

Appendix D

Field Sampling Forms, Second 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:	PTI-1D	Date(s):	2025-04-29	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_V1_FINAL				
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Clear and warm			Field Technician:	Cameron Stone				
Measuring Pt. Description:	Ground Surface	Screen Setting (ft-bgs):	-	Casing Diameter (in):				Well Casing Material:	
Static Water Level (ft-bmp):				Total Depth (ft-bmp):				Water Column(ft):	
Depth to Product (ft-bmp):				Pump Intake Depth(ft-bmp):				Purge Method:	
Purge Start Time:				Total Volume Purged (gallons):				Sample ID:	PTI-1D-0425
Purge End Time:				Well Volumes Purged (total):				Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes								

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
07:50	0			#Error	6.6	9614	1.2	1.95	21.6	58.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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-80-057	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	47.4-57.4	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	47.54	Total Depth (ft-bmp):	59	Water Column(ft):	11.46	Liters in Well:	7.08
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	55	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:33	Total Volume Purged (liters):	4.5	Sample ID:	MW-80-057-0425	Sample Time:	11:49
Purge End Time:	11:48	Well Volumes Purged (total):	0.64	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:33	0	300	mL/min	47.54	6.5	5.19	6.052	9995	16	3.36	29.1	180.4	Clear	No Odor
11:36	3	300	mL/min	47.54	6.43	5.27	6.149	10099	16	1.45	28.6	179.8	Clear	No Odor
11:39	6	300	mL/min	47.55	6.43	5.28	6.155	10129	16	0.98	28.6	180	Clear	No Odor
11:42	9	300	mL/min	47.55	6.44	5.3	6.175	10161	16	0.83	28.7	179.6	Clear	No Odor
11:45	12	300	mL/min	47.55	6.42	5.3	6.173	10165	16	0.81	28.5	179.3	Clear	No Odor
11:48	15	300	mL/min	47.56	6.43	5.31	6.175	10163	16	0.83	28.3	179.1	Clear	No Odor

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

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

Location ID:	MW-80-082	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	67-82	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	47.61	Total Depth (ft-bmp):	83.73	Water Column(ft):	36.12	Liters in Well: 22.31
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	80	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	10:58	Total Volume Purged (liters):	4.5	Sample ID:	MW-80-082-0425	Sample Time: 11:14
Purge End Time:	11:13	Well Volumes Purged (total):	0.20	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:58	0	300	mL/min	47.61	6.14	2.24	2.605	4043	10	0.01	30.9	163.1	Clear	No Odor
11:01	3	300	mL/min	47.61	6.19	2.24	5.031	7998	10	0.01	30.7	166.1	Clear	No Odor
11:04	6	300	mL/min	47.62	6.33	5.06	5.915	9805	10	0.01	29.3	172.7	Clear	No Odor
11:07	9	300	mL/min	47.63	6.36	5.13	5.999	9966	10	0.01	29.2	174.6	Clear	No Odor
11:10	12	300	mL/min	47.63	6.34	5.15	5.996	9968	10	0.03	29.3	174.2	Clear	No Odor
11:13	15	300	mL/min	47.64	6.34	5.12	5.993	9969	10	0.02	29.1	174.6	Clear	No Odor

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

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

Location ID:	MW-79-058	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	48-58	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	45.18	Total Depth (ft-bmp):	60.1	Water Column(ft):	14.92	Liters in Well: 9.22
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	57	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	09:36	Total Volume Purged (liters):	4.5	Sample ID:	MW-79-058-0425	Sample Time: 09:52
Purge End Time:	09:51	Well Volumes Purged (total):	0.49	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:36	0	300	mL/min	45.18	5.83	5.07	5.908	9434	13	1.27	27	203.6	Clear	No Odor
09:39	3	300	mL/min	45.18	6.23	5.21	6.064	9694	13	1.2	27.1	194.4	Clear	No Odor
09:42	6	300	mL/min	45.19	6.29	5.22	6.077	9753	13	1.13	27.2	190.9	Clear	No Odor
09:45	9	300	mL/min	45.20	6.31	5.22	6.077	9789	10	1.1	27.5	189.7	Clear	No Odor
09:48	12	300	mL/min	45.20	6.33	5.25	6.075	9785	10	1.07	27.3	190.3	Clear	No Odor
09:51	15	300	mL/min	45.21	6.33	5.25	6.073	9784	10	1.05	27.3	192.3	Clear	No Odor

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

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: _____



Description:

