ft):** 86.38   
 **Liters in Well:** 53.36

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 112   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:53   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-47-115-Q425   
 **Sample Time:** 14:09

**Purge End Time:** 14:08   
 **Well Volumes Purged (total):** 0.08   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:53	0	300	mL/min	29.18	7.09	7.33	8.281	12093	18	1.75	23.3	156.4	Clear	No Odor
13:56	3	300	mL/min	29.19	7.07	8.4	8.373	14129	18	1.54	23.7	151.1	Clear	No Odor
13:59	6	300	mL/min	29.20	7.25	8.82	9.834	14802	18	1.12	23.8	147.1	Clear	No Odor
14:02	9	300	mL/min	29.21	7.3	8.8	9.932	14919	18	0.92	23.8	142.2	Clear	No Odor
14:05	12	300	mL/min	29.21	7.32	8.8	9.936	14922	18	0.94	23.6	137.3	Clear	No Odor
14:08	15	300	mL/min	29.22	7.31	8.8	9.936	14925	17	0.92	23.3	136.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-97-042    **Date(s):** 2025-11-24    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Clear    **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 22.30-42.30    **Casing Diameter (in):** 2.00    **Well Casing Material:**

**Static Water Level (ft-bmp):** 27.01    **Total Depth (ft-bmp):** 41.95    **Water Column(ft):** 14.94    **Liters in Well:** 9.23

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 38    **Purge Method:** Low Flow    **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:23    **Total Volume Purged (liters):** 4.5    **Sample ID:** MW-97-042-Q425    **Sample Time:** 13:39

**Purge End Time:** 13:38    **Well Volumes Purged (total):** 0.49    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:23	0	300	mL/min	27.01	7.37	2.85	3.458	5712	18	2.9	23.6	132.4	Clear	No Odor
13:26	3	300	mL/min	27.01	7.32	1.96	2.424	3684	16	2.65	24.3	128.4	Clear	No Odor
13:29	6	300	mL/min	27.02	7.32	1.96	2.411	3650	16	2.59	24	122.6	Clear	No Odor
13:32	9	300	mL/min	27.03	7.3	1.94	2.398	3645	16	2.47	24.4	121.5	Clear	No Odor
13:35	12	300	mL/min	27.04	7.32	1.94	2.395	3641	16	2.49	24.3	121.1	Clear	No Odor
13:38	15	300	mL/min	27.06	7.31	1.94	2.393	3644	16	2.51	24.4	121.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-97-202   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 191.30-201.30   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 26.37   
 **Total Depth (ft-bmp):** 200.95   
 **Water Column(ft):** 174.58   
 **Liters in Well:** 107.85

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 198   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 13:00   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-97-202-Q425   
 **Sample Time:** 13:16

**Purge End Time:** 13:15   
 **Well Volumes Purged (total):** 0.04   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:00	0	300	mL/min	26.37	6.9	10.68	11.75	17044	15	4	23.1	75.6	Clear	No Odor
13:03	3	300	mL/min	26.38	6.72	11.25	12.31	18659	15	2.19	24.1	72.4	Clear	No Odor
13:06	6	300	mL/min	26.38	6.76	11.37	12.44	19084	12	1.07	24.8	70.7	Clear	No Odor
13:09	9	300	mL/min	26.39	6.76	11.28	12.35	18980	12	0.85	24.9	70.1	Clear	No Odor
13:12	12	300	mL/min	26.40	6.74	11.29	12.35	18985	12	0.83	24.9	72.5	Clear	No Odor
13:15	15	300	mL/min	26.41	6.75	11.29	12.36	18983	12	0.82	24.9	72.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-66-165   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 142.00-162.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 131.58   
 **Total Depth (ft-bmp):** 161.03   
 **Water Column(ft):** 29.45   
 **Liters in Well:** 18.19

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 152   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 14:41   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-66-165-Q425   
 **Sample Time:** 15:02

**Purge End Time:** 15:01   
 **Well Volumes Purged (total):** 0.55   
 **Replicate Type / Replicate ID:** Equipment Blank / EB-732-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:41	0	500	mL/min	131.58	7.78	1.58	1.98	3118	76	1.73	25.3	75.8	Clear	No Odor
14:45	4	500	mL/min	131.65	7.69	1.72	2.01	3286	41	1.84	26.2	73.6	Clear	No Odor
14:49	8	500	mL/min	131.65	7.64	1.87	2.32	3572	22	1.85	26.4	69.9	Clear	No Odor
14:53	12	500	mL/min	131.65	7.61	1.87	2.32	3582	15	1.87	26.4	67.7	Clear	No Odor
14:57	16	500	mL/min	131.65	7.61	1.87	2.32	3585	14	1.88	26.5	67.2	Clear	No Odor
15:01	20	500	mL/min	131.65	7.6	1.87	2.32	3586	14	1.88	26.5	65.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-47-055   
 **Date(s):** 2025-11-24   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 45.00-55.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 29.39   
 **Total Depth (ft-bmp):** 56.62   
 **Water Column(ft):** 27.23   
 **Liters in Well:** 16.82

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 54   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 14:17   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-47-055-Q425   
 **Sample Time:** 14:33

**Purge End Time:** 14:32   
 **Well Volumes Purged (total):** 0.27   
 **Replicate Type / Replicate ID:** Equipment Blank / EB-734-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:17	0	300	mL/min	29.39	7.28	3.37	3.932	6192	9	2.67	21.1	102.7	Clear	No Odor
14:20	3	300	mL/min	29.39	7.32	2.75	3.321	4802	9	2.9	21.8	98.7	Clear	No Odor
14:23	6	300	mL/min	29.40	7.35	2.56	3.107	4532	9	2.7	22.3	95.4	Clear	No Odor
14:26	9	300	mL/min	29.42	7.37	2.52	3.061	4481	9	2.82	22.4	91.2	Clear	No Odor
14:29	12	300	mL/min	29.43	7.38	2.52	3.065	4485	9	2.84	22.3	87.4	Clear	No Odor
14:32	15	300	mL/min	29.44	7.4	2.52	3.063	4482	9	2.82	22.1	85.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-59-100   
 **Date(s):** 2025-11-21   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 86.00-101.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 82.57   
 **Total Depth (ft-bmp):** 100.7   
 **Water Column(ft):** 18.13   
 **Liters in Well:** 11.2

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 98   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:29   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-59-100-Q425   
 **Sample Time:** 09:54

**Purge End Time:** 09:44   
 **Well Volumes Purged (total):** 0.40   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:29	0	300	mL/min	82.57	7.62	2.43	2.964	3627	16	6.84	15.5	163.7	Clear	No Odor
09:32	3	300	mL/min	82.57	7.19	2.24	2.73	3516	15	6.64	16.4	161.4	Clear	No Odor
09:35	6	300	mL/min	82.57	7.09	2.1	2.561	3298	15	6.82	16.4	157.4	Clear	No Odor
09:38	9	300	mL/min	82.57	7.06	2.07	2.515	3185	15	6.75	17.1	152.4	Clear	No Odor
09:41	12	300	mL/min	82.57	7.08	2.07	2.513	3185	15	6.73	17.1	150.2	Clear	No Odor
09:44	15	300	mL/min	82.58	7.09	2.07	2.513	3182	15	6.71	17.3	150.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-57-070    **Date(s):** 2025-11-21    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Clear    **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 55.00-70.00    **Casing Diameter (in):** 2.00    **Well Casing Material:**

**Static Water Level (ft-bmp):** 53.43    **Total Depth (ft-bmp):** 68.6    **Water Column(ft):** 15.17    **Liters in Well:** 9.37

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 65    **Purge Method:** Low Flow    **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:19    **Total Volume Purged (liters):** 4.5    **Sample ID:** MW-57-070-Q425    **Sample Time:** 08:35

**Purge End Time:** 20:34    **Well Volumes Purged (total):** 0.48    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:19	0	300	mL/min	53.43	6.66	0.46	0.598	782	10	1.22	20.6	99.7	Clear	No Odor
08:22	3	300	mL/min	53.44	6.85	0.93	1.157	1718	10	1.07	23	92.4	Clear	No Odor
08:25	6	300	mL/min	53.44	6.93	0.99	1.261	1880	10	1.01	23.1	92.1	Clear	No Odor
08:28	9	300	mL/min	53.45	6.94	1.01	1.263	1882	10	1.03	23.1	92.5	Clear	No Odor
08:31	12	300	mL/min	53.43	6.96	1.01	1.265	1884	10	1.01	23.3	92.1	Clear	No Odor
08:34	15	300	mL/min	53.43	6.97	1.03	1.263	1882	10	1.03	23.3	92.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-57-185   
 **Date(s):** 2025-11-21   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 70.00-184.00   
 **Casing Diameter (in):** 4.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 52.58   
 **Total Depth (ft-bmp):** 180.8   
 **Water Column(ft):** 128.22   
 **Liters in Well:** 316.85

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 178   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:48   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-57-185-Q425   
 **Sample Time:** 09:04

**Purge End Time:** 09:03   
 **Well Volumes Purged (total):** 0.01   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:48	0	300	mL/min	52.58	10.29	0.89	1.144	1740	18	3.99	16.5	122.4	Clear	No Odor
08:51	3	300	mL/min	52.59	10.44	0.61	0.793	1111	15	1.63	20	117.5	Clear	No Odor
08:54	6	300	mL/min	52.60	10.44	0.61	0.793	1110	15	1.4	20	113.2	Clear	No Odor
08:57	9	300	mL/min	52.60	10.44	0.61	0.793	1111	15	1.25	20.1	107.4	Clear	No Odor
09:00	12	300	mL/min	52.61	10.42	0.61	0.791	1113	15	1.22	20.2	105.4	Clear	No Odor
09:03	15	300	mL/min	52.62	10.43	0.61	0.793	1115	15	1.21	20.1	102.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO <sub>3</sub> (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO <sub>3</sub>
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> /NaOH

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** TW-01      **Date(s):** 2025-11-21      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Cloudy      **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 169.00-269.00      **Casing Diameter (in):** 5.00      **Well Casing Material:**

**Static Water Level (ft-bmp):** 165.97      **Total Depth (ft-bmp):** 265.82      **Water Column(ft):** 99.85      **Gallons in Well:** 101.85

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 219      **Purge Method:** Volumetric      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 07:23      **Total Volume Purged (gallons):** 320      **Sample ID:** TW-01-Q425      **Sample Time:** 08:44