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-79-102	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	92-102	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.21	Total Depth (ft-bmp):	104.2	Water Column(ft):	58.99	Liters in Well:	36.44
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:12	Total Volume Purged (liters):	6	Sample ID:	MW-79-102-0425	Sample Time:	10:28
Purge End Time:	10:27	Well Volumes Purged (total):	0.16	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:12	0	400	mL/min	45.21	6.12	1.09	1.384	2496	10	2.63	28.4	130.8	Clear	No Odor
10:15	3	400	mL/min	45.21	6.01	3.71	4.452	6487	10	1.18	27.9	145.1	Clear	No Odor
10:18	6	400	mL/min	45.21	6.29	5.12	5.973	9685	10	0.9	27.9	171.7	Clear	No Odor
10:21	9	400	mL/min	45.21	6.31	5.12	5.999	9711	10	0.85	27.8	174.6	Clear	No Odor
10:24	12	400	mL/min	45.21	6.33	5.12	5.997	9714	10	0.83	27.5	174.2	Clear	No Odor
10:27	15	400	mL/min	45.21	6.32	5.12	5.999	9716	10	0.81	27.3	174.5	Clear	No Odor

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

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: _____



Description:

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-78-142	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	122-142	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	46.47	Total Depth (ft-bmp):	142.02	Water Column(ft):	95.55	Liters in Well: 59.03
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	138	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	12:30	Total Volume Purged (liters):	4.5	Sample ID:	MW-78-142-0425	Sample Time: 12:46
Purge End Time:	12:45	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:30	0	300	mL/min	46.47	6.68	5.97	6.935	12555	8	1.68	34.1	176.2	Clear	No Odor
12:33	3	300	mL/min	46.47	6.62	5.96	6.916	11961	8	0.86	31.5	175.9	Clear	No Odor
12:36	6	300	mL/min	46.47	6.58	5.96	6.916	11963	8	0.63	31.5	175	Clear	No Odor
12:39	9	300	mL/min	46.48	6.55	5.96	6.916	11944	8	0.52	31.7	176.5	Clear	No Odor
12:42	12	300	mL/min	46.48	6.56	5.95	6.913	11942	8	0.55	31.6	176.1	Clear	No Odor
12:45	15	300	mL/min	46.48	6.56	5.95	6.915	11945	8	0.53	31.6	176.6	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),Barium, dissolved (SW 6020),Manganese, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Location ID:	MW-71-035	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:74.21 °F, rH:11%, Clouds: 0%, Wind:0.89mph S			Field Technician:	Riggie T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	26-36	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	27.95	Total Depth (ft-bmp):	35.57	Water Column(ft):	7.62	Liters in Well: 4.71
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	33	Purge Method:	Low Flow	Purging Equipment: Portable Bladder
Purge Start Time:	08:55	Total Volume Purged (liters):	2.7	Sample ID:	MW-71-035-0425	Sample Time: 09:11
Purge End Time:	09:10	Well Volumes Purged (total):	0.57	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:58	0	500	mL/min	28.55	7.12	4.46	5.25	8005	34	1.69	27.3	88.6	Clear	No Odor
09:01	3	100	mL/min	28.62	7.15	4.07	4.83	7470	32	3.13	27.6	76.3	Clear	No Odor
09:04	6	100	mL/min	28.62	7.18	4.07	4.82	7420	32	3.08	28	76.2	Clear	No Odor
09:07	9	100	mL/min	28.62	7.19	4.05	4.8	7381	31	2.84	27.9	75.9	Clear	No Odor
09:10	12	100	mL/min	28.62	7.2	4.03	4.78	7336	31	3.11	28	77.2	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
31	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:

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-21	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:77.81 °F, rH:9%, Clouds: 0%, Wind:1.07mph SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	39-59	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	49.39	Total Depth (ft-bmp):	58.29	Water Column(ft):	8.9	Liters in Well:	21.99
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	55	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	09:38	Total Volume Purged (liters):	2.7	Sample ID:	MW-21-0425	Sample Time:	09:54
Purge End Time:	09:53	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	Equipment Blank / MW-21-EB-0425	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:41	0	500	mL/min	50.07	7.1	6.44	7.4	11382	37	0.79	29.6	-70.9	Clear	No Odor
09:44	3	100	mL/min	50.13	7.07	6.45	7.41	11413	37	0.51	29.8	-76.9	Clear	No Odor
09:47	6	100	mL/min	50.13	7.07	6.46	7.42	11427	37	0.42	29.5	-77.5	Clear	No Odor
09:50	9	100	mL/min	50.13	7.1	6.46	7.43	11425	37	0.36	29.5	-77.1	Clear	No Odor
09:53	12	100	mL/min	50.13	7.11	6.45	7.42	11425	35	0.32	29.6	-76.6	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
36	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:

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-78-070	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	50-70	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	46.1	Total Depth (ft-bmp):	71.84	Water Column(ft):	25.74	Liters in Well: 15.9
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	68	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	13:07	Total Volume Purged (liters):	6	Sample ID:	MW-78-070-0425	Sample Time: 13:23
Purge End Time:	13:22	Well Volumes Purged (total):	0.38	Replicate Type / Replicate ID:	Equipment Blank / EB-708-Q225	Water Quality Meter/ ID: Hach 2100-P /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:07	0	400	mL/min	46.10	6.77	5.24	6.142	10430	10	1.12	30	178.3	Clear	No Odor
13:10	3	400	mL/min	46.10	6.76	5.21	6.084	10126	10	0.55	29.4	180	Clear	No Odor
13:13	6	400	mL/min	46.11	6.71	5.2	6.077	10093	10	0.98	29.1	182.1	Clear	No Odor
13:16	9	400	mL/min	46.11	6.63	5.25	6.129	10163	10	0.98	29.1	184.2	Clear	No Odor
13:19	12	400	mL/min	46.12	6.65	5.25	6.13	10161	10	0.95	29.1	184.9	Clear	No Odor
13:22	15	400	mL/min	46.12	6.66	5.25	6.131	10163	10	0.93	29.3	186.2	Clear	No Odor

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

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

Location ID:	MW-31-060	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	41.5-61.5	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	38.7	Total Depth (ft-bmp):	61.38	Water Column(ft):	22.68	Liters in Well:	56.05
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	57	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:06	Total Volume Purged (liters):	4.5	Sample ID:	MW-31-060-0425	Sample Time:	10:22
Purge End Time:	10:21	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	Duplicate / MW-901-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:06	0	300	mL/min	38.70	5.17	5.24	6.383	9931	13	2.54	25.6	-6.8	Clear	No Odor
10:09	3	300	mL/min	38.70	5.25	5.3	6.305	9952	13	1.23	25.9	-34.5	Clear	No Odor
10:12	6	300	mL/min	38.70	5.27	5.39	6.308	9960	13	1.12	26	-52.3	Clear	No Odor
10:15	9	300	mL/min	38.71	5.39	5.39	6.31	9975	13	0.98	26.2	-73.9	Clear	No Odor
10:18	12	300	mL/min	38.71	5.38	5.39	6.312	9973	13	0.95	26.2	-80.5	Clear	No Odor
10:21	15	300	mL/min	38.72	5.4	5.39	6.315	9971	13	0.97	26.3	-80.9	Clear	No Odor

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

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


Description:

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-44-125	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	116-125	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	16.26	Total Depth (ft-bmp):	128.75	Water Column(ft):	112.49	Liters in Well:	69.49
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	121	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:44	Total Volume Purged (liters):	7.5	Sample ID:	MW-44-125-0425	Sample Time:	10:00
Purge End Time:	09:59	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	Duplicate / MW-902-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:47	0	500	mL/min	16.28	7.21	5.52	6.37	9787	10	0.25	23.4	-113.3	Clear	No Odor
09:50	3	500	mL/min	16.28	7.17	5.56	6.39	9854	8	0.17	23.5	-111.2	Clear	No Odor
09:53	6	500	mL/min	16.28	7.17	5.57	6.44	9884	8	0.15	23.6	-111.5	Clear	No Odor
09:56	9	500	mL/min	16.28	7.16	5.59	6.44	9921	8	0.13	23.7	-112	Clear	No Odor
09:59	12	500	mL/min	16.28	7.16	5.63	6.49	9988	8	0.12	23.7	-112.6	Clear	No Odor

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

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:


Description:

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-77-187	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	167-187.1	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	25.54	Total Depth (ft-bmp):	188.93	Water Column(ft):	163.39	Liters in Well:	100.94
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	183	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:00	Total Volume Purged (liters):	4.5	Sample ID:	MW-77-187-0425	Sample Time:	13:16
Purge End Time:	13:15	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	Duplicate / MW-903-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:00	0	300	mL/min	25.54	5.86	5.47	6.435	12181	5	0.65	37.1	89.8	Clear	No Odor
13:03	3	300	mL/min	25.54	6.24	5.5	6.467	12255	5	0.44	37.1	103.6	Clear	No Odor
13:06	6	300	mL/min	25.55	6.33	5.5	6.467	12210	5	0.38	36.9	110.5	Clear	No Odor
13:09	9	300	mL/min	25.55	6.34	5.49	6.454	12196	5	0.36	37	113.2	Clear	No Odor
13:12	12	300	mL/min	25.56	6.32	5.49	6.452	12195	5	0.33	37	113.9	Clear	No Odor
13:15	15	300	mL/min	25.56	6.32	5.49	6.45	12194	5	0.31	37	115.4	Clear	No Odor

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

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: _____



Description:

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-26	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	51.5-71.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	46.37	Total Depth (ft-bmp):	69.02	Water Column(ft):	22.65	Liters in Well:	13.99
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:07	Total Volume Purged (liters):	4.5	Sample ID:	MW-26-0425	Sample Time:	11:23
Purge End Time:	11:22	Well Volumes Purged (total):	0.32	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:07	0	300	mL/min	46.37	7.25	4.97	5.811	9641	8	2.5	29.6	150.8	Clear	No Odor
11:10	3	300	mL/min	54.36	6.87	5.2	6.071	9994	8	1.1	28.7	150.8	Clear	No Odor
11:13	6	300	mL/min	54.36	6.66	5.27	6.136	9979	8	0.96	28	155.8	Clear	No Odor
11:16	9	300	mL/min	54.36	6.62	5.27	6.136	9951	8	0.85	27.9	158.5	Clear	No Odor
11:19	12	300	mL/min	54.36	6.65	5.27	6.133	9956	8	0.83	27.7	155.3	Clear	No Odor
11:22	15	300	mL/min	54.37	6.63	5.27	6.131	9959	8	0.81	27.7	155.6	Clear	No Odor