**Purge End Time:** 08:43      **Well Volumes Purged (total):** 3.14      **Replicate Type / Replicate ID:** Duplicate / MW-926-Q425      **Equipment Blank / Replicate ID:** EB-729-Q425      **Water Quality Meter/ ID:** Hach 2100-P, YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:23	0	4	gpm	165.97	7.54	7.8	8.79	13388	11	0.84	25.4	75.8	Clear	No Odor
07:33	10	4	gpm	166.11	7.51	7.87	8.87	13668	7	0.77	26.5	72.8	Clear	No Odor
07:43	20	4	gpm	166.11	7.47	7.69	8.69	13377	5	0.72	26.7	70.9	Clear	No Odor
07:53	30	4	gpm	166.11	7.46	7.69	8.69	13370	5	0.69	26.7	68.6	Clear	No Odor
08:03	40	4	gpm	166.11	7.46	7.69	8.69	13353	4	0.63	26.7	65.1	Clear	No Odor
08:13	50	4	gpm	166.11	7.46	7.69	8.69	13349	4	0.62	26.8	63.3	Clear	No Odor
08:23	60	4	gpm	166.11	7.45	7.69	8.69	13345	4	0.61	26.8	61.9	Clear	No Odor
08:33	70	4	gpm	166.11	7.45	7.69	8.69	13342	4	0.63	26.8	61.2	Clear	No Odor
08:43	80	4	gpm	166.11	7.44	7.69	8.69	13339	4	0.64	26.9	60.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Comments: None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-83-090    **Date(s):** 2025-11-20    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** CLEAR, T:15.12 °C, rH:66%, Clouds: 0%, Wind:2.06m/s N    **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 70.00-90.00    **Casing Diameter (in):** 2.00    **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 75.33    **Total Depth (ft-bmp):** 91.82    **Water Column(ft):** 16.49    **Liters in Well:** 10.19

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 85    **Purge Method:** Low Flow    **Purging Equipment:** Submersible Pump

**Purge Start Time:** 10:19    **Total Volume Purged (liters):** 7.5    **Sample ID:** MW-83-090-Q425    **Sample Time:** 10:35

**Purge End Time:** 10:34    **Well Volumes Purged (total):** 0.74    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:22	0	500	mL/min	75.35	8.09	0.96	1.22	1903	23	3.87	25.9	170.9	Clear	No Odor
10:25	3	500	mL/min	75.35	8.04	0.92	1.18	1820	16	3.65	26.5	173.7	Clear	No Odor
10:28	6	500	mL/min	75.35	7.99	0.91	1.16	1795	15	3.61	26.8	173.3	Clear	No Odor
10:31	9	500	mL/min	75.35	7.95	0.9	1.15	1782	15	3.62	26.8	172.1	Clear	No Odor
10:34	12	500	mL/min	75.35	7.92	0.9	1.15	1778	15	3.77	27.3	171.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-83-180   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:15.37 °C, rH:64%, Clouds: 0%, Wind:2.06m/s N   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 160.00-180.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 75.28   
 **Total Depth (ft-bmp):** 181.4   
 **Water Column(ft):** 106.12   
 **Liters in Well:** 65.56

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 170   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 10:58   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-83-180-Q425   
 **Sample Time:** 11:14

**Purge End Time:** 11:13   
 **Well Volumes Purged (total):** 0.11   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:01	0	500	mL/min	75.30	7.85	5.17	6.02	9300	75	1.69	27.8	169	Clear	No Odor
11:04	3	500	mL/min	75.30	7.83	5.37	6.24	9576	54	0.97	28	161.3	Clear	No Odor
11:07	6	500	mL/min	75.30	7.8	5.43	6.3	9704	43	1	27.9	155.4	Clear	No Odor
11:10	9	500	mL/min	75.30	7.77	5.44	6.32	9705	41	1.04	27.8	155.5	Clear	No Odor
11:13	12	500	mL/min	75.30	7.74	5.45	6.33	9719	41	1.07	27.7	158	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
41	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-83-225   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:17.04 °C, rH:57%, Clouds: 0%, Wind:2.57m/s E-SE   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 205.00-225.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 76.32   
 **Total Depth (ft-bmp):** 224.72   
 **Water Column(ft):** 148.4   
 **Liters in Well:** 91.68

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 215   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 11:44   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-83-225-Q425   
 **Sample Time:** 12:00

**Purge End Time:** 11:59   
 **Well Volumes Purged (total):** 0.08   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:47	0	500	mL/min	76.35	7.77	7.06	8.03	12347	137	1.3	26.9	165.1	Clear	No Odor
11:50	3	500	mL/min	76.35	7.75	7.1	8.09	12438	63	1.11	27.2	165.7	Clear	No Odor
11:53	6	500	mL/min	76.35	7.72	7.12	8.1	12409	48	1.09	27.1	164.9	Clear	No Odor
11:56	9	500	mL/min	76.35	7.71	7.13	8.11	12489	47	1.07	26.9	164.5	Clear	No Odor
11:59	12	500	mL/min	76.35	7.68	7.15	8.13	12510	47	1.05	27	164.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
47	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-84-057    **Date(s):** 2025-11-20    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Clear    **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 42.00-57.00    **Casing Diameter (in):** 2.00    **Well Casing Material:**

**Static Water Level (ft-bmp):** 48.21    **Total Depth (ft-bmp):** 58.12    **Water Column(ft):** 9.91    **Liters in Well:** 6.12

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 56    **Purge Method:** Low Flow    **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:07    **Total Volume Purged (liters):** 4.5    **Sample ID:** MW-84-057-Q425    **Sample Time:** 09:23

**Purge End Time:** 09:22    **Well Volumes Purged (total):** 0.74    **Replicate Type / Replicate ID:** N/A    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:07	0	300	mL/min	48.21	7.45	1.24	1.573	2291	16	3.89	22	122.7	Clear	No Odor
09:10	3	300	mL/min	48.22	7.08	1.16	1.475	2195	14	2.8	23.3	120.7	Clear	No Odor
09:13	6	300	mL/min	48.22	7.09	1.16	1.475	2193	14	2.82	23.3	115.4	Clear	No Odor
09:16	9	300	mL/min	48.22	7.06	1.16	1.469	2175	14	2.87	22.9	111.4	Clear	No Odor
09:19	12	300	mL/min	48.23	7.04	1.14	1.462	2172	14	2.83	22.8	111.9	Clear	No Odor
09:22	15	300	mL/min	48.23	7.04	1.12	1.466	2174	14	2.81	22.8	109.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-84-095   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 75.00-95.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 52.4   
 **Total Depth (ft-bmp):** 93   
 **Water Column(ft):** 40.6   
 **Liters in Well:** 25.08

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 91   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:41   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-84-095-Q425   
 **Sample Time:** 08:57

**Purge End Time:** 08:56   
 **Well Volumes Purged (total):** 0.18   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:41	0	300	mL/min	52.40	7.28	3.15	3.77	5532	18	1.09	23.3	108.7	Clear	No Odor
08:44	3	300	mL/min	52.40	7.25	3.49	4.082	6166	18	1.01	24.2	102.4	Clear	No Odor
08:47	6	300	mL/min	52.41	7.27	3.48	4.147	6299	18	0.89	24.3	98.7	Clear	No Odor
08:50	9	300	mL/min	52.43	7.42	3.5	4.173	6358	14	0.85	24.5	98.1	Clear	No Odor
08:53	12	300	mL/min	52.44	7.43	3.52	4.176	6355	14	0.87	24.5	98.6	Clear	No Odor
08:56	15	300	mL/min	52.45	7.44	3.55	4.172	6352	14	0.89	24.4	98.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-84-193   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 173.20-193.20   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 48.28   
 **Total Depth (ft-bmp):** 194.46   
 **Water Column(ft):** 146.18   
 **Liters in Well:** 90.31

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 193   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:54   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-84-193-Q425   
 **Sample Time:** 10:10

**Purge End Time:** 10:09   
 **Well Volumes Purged (total):** 0.05   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:54	0	300	mL/min	48.28	7.16	5.28	6.084	7779	15	3.06	17.8	102.3	Clear	No Odor
09:57	3	300	mL/min	48.29	6.76	5.96	6.831	9259	12	1.43	19	101.4	Clear	No Odor
10:00	6	300	mL/min	48.30	6.65	6.21	7.072	9915	11	1.07	20.4	97.4	Clear	No Odor
10:03	9	300	mL/min	48.31	6.61	6.31	7.202	10121	11	0.9	20.5	92.4	Clear	No Odor
10:06	12	300	mL/min	48.32	6.62	6.32	7.2	10124	11	0.92	20.3	92.1	Clear	No Odor
10:09	15	300	mL/min	48.33	6.63	6.28	7.22	10122	11	0.95	20.2	92.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-85-129   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:10.05 °C, rH:87%, Clouds: 0%, Wind:3.09m/s SW   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 113.80-129.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 115.99   
 **Total Depth (ft-bmp):** 131.24   
 **Water Column(ft):** 15.25   
 **Liters in Well:** 9.42

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 121   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:02   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-85-129-Q425   
 **Sample Time:** 08:18

**Purge End Time:** 08:17   
 **Well Volumes Purged (total):** 0.80   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:05	0	500	mL/min	116.00	7.84	1.05	1.34	2057	9	7.82	25.1	159.6	Clear	No Odor
08:08	3	500	mL/min	116.00	7.87	1.05	1.33	2055	9	7.79	26.1	160	Clear	No Odor
08:11	6	500	mL/min	116.00	7.9	1.04	1.33	2049	8	7.62	26.2	159.8	Clear	No Odor
08:14	9	500	mL/min	116.00	7.92	1.04	1.33	2049	8	7.57	26.4	160.8	Clear	No Odor
08:17	12	500	mL/min	116.00	7.93	1.05	1.33	2044	8	7.59	26.3	160.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-85-217   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:11.9 °C, rH:82%, Clouds: 0%, Wind:2.06m/s E-SE   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 196.70-216.70   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 115.42   
 **Total Depth (ft-bmp):** 217.4   
 **Water Column(ft):** 101.98   
 **Liters in Well:** 63

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 206   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 08:47   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-85-217-Q425   
 **Sample Time:** 09:03

**Purge End Time:** 09:02   
 **Well Volumes Purged (total):** 0.12   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:50	0	500	mL/min	115.45	7.98	4.01	4.75	7303	16	3.13	27.3	160.6	Clear	No Odor
08:53	3	500	mL/min	115.45	7.98	4.01	4.75	7316	13	2.12	27.4	160.3	Clear	No Odor
08:56	6	500	mL/min	115.45	8	4.2	4.93	7640	10	1.92	27.5	159.3	Clear	No Odor
08:59	9	500	mL/min	115.45	8	4.24	5.01	7685	10	1.87	27.6	159.3	Clear	No Odor
09:02	12	500	mL/min	115.45	8	4.3	5.06	7708	10	1.87	27.5	160.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-85-237   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:13.75 °C, rH:71%, Clouds: 0%, Wind:2.06m/s E-SE   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 226.70-236.70   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 115.71   
 **Total Depth (ft-bmp):** 238   
 **Water Column(ft):** 122.29   
 **Liters in Well:** 75.55