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

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: _____



Description:

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-31-135	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	113-133	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	40.03	Total Depth (ft-bmp):	130.02	Water Column(ft):	89.99	Liters in Well: 55.59
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	128	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	09:21	Total Volume Purged (liters):	4.5	Sample ID:	MW-31-135-0425	Sample Time: 09:37
Purge End Time:	09:36	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:21	0	300	mL/min	40.03	6.35	6.22	7.137	10858	12	7.46	24.8	202.5	Clear	No Odor
09:24	3	300	mL/min	40.03	6.75	6.3	7.215	11203	10	5.06	25.5	195.5	Clear	No Odor
09:27	6	300	mL/min	40.03	6.88	6.31	7.234	11259	10	3.95	25.6	193.4	Clear	No Odor
09:30	9	300	mL/min	40.03	6.86	6.31	7.228	11259	10	2.27	25.6	191.8	Clear	No Odor
09:33	12	300	mL/min	40.04	6.89	6.33	7.223	11253	10	2.22	25.5	193.1	Clear	No Odor
09:36	15	300	mL/min	40.04	6.9	6.33	7.225	11253	10	2.27	25.3	193.1	Clear	No Odor

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

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: _____



Description:

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-44-115	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:79.97 °F, rH:18%, Clouds: 0%, Wind:4.61mph NE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	105-113	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	16.29	Total Depth (ft-bmp):	114.45	Water Column(ft):	98.16	Liters in Well:	60.64
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	109	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:17	Total Volume Purged (liters):	7.5	Sample ID:	MW-44-115-0425	Sample Time:	10:33
Purge End Time:	10:32	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:20	0	500	mL/min	16.32	7.19	7.84	8.84	13604	18	0.22	24.7	21.2	Clear	No Odor
10:23	3	500	mL/min	16.32	7.2	7.82	8.82	13561	14	0.14	24.9	25.7	Clear	No Odor
10:26	6	500	mL/min	16.32	7.21	7.83	8.83	13581	12	0.1	24.8	29.6	Clear	No Odor
10:29	9	500	mL/min	16.32	7.22	7.84	8.84	13595	12	0.09	24.9	32.3	Clear	No Odor
10:32	12	500	mL/min	16.32	7.23	7.85	8.85	13612	12	0.08	25.1	34.3	Clear	No Odor

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

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

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:

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:	PT6D	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	95-105	Casing Diameter (in):	Well Casing Material:	
Static Water Level (ft-bmp):	20.88	Total Depth (ft-bmp):	106.05	Water Column(ft):	85.17	Liters in Well:
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	11:23	Total Volume Purged (liters):	7.5	Sample ID:	PT6D-0425	Sample Time: 11:39
Purge End Time:	11:38	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Duplicate / MW-904-Q225	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:26	0	500	mL/min	20.90	7.18	3.5	4.17	6423	19	0.24	23.9	16.5	Clear	No Odor
11:29	3	500	mL/min	20.90	7.17	3.5	4.16	6406	7	0.19	24	34.8	Clear	No Odor
11:32	6	500	mL/min	20.90	7.16	3.49	4.16	6402	6	0.15	24	42.4	Clear	No Odor
11:35	9	500	mL/min	20.90	7.16	3.49	4.16	6400	6	0.12	24	48.3	Clear	No Odor
11:38	12	500	mL/min	20.90	7.16	3.49	4.15	6397	6	0.11	24.1	51	Clear	No Odor

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

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

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:

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-34-100	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	89.5-99.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	4.99	Total Depth (ft-bmp):	115.72	Water Column(ft):	110.73	Liters in Well:	68.41
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:50	Total Volume Purged (liters):	7.5	Sample ID:	MW-34-100-0425	Sample Time:	11:06
Purge End Time:	11:05	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:53	0	500	mL/min	5.02	7.18	6.5	7.4	11391	8	0.27	20.2	-56.9	Clear	No Odor
10:56	3	500	mL/min	5.02	7.13	6.22	7.11	10993	6	0.16	20.3	-62.4	Clear	No Odor
10:59	6	500	mL/min	5.02	7.12	5.78	6.63	10221	6	0.12	20.3	-82.7	Clear	No Odor
11:02	9	500	mL/min	5.02	7.14	5.79	6.65	10220	6	0.1	20.3	-87.1	Clear	No Odor
11:05	12	500	mL/min	5.02	7.16	5.89	6.75	10383	6	0.08	20.3	-85.9	Clear	No Odor