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 231   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:31   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-85-237-Q425   
 **Sample Time:** 09:47

**Purge End Time:** 09:46   
 **Well Volumes Purged (total):** 0.10   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:34	0	500	mL/min	115.73	8.11	6.65	7.6	11705	71	1.7	26.3	161.8	Clear	No Odor
09:37	3	500	mL/min	115.73	8.1	8.55	9.6	14847	51	1.41	27.1	162.7	Clear	No Odor
09:40	6	500	mL/min	115.73	8.08	9.49	10.57	16259	47	1.31	27.1	163.7	Clear	No Odor
09:43	9	500	mL/min	115.73	8.07	9.47	10.55	16261	47	1.28	26.9	163.8	Clear	No Odor
09:46	12	500	mL/min	115.73	8.07	9.24	10.31	15857	47	1.24	27.4	163.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
47	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-33-150   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 132.00-152.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 34.56   
 **Total Depth (ft-bmp):** 155.04   
 **Water Column(ft):** 120.48   
 **Liters in Well:** 74.43

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 142   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 12:29   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-33-150-Q425   
 **Sample Time:** 12:50

**Purge End Time:** 12:49   
 **Well Volumes Purged (total):** 0.13   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:29	0	500	mL/min	34.56	7.33	8.85	9.89	14962	11	0.99	25.4	56.8	Clear	No Odor
12:33	4	500	mL/min	34.61	7.41	9.46	10.51	16135	7	0.74	25.5	50.1	Clear	No Odor
12:37	8	500	mL/min	34.61	7.43	9.46	10.51	16362	5	0.69	25.5	47.8	Clear	No Odor
12:41	12	500	mL/min	34.61	7.43	9.46	10.51	16371	4	0.65	25.7	46.6	Clear	No Odor
12:45	16	500	mL/min	34.61	7.44	9.46	10.51	16376	4	0.64	25.7	46.2	Clear	No Odor
12:49	20	500	mL/min	34.61	7.44	9.46	10.51	16379	4	0.62	25.7	45.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

<b>Location ID:</b>	CAB_MIXER_606	<b>Date(s):</b>	2025-11-20	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	Clear	<b>Field Technician:</b>	Cameron stone		
<b>Measuring Pt. Description:</b>	Other	<b>Screen Setting (ft-bgs):</b>	-	<b>Casing Diameter (in):</b>	NA
<b>Static Water Level (ft-bmp):</b>	NA	<b>Total Depth (ft-bmp):</b>	NA	<b>Water Column(ft):</b>	<b>Gallons in Well:</b> NA
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	NA	<b>Purge Method:</b>	NA
<b>Purge Start Time:</b>	NA	<b>Total Volume Purged (gallons):</b>	NA	<b>Sample ID:</b>	CAB_MIXER_606-Q425
<b>Purge End Time:</b>	NA	<b>Well Volumes Purged (total):</b>	NA	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm <sup>e</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
09:35	0				6.57	8096	0	1.82	27.3	20.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

**Comments:** None

**Well Information:**

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

No Photos Found

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

<b>Location ID:</b>	CAB_MIXER_607	<b>Date(s):</b>	2025-11-20	<b>Work Order(s):</b>	PGE_Topock_2025_Q4_V1_FINAL
<b>Client:</b>	Pacific Gas and Electric	<b>Facility:</b>	Topock	<b>Facility Location:</b>	515 National Trails Hwy, Needles, CA 92363, US
<b>Weather:</b>	Clear	<b>Field Technician:</b>	Cameron stone		
<b>Measuring Pt. Description:</b>	Other	<b>Screen Setting (ft-bgs):</b>	-	<b>Casing Diameter (in):</b>	NA
<b>Static Water Level (ft-bmp):</b>	NA	<b>Total Depth (ft-bmp):</b>	NA	<b>Water Column(ft):</b>	<b>Gallons in Well:</b> NA
<b>Depth to Product (ft-bmp):</b>	NA	<b>Pump Intake Depth(ft-bmp):</b>	NA	<b>Purge Method:</b>	NA
<b>Purge Start Time:</b>	NA	<b>Total Volume Purged (gallons):</b>	NA	<b>Sample ID:</b>	CAB_MIXER_607-Q425
<b>Purge End Time:</b>	NA	<b>Well Volumes Purged (total):</b>	NA	<b>Replicate Type / Replicate ID:</b>	N/A
<b>Scope of work completed?</b>	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm <sup>e</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
09:20	0				6.44	7920	4.2	2.59	26.5	45.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

**Comments:** None

**Well Information:**

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

No Photos Found

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Location ID:** MW-33-210   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Sunny   
 **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 190.00-210.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 33.49   
 **Total Depth (ft-bmp):** 222.13   
 **Water Column(ft):** 188.64   
 **Liters in Well:** 116.54

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 200   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Bladder Pump

**Purge Start Time:** 13:17   
 **Total Volume Purged (liters):** 10   
 **Sample ID:** MW-33-210-Q425   
 **Sample Time:** 13:38