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

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

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:

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-46-175	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	165-175	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.05	Total Depth (ft-bmp):	176.01	Water Column(ft):	148.96	Liters in Well:	92.02
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	170	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:58	Total Volume Purged (liters):	7.5	Sample ID:	MW-46-175-0425	Sample Time:	09:14
Purge End Time:	09:13	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:01	0	500	mL/min	27.08	7.12	9.68	10.72	16495	16	0.48	23.4	68.2	Clear	No Odor
09:04	3	500	mL/min	27.08	7.17	9.69	10.73	16509	14	0.33	23.5	64	Clear	No Odor
09:07	6	500	mL/min	27.08	7.19	9.7	10.74	16512	14	0.29	23.5	63.1	Clear	No Odor
09:10	9	500	mL/min	27.08	7.18	9.7	10.74	16514	14	0.28	23.5	63.1	Clear	No Odor
09:13	12	500	mL/min	27.08	7.17	9.69	10.73	16511	14	0.32	23.6	63.6	Clear	No Odor

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

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

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:

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-51	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	97-112	Casing Diameter (in):	4	Well Casing Material:
Static Water Level (ft-bmp):	45.46	Total Depth (ft-bmp):	112.96	Water Column(ft):	67.5	Liters in Well: 166.8
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	110	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	12:03	Total Volume Purged (liters):	6	Sample ID:	MW-51-0425	Sample Time: 12:19
Purge End Time:	12:18	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:03	0	400	mL/min	45.46	6.07	1.4	1.748	3279	16	2.13	30.4	119.5	Clear	No Odor
12:06	3	400	mL/min	45.46	5.78	2.3	2.872	4710	16	0.59	29.3	82	Clear	No Odor
12:09	6	400	mL/min	45.46	5.52	2.3	3.243	5266	13	0.43	29.1	61	Clear	No Odor
12:12	9	400	mL/min	45.46	6.05	2.72	3.321	5478	13	0.42	29	73.3	Clear	No Odor
12:15	12	400	mL/min	45.46	6.02	2.71	3.323	5475	13	0.44	29.2	73.6	Clear	No Odor
12:18	15	400	mL/min	45.46	6.02	2.71	3.326	5473	13	0.446	29.2	73.1	Clear	No Odor

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

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



Description:

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:	PT5D	Date(s):	2025-04-09	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	95-105	Casing Diameter (in):	Well Casing Material:	
Static Water Level (ft-bmp):	18.11	Total Depth (ft-bmp):	105.09	Water Column(ft):	86.98	Liters in Well:
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	11:59	Total Volume Purged (liters):	7.5	Sample ID:	PT5D-0425	Sample Time: 12:15
Purge End Time:	12:14	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Equipment Blank / EB-705-Q225	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:02	0	500	mL/min	18.12	7.21	4.16	4.91	7559	24	0.18	25.3	-8	Clear	No Odor
12:05	3	500	mL/min	18.12	7.2	4.15	4.9	7532	10	0.14	25.4	10.6	Clear	No Odor
12:08	6	500	mL/min	18.12	7.19	4.15	4.89	7523	9	0.11	25.1	26.2	Clear	No Odor
12:11	9	500	mL/min	18.12	7.18	4.15	4.89	7521	9	0.09	25.1	32	Clear	No Odor
12:14	12	500	mL/min	18.12	7.18	4.14	4.88	7513	9	0.08	25.4	35.3	Clear	No Odor

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

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

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:

Location ID:	MW-81-043	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	22.8-42.8	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	22.2	Total Depth (ft-bmp):	42.9	Water Column(ft):	20.7	Liters in Well:	12.79
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	40	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:27	Total Volume Purged (liters):	4.5	Sample ID:	MW-81-043-0425	Sample Time:	10:43
Purge End Time:	10:42	Well Volumes Purged (total):	0.35	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:27	0	300	mL/min	22.20	6.48	5.75	6.343	10544	13	3.17	27	177	Clear	No Odor
10:30	3	300	mL/min	22.20	6.56	5.77	6.669	10694	13	1.56	27.2	175.9	Clear	No Odor
10:33	6	300	mL/min	22.20	6.55	5.76	6.669	10702	11	1.48	27.3	175.9	Clear	No Odor
10:36	9	300	mL/min	22.20	6.55	5.79	6.675	10737	11	1.27	27.4	175.9	Clear	No Odor
10:39	12	300	mL/min	22.21	6.57	5.75	6.673	10735	11	1.25	27.6	175.5	Clear	No Odor
10:42	15	300	mL/min	22.21	6.59	5.75	6.673	10733	11	1.22	27.6	175.3	Clear	No Odor

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

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:



Description:

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-20-070	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	50-70	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	44.31	Total Depth (ft-bmp):	68.38	Water Column(ft):	24.07	Liters in Well:	59.48
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	60	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:06	Total Volume Purged (liters):	7.5	Sample ID:	MW-20-070-0425	Sample Time:	11:22
Purge End Time:	11:21	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:09	0	500	mL/min	44.35	7.33	1.55	1.95	3000	23	5.79	28.9	81.6	Clear	No Odor
11:12	3	500	mL/min	44.35	7.33	1.56	1.95	3006	23	5.43	28.8	81.1	Clear	No Odor
11:15	6	500	mL/min	44.35	7.31	1.55	1.95	3002	23	5.31	28.9	81.5	Clear	No Odor
11:18	9	500	mL/min	44.35	7.3	1.56	1.95	3006	23	5.29	28.9	81.9	Clear	No Odor
11:21	12	500	mL/min	44.35	7.29	1.56	1.96	3018	23	5.25	28.8	82	Clear	No Odor

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

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-36-100	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	88-98	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	13.94	Total Depth (ft-bmp):	109.71	Water Column(ft):	95.77	Liters in Well: 59.16
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	103	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	13:05	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-100-0425	Sample Time: 13:21
Purge End Time:	13:21	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:05	0	300	mL/min	13.94	5.57	7.77	8.833	15748	13	1.51	33.7	77.8	Clear	No Odor
13:08	3	300	mL/min	13.94	6.31	7.81	8.937	13372	13	1.21	34.7	155.3	Clear	No Odor
13:11	6	300	mL/min	13.94	6.37	7.36	8.476	15545	13	1.18	34.6	168.1	Clear	No Odor
13:14	9	300	mL/min	13.94	6.37	6.98	8.021	14491	13	1.13	34.1	173.8	Clear	No Odor
13:17	12	300	mL/min	13.95	6.39	6.98	8.025	14493	13	1.11	34.2	173.3	Clear	No Odor
13:20	15	300	mL/min	13.95	6.39	6.98	8.025	14490	13	1.14	34.5	173.9	Clear	No Odor

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

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


Description:

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-39-070	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	60-70	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	12.8	Total Depth (ft-bmp):	71.23	Water Column(ft):	58.43	Liters in Well:	9.02
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	68	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:32	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-070-0425	Sample Time:	13:48
Purge End Time:	13:48	Well Volumes Purged (total):	0.50	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:32	0	300	mL/min	12.80	6.21	1.12	1.436	2538	8	1.21	32.2	130.5	Clear	No Odor
13:35	3	300	mL/min	12.80	6.69	1.12	1.43	2435	8	1.06	30.6	169.5	Clear	No Odor
13:38	6	300	mL/min	12.80	6.66	1.14	1.43	2433	8	1.03	30.6	169.8	Clear	No Odor
13:41	9	300	mL/min	12.80	6.67	1.11	1.43	2429	8	1.06	30.5	170.2	Clear	No Odor
13:44	12	300	mL/min	12.81	6.68	1.09	1.432	2431	8	1.03	30.3	170.9	Clear	No Odor
13:47	15	300	mL/min	12.81	6.68	1.09	1.43	2433	8	1.01	30.3	172.3	Clear	No Odor

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

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: _____



Description:

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-39-080	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	70-80	Casing Diameter (in):	1	Well Casing Material:
Static Water Level (ft-bmp):	12.7	Total Depth (ft-bmp):	81.92	Water Column(ft):	69.22	Liters in Well: 10.69
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	86	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	11:51	Total Volume Purged (liters):	6	Sample ID:	MW-39-080-0425	Sample Time: 12:07
Purge End Time:	12:06	Well Volumes Purged (total):	0.56	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:51	0	400	mL/min	12.70	6.61	4.65	5.473	8332	11	1.07	23.9	184.3	Clear	No Odor
11:54	3	400	mL/min	12.70	6.66	4.19	4.933	7463	11	0.51	24.1	184.7	Clear	No Odor
11:57	6	400	mL/min	12.70	6.65	4.16	4.894	7401	11	0.44	24	184.9	Clear	No Odor
12:00	9	400	mL/min	12.70	6.66	4.19	4.933	7479	11	0.39	24.3	185.8	Clear	No Odor
12:03	12	400	mL/min	12.70	6.67	4.22	4.931	7476	11	0.32	24.2	188	Clear	No Odor
12:06	15	400	mL/min	12.70	6.65	4.22	4.933	7473	11	0.34	24.4	188.6	Clear	No Odor

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

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: _____



Description:

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-39-100	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	80-100	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	12.84	Total Depth (ft-bmp):	102.5	Water Column(ft):	89.66	Liters in Well: 55.39
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):		Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	11:25	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-100-0425	Sample Time: 11:41
Purge End Time:	11:40	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	MS/MSD / MW-39-100 -0425	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:25	0	300	mL/min	12.84	6.58	10.24	11.12	15782	19	1.46	23.3	180.5	Clear	No Odor
11:28	3	300	mL/min	12.84	6.6	10.69	11.76	17587	19	0.6	23.4	179.4	Clear	No Odor
11:31	6	300	mL/min	12.84	6.56	9.91	10.99	16431	17	0.49	23.5	179.8	Clear	No Odor
11:34	9	300	mL/min	12.84	6.55	9.78	10.82	16431	12	0.42	23.7	180	Clear	No Odor
11:37	12	300	mL/min	12.84	6.53	9.78	10.81	16434	12	0.4	23.6	180.6	Clear	No Odor
11:40	15	300	mL/min	12.84	6.53	9.78	10.81	16434	12	0.4	23.6	180.6	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	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: _____