**Purge End Time:** 13:37   
 **Well Volumes Purged (total):** 0.09   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:17	0	500	mL/min	33.49	7.58	11.32	12.42	19538	9	0.88	25.4	22.8	Clear	No Odor
13:21	4	500	mL/min	33.55	7.63	11.28	12.37	19258	7	0.77	25.6	14.9	Clear	No Odor
13:25	8	500	mL/min	33.55	7.64	11.28	12.37	19244	5	0.72	25.6	33.8	Clear	No Odor
13:29	12	500	mL/min	33.55	7.64	11.28	12.37	19235	5	0.68	25.6	35.2	Clear	No Odor
13:33	16	500	mL/min	33.55	7.64	11.28	12.37	19229	5	0.65	25.6	35.9	Clear	No Odor
13:37	20	500	mL/min	33.55	7.65	11.28	12.37	19224	5	0.64	25.7	36.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
5	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-37D      **Date(s):** 2025-11-20      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 180.00-200.00      **Casing Diameter (in):** 2.00      **Well Casing Material:**

**Static Water Level (ft-bmp):** 35.83      **Total Depth (ft-bmp):** 225.96      **Water Column(ft):** 190.13      **Liters in Well:** 117.46

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 223      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:38      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-37D-Q425      **Sample Time:** 12:54

**Purge End Time:** 12:53      **Well Volumes Purged (total):** 0.04      **Replicate Type / Replicate ID:** Equipment Blank / EB-728-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:38	0	300	mL/min	35.83	7.61	5.6	6.454	9354	22	3.49	21.9	168.7	Clear	No Odor
12:41	3	300	mL/min	35.84	7.37	5.66	6.528	9737	22	1.97	23.4	162.4	Clear	No Odor
12:44	6	300	mL/min	35.85	7.36	5.67	6.539	9779	19	1.88	23.7	158.7	Clear	No Odor
12:47	9	300	mL/min	35.86	7.33	5.69	6.565	9922	18	1.87	23.9	155.4	Clear	No Odor
12:50	12	300	mL/min	35.87	7.35	5.69	6.563	9926	18	1.89	23.8	152.1	Clear	No Odor
12:53	15	300	mL/min	35.88	7.34	5.67	6.565	9922	18	1.92	23.7	152.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
18	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-83-245   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** CLEAR, T:17.29 °C, rH:56%, Clouds: 0%, Wind:2.06m/s E   
 **Field Technician:** Riggie Tep

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 235.00-245.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:** PVC

**Static Water Level (ft-bmp):** 74.95   
 **Total Depth (ft-bmp):** 246.06   
 **Water Column(ft):** 171.11   
 **Liters in Well:** 105.71

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 240   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 12:22   
 **Total Volume Purged (liters):** 7.5   
 **Sample ID:** MW-83-245-Q425   
 **Sample Time:** 12:38

**Purge End Time:** 12:37   
 **Well Volumes Purged (total):** 0.07   
 **Replicate Type / Replicate ID:** Equipment Blank / EB-727-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:25	0	500	mL/min	74.97	7.64	3.05	3.67	5437	66	4.4	27.8	166.8	Clear	No Odor
12:28	3	500	mL/min	74.97	7.61	5.44	6.28	9597	45	1.45	27.7	168.2	Clear	No Odor
12:31	6	500	mL/min	74.97	7.59	6.45	7.39	11362	40	0.78	27.7	170.1	Clear	No Odor
12:34	9	500	mL/min	74.97	7.6	6.5	7.44	11377	40	0.73	27.8	171	Clear	No Odor
12:37	12	500	mL/min	74.97	7.6	6.56	7.52	11551	40	0.72	27.8	171	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
40	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-33-040    **Date(s):** 2025-11-20    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Sunny    **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 29.00-39.00    **Casing Diameter (in):** 2.00    **Well Casing Material:**

**Static Water Level (ft-bmp):** 33.97    **Total Depth (ft-bmp):** 40.96    **Water Column(ft):** 6.99    **Liters in Well:** 4.32

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 36    **Purge Method:** Low Flow    **Purging Equipment:** Bladder Pump

**Purge Start Time:** 14:44    **Total Volume Purged (liters):** 10    **Sample ID:** MW-33-040-Q425    **Sample Time:** 15:05

**Purge End Time:** 15:04    **Well Volumes Purged (total):** 2.31    **Replicate Type / Replicate ID:** Equipment Blank / MW-33-040-EB-Q424    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:44	0	500	mL/min	33.97	7.88	6.85	7.81	11942	28	0.97	25.6	58.5	Clear	No Odor
14:48	4	500	mL/min	34.01	7.84	6.83	7.79	12006	17	0.62	25.7	55.7	Clear	No Odor
14:52	8	500	mL/min	34.01	7.82	6.83	7.79	11986	11	0.56	25.7	55.1	Clear	No Odor
14:56	12	500	mL/min	34.01	7.82	6.83	7.79	11989	8	0.56	25.7	52.8	Clear	No Odor
15:00	16	500	mL/min	34.01	7.81	6.83	7.79	11984	8	0.53	25.8	52.2	Clear	No Odor
15:04	20	500	mL/min	34.01	7.8	6.83	7.79	11981	8	0.52	25.8	50.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-33-090    **Date(s):** 2025-11-20    **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric    **Facility:** Topock    **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US    **Area:** Default Site

**Weather:** Sunny    **Field Technician:** Nara Tep

**Measuring Pt. Description:** Top of Inner Casing    **Screen Setting (ft-bgs):** 69.00-88.30    **Casing Diameter (in):** 4.00    **Well Casing Material:**

**Static Water Level (ft-bmp):** 34.07    **Total Depth (ft-bmp):** 88.15    **Water Column(ft):** 54.08    **Liters in Well:** 133.64

**Depth to Product (ft-bmp):** NA    **Pump Intake Depth(ft-bmp):** 79    **Purge Method:** Low Flow    **Purging Equipment:** Bladder Pump

**Purge Start Time:** 13:59    **Total Volume Purged (liters):** 10    **Sample ID:** MW-33-090-Q425    **Sample Time:** 14:20

**Purge End Time:** 14:19    **Well Volumes Purged (total):** 0.07    **Replicate Type / Replicate ID:** Equipment Blank / EB-726-Q425    **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:59	0	500	mL/min	34.07	7.41	4.87	6.68	8753	11	0.76	25.8	66.8	Clear	No Odor
14:03	4	500	mL/min	34.11	7.45	4.87	6.68	8769	8	0.71	25.9	60.8	Clear	No Odor
14:07	8	500	mL/min	34.11	7.47	4.87	6.68	8775	6	0.68	25.9	57.7	Clear	No Odor
14:11	12	500	mL/min	34.11	7.47	4.87	6.68	8779	5	0.67	25.9	57.2	Clear	No Odor
14:15	16	500	mL/min	34.11	7.47	4.87	6.68	8782	5	0.64	25.8	55.8	Clear	No Odor
14:19	20	500	mL/min	34.11	7.47	4.87	6.68	8783	5	0.63	25.8	55.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
5	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-37S      **Date(s):** 2025-11-20      **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric      **Facility:** Topock      **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US      **Area:** Default Site

**Weather:** Clear      **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing      **Screen Setting (ft-bgs):** 64.00-84.00      **Casing Diameter (in):** 2.00      **Well Casing Material:**

**Static Water Level (ft-bmp):** 36.97      **Total Depth (ft-bmp):** 86.78      **Water Column(ft):** 49.81      **Liters in Well:** 30.77

**Depth to Product (ft-bmp):** NA      **Pump Intake Depth(ft-bmp):** 84      **Purge Method:** Low Flow      **Purging Equipment:** Submersible Pump

**Purge Start Time:** 11:53      **Total Volume Purged (liters):** 4.5      **Sample ID:** MW-37S-Q425      **Sample Time:** 12:09

**Purge End Time:** 12:08      **Well Volumes Purged (total):** 0.15      **Replicate Type / Replicate ID:** Duplicate / MW-911-Q425      **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:53	0	300	mL/min	36.97	7.3	4.78	5.583	8617	15	1.84	25.4	98.7	Clear	No Odor
11:56	3	300	mL/min	36.98	7.42	4.82	5.568	8818	15	1.8	25.2	101.7	Clear	No Odor
11:59	6	300	mL/min	36.99	7.43	4.86	5.674	8833	15	1.81	25.7	103.7	Clear	No Odor
12:02	9	300	mL/min	36.99	7.44	4.86	5.681	8824	15	1.7	25.6	103.1	Clear	No Odor
12:05	12	300	mL/min	36.99	7.45	4.86	5.684	8826	15	1.72	25.4	103.3	Clear	No Odor
12:08	15	300	mL/min	36.99	7.46	4.86	5.682	8825	15	1.71	25.6	103.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	2	1 L	None

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

**Comments:** None

**Well Information:**

Well Labeled Properly: yes

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA

---



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-84-132   
 **Date(s):** 2025-11-20   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 112.00-132.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 48.41   
 **Total Depth (ft-bmp):** 134.09   
 **Water Column(ft):** 85.68   
 **Liters in Well:** 52.93

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** NA   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 10:37   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-84-132-Q425   
 **Sample Time:** 10:53

**Purge End Time:** 10:52   
 **Well Volumes Purged (total):** 0.09   
 **Replicate Type / Replicate ID:** Duplicate / MW-921-Q425   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:37	0	300	mL/min	48.41	6.88	4.6	5.382	8147	13	2.72	24	168.7	Clear	No Odor
10:40	3	300	mL/min	48.42	6.85	4.56	5.349	8161	13	2.44	24.6	162.4	Clear	No Odor
10:43	6	300	mL/min	48.42	6.85	4.56	5.343	8227	13	2.07	25.1	158.7	Clear	No Odor
10:46	9	300	mL/min	48.43	6.94	4.56	5.343	8251	13	1.9	25.3	155.4	Clear	No Odor
10:49	12	300	mL/min	48.44	6.96	4.58	5.346	8253	13	1.92	25.1	152.7	Clear	No Odor
10:52	15	300	mL/min	48.45	6.96	4.59	5.342	8255	13	1.93	25.2	152.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Hexavalent Chromium (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4_NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

**Comments:** None

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-86-030   
 **Date(s):** 2025-11-19   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 10.00-30.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 13.24   
 **Total Depth (ft-bmp):** 31.6   
 **Water Column(ft):** 18.36   
 **Liters in Well:** 11.34

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 30   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Peristaltic Pump

**Purge Start Time:** 09:45   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-86-030-Q425   
 **Sample Time:** 10:01