Description:

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-81-098	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	78-98	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	25.56	Total Depth (ft-bmp):	99.25	Water Column(ft):	73.69	Liters in Well: 45.52
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	09:57	Total Volume Purged (liters):	4.5	Sample ID:	MW-81-098-0425	Sample Time: 10:13
Purge End Time:	10:12	Well Volumes Purged (total):	0.10	Replicate Type / Replicate ID:	MS/MSD / MW-81-098-0425	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:57	0	300	mL/min	22.56	5.83	5.47	6.337	7580	16	1.78	26.1	187.4	Clear	No Odor
10:00	3	300	mL/min	22.56	6.19	5.49	6.357	10058	16	1.47	26.5	154.7	Clear	No Odor
10:03	6	300	mL/min	22.57	6.44	5.49	6.363	10057	12	1.42	26.4	167.8	Clear	No Odor
10:06	9	300	mL/min	22.57	6.48	5.49	6.363	10054	12	1.23	26.4	170.9	Clear	No Odor
10:09	12	300	mL/min	22.57	6.5	5.51	6.365	10053	12	1.21	26.2	170.5	Clear	No Odor
10:12	15	300	mL/min	22.57	6.5	5.51	6.363	10055	12	1.23	26.4	170.3	Clear	No Odor

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

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

Location ID:	MW-20-130	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:85.95 °F, rH:15%, Clouds: 0%, Wind:5.75mph E-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	121-131	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	45.06	Total Depth (ft-bmp):	129.55	Water Column(ft):	84.49	Liters in Well:	208.79
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	126	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:45	Total Volume Purged (liters):	7.5	Sample ID:	MW-20-130-0425	Sample Time:	12:01
Purge End Time:	12:00	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:48	0	500	mL/min	45.08	7.28	4.84	5.68	8742	21	0.9	30.2	70.7	Clear	No Odor
11:51	3	500	mL/min	45.08	7.24	4.89	5.73	8826	18	0.59	30	65.9	Clear	No Odor
11:54	6	500	mL/min	45.08	7.21	4.9	5.74	8831	16	0.51	30.2	64.8	Clear	No Odor
11:57	9	500	mL/min	45.08	7.2	4.9	5.75	8845	16	0.48	30	64.4	Clear	No Odor
12:00	12	500	mL/min	45.08	7.19	4.89	5.74	8844	16	0.46	30.1	64	Clear	No Odor

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

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



Description:

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-02D	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:77.34 °F, rH:15%, Clouds: 0%, Wind:0mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113-148	Casing Diameter (in):	6	Well Casing Material:	
Static Water Level (ft-bmp):	38.5	Total Depth (ft-bmp):	149.61	Water Column(ft):	111.11	Gallons in Well:	163.2
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	131	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:50	Total Volume Purged (gallons):	20	Sample ID:	TW-02D-0425	Sample Time:	10:11
Purge End Time:	10:10	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:54	0	1	gpm	38.60	7.34	4.25	5.03	7737	20	0.18	28.5	45.8	Clear	No Odor
09:58	4	1	gpm	38.60	7.34	4.25	5.03	7735	8	0.15	28.5	45.5	Clear	No Odor
10:02	8	1	gpm	38.60	7.34	4.25	5.03	7735	6	0.16	28.5	44.2	Clear	No Odor
10:06	12	1	gpm	38.60	7.34	4.25	5.03	7732	6	0.13	28.5	43.4	Clear	No Odor
10:10	16	1	gpm	38.60	7.35	4.25	5.03	7734	6	0.13	28.5	42.8	Clear	No Odor

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

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

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:


Description:

Description:

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-02S	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	42.5-92.5	Casing Diameter (in):	6	Well Casing Material:	
Static Water Level (ft-bmp):	38.49	Total Depth (ft-bmp):	96.27	Water Column(ft):	57.78	Gallons in Well:	84.87
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:13	Total Volume Purged (gallons):	20	Sample ID:	TW-02S-0425	Sample Time:	09:34
Purge End Time:	09:33	Well Volumes Purged (total):	0.24	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:17	0	1	gpm	38.60	7.23	4.07	4.82	7424	7	0.67	28.4	71.6	Clear	No Odor
09:21	4	1	gpm	38.60	7.25	4.07	4.82	7422	4	0.61	28.5	68.8	Clear	No Odor
09:25	8	1	gpm	38.60	7.26	4.07	4.83	7428	4	0.54	28.6	67.4	Clear	No Odor
09:29	12	1	gpm	38.60	7.26	4.07	4.83	7432	4	0.51	28.6	66.4	Clear	No Odor
09:33	16	1	gpm	38.60	7.25	4.07	4.83	7432	4	0.51	28.6	66.3	Clear	No Odor