**Purge End Time:** 10:00   
 **Well Volumes Purged (total):** 0.40   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:45	0	300	mL/min	13.24	7.01	1.13	1.423	1939	16	1.17	17.4	99.7	Clear	No Odor
09:48	3	300	mL/min	13.25	6.98	1.05	1.332	1782	16	0.86	18.1	97.4	Clear	No Odor
09:51	6	300	mL/min	13.26	6.98	1.05	1.332	1780	16	0.77	18	95.2	Clear	No Odor
09:54	9	300	mL/min	13.27	6.98	1.04	1.319	1759	13	0.56	18	92.4	Clear	No Odor
09:57	12	300	mL/min	13.28	6.99	1.02	1.315	1755	13	0.58	18	92.9	Clear	No Odor
10:00	15	300	mL/min	13.29	6.99	1.02	1.313	1758	13	0.59	18	92.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

**Comments:** None

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-86-066   
 **Date(s):** 2025-11-19   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

**Measuring Pt. Description:** Top of Inner Casing   
 **Screen Setting (ft-bgs):** 46.00-66.00   
 **Casing Diameter (in):** 2.00   
 **Well Casing Material:**

**Static Water Level (ft-bmp):** 13.15   
 **Total Depth (ft-bmp):** 69.31   
 **Water Column(ft):** 56.16   
 **Liters in Well:** 34.69

**Depth to Product (ft-bmp):** NA   
 **Pump Intake Depth(ft-bmp):** 67   
 **Purge Method:** Low Flow   
 **Purging Equipment:** Submersible Pump

**Purge Start Time:** 09:13   
 **Total Volume Purged (liters):** 4.5   
 **Sample ID:** MW-86-066-Q425   
 **Sample Time:** 09:29

**Purge End Time:** 09:28   
 **Well Volumes Purged (total):** 0.13   
 **Replicate Type / Replicate ID:** N/A   
 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>2</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:13	0	300	mL/min	13.15	6.99	4.78	5.531	6512	10	1.08	13.7	168.3	Clear	No Odor
09:16	3	300	mL/min	13.18	7.11	4.95	5.733	7120	10	1.01	13.3	162.4	Clear	No Odor
09:19	6	300	mL/min	13.19	7.04	5.36	6.175	7743	10	0.97	15.4	157.3	Clear	No Odor
09:22	9	300	mL/min	13.19	7.04	5.4	6.214	7775	10	0.95	15.2	153.4	Clear	No Odor
09:25	12	300	mL/min	13.21	7.03	5.42	6.211	7779	10	0.93	15.1	151.3	Clear	No Odor
09:28	15	300	mL/min	13.22	7.02	5.42	6.213	7776	10	0.91	15.3	148.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

**Comments:** None

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute

**Location ID:** MW-86-140   
 **Date(s):** 2025-11-19   
 **Work Order(s):** PGE\_Topock\_2025\_Q4\_V1\_FINAL

**Client:** Pacific Gas and Electric   
 **Facility:** Topock   
 **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US   
 **Area:** Default Site

**Weather:** Clear   
 **Field Technician:** Jyovanny Rebolledo

<b>Measuring Pt. Description:</b>	<b>Screen Setting (ft-bgs):</b> 130.00-140.00	<b>Casing Diameter (in):</b> 2.00	<b>Well Casing Material:</b>
<b>Static Water Level (ft-bmp):</b> 14.32	<b>Total Depth (ft-bmp):</b> 143.49	<b>Water Column(ft):</b> 129.17	<b>Liters in Well:</b> 79.8
<b>Depth to Product (ft-bmp):</b> NA	<b>Pump Intake Depth(ft-bmp):</b> 141	<b>Purge Method:</b> Low Flow	<b>Purging Equipment:</b> Peristaltic Pump
<b>Purge Start Time:</b> 10:18	<b>Total Volume Purged (liters):</b> 4.5	<b>Sample ID:</b> MW-86-140-Q425	<b>Sample Time:</b> 10:34
<b>Purge End Time:</b> 10:33	<b>Well Volumes Purged (total):</b> 0.06	<b>Replicate Type / Replicate ID:</b> N/A	<b>Water Quality Meter/ ID:</b> Hach 2100-P,YSI ProPlus / NA

**Scope of work completed?** Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm <sup>c</sup> )	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:18	0	300	mL/min	14.32	7.23	8.3	9.249	12074	16	0.93	17.9	163.7	Clear	No Odor
10:21	3	300	mL/min	14.32	7.16	8.61	9.584	12590	16	0.62	17.3	158.4	Clear	No Odor
10:24	6	300	mL/min	14.32	7.19	8.74	9.724	12802	16	0.52	17.5	158.1	Clear	No Odor
10:27	9	300	mL/min	14.33	7.25	8.96	9.945	13129	14	0.45	17.6	153.4	Clear	No Odor
10:30	12	300	mL/min	14.34	7.23	8.96	9.942	13135	14	0.43	17.5	151.3	Clear	No Odor
10:33	15	300	mL/min	14.34	7.23	8.96	9.942	13135	14	0.43	17.5	151.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

**Comments:** None

ft-bmp = feet below measuring point  
 in = inches  
 ft = feet  
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
 NTU = Nephelometric Turbidity Unit  
 mg/L = milligrams per liter  
 S.U = standard units  
 mS/cm = milliSiemens per centimeter

mV = millivolts  
 °F = degrees Fahrenheit  
 °C = degrees Celsius  
 gpm = gallons per minute

**Well Information:**

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



**Description:** NA

ft-bmp = feet below measuring point  
in = inches  
ft = feet  
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter  
NTU = Nephelometric Turbidity Unit  
mg/L = milligrams per liter  
S.U = standard units  
mS/cm = milliSiemens per centimeter

mV = millivolts  
°F = degrees Fahrenheit  
°C = degrees Celsius  
gpm = gallons per minute