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

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:


Description:

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-03D	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	111-156	Casing Diameter (in):	8	Well Casing Material:	
Static Water Level (ft-bmp):	38.22	Total Depth (ft-bmp):	152.32	Water Column(ft):	114.1	Gallons in Well:	297.94
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	135	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:21	Total Volume Purged (gallons):	20	Sample ID:	TW-03D-0425	Sample Time:	10:42
Purge End Time:	10:41	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:25	0	1	gpm	38.25	7.35	4.13	4.89	7525	7	0.33	28.6	63.4	Clear	No Odor
10:29	4	1	gpm	38.25	7.34	4.27	5.05	7766	5	0.17	28.7	55.4	Clear	No Odor
10:33	8	1	gpm	38.25	7.34	4.36	5.15	7923	5	0.08	28.7	49.4	Clear	No Odor
10:37	12	1	gpm	38.25	7.35	4.37	5.16	7931	5	0.06	28.7	47.3	Clear	No Odor
10:41	16	1	gpm	38.25	7.34	4.37	5.16	7932	5	0.05	28.7	45.8	Clear	No Odor

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

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:


Description:

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-20-100	Date(s):	2025-04-08	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:90.1 °F, rH:15%, Clouds: 0%, Wind:6.91mph NE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	89.5-99.5	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	44.63	Total Depth (ft-bmp):	98.08	Water Column(ft):	53.45	Liters in Well:	132.08
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	12:21	Total Volume Purged (liters):	7.5	Sample ID:	MW-20-100-0425	Sample Time:	12:37
Purge End Time:	12:36	Well Volumes Purged (total):	0.06	Replicate Type / Replicate ID:	Equipment Blank / EB-703-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:24	0	500	mL/min	44.66	7.3	2.03	2.51	3876	11	3.15	30.7	74	Clear	No Odor
12:27	3	500	mL/min	44.66	7.26	2.06	2.55	3925	9	3.25	30.4	76.3	Clear	No Odor
12:30	6	500	mL/min	44.66	7.25	2.35	2.89	4443	7	1.74	30.4	75.7	Clear	No Odor
12:33	9	500	mL/min	44.66	7.25	2.4	2.94	4528	7	1.63	30.3	74.9	Clear	No Odor
12:36	12	500	mL/min	44.66	7.24	2.4	2.95	4538	7	1.59	30.3	75.1	Clear	No Odor

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

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



Description:

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-76-156	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	136-156	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	25.65	Total Depth (ft-bmp):	157.03	Water Column(ft):	131.38	Liters in Well: 81.16
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	153	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	14:19	Total Volume Purged (liters):	6	Sample ID:	MW-76-156-0425	Sample Time: 14:35
Purge End Time:	14:34	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:19	0	400	mL/min	25.65	6.76	5.28	6.207	11498	13	3.03	35.6	165.6	Clear	No Odor
14:22	3	400	mL/min	25.65	6.54	5.26	6.181	11214	13	1.48	34.3	167.1	Clear	No Odor
14:25	6	400	mL/min	25.65	6.5	5.24	6.149	11046	13	1.06	33.8	167.1	Clear	No Odor
14:28	9	400	mL/min	25.66	6.48	5.22	6.136	10986	13	0.67	33.6	166.9	Clear	No Odor
14:31	12	400	mL/min	25.66	6.5	5.23	6.134	10985	13	0.65	33.6	168.2	Clear	No Odor
14:34	15	400	mL/min	25.66	6.51	5.23	6.134	10983	13	0.67	33.8	168.5	Clear	No Odor

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

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-76-039	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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:85.48 °F, rH:14%, Clouds: 0%, Wind:6.64mph S-SE			Field Technician:	Riggie Tep	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	24-39	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	25.17	Total Depth (ft-bmp):	38.61	Water Column(ft):	13.44	Liters in Well: 8.3
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	33	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	13:15	Total Volume Purged (liters):	7.5	Sample ID:	MW-76-039-0425	Sample Time: 13:31
Purge End Time:	13:30	Well Volumes Purged (total):	0.90	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:18	0	500	mL/min	25.20	7.39	4.05	4.81	7415	48	1.38	30.5	-2.1	Clear	No Odor
13:21	3	500	mL/min	25.20	7.38	4.05	4.81	7408	30	1.31	30.3	27.1	Clear	No Odor
13:24	6	500	mL/min	25.20	7.36	4.05	4.81	7412	28	1.29	30.3	42.7	Clear	No Odor
13:27	9	500	mL/min	25.20	7.34	4.05	4.81	7406	28	1.27	30.4	49.2	Clear	No Odor
13:30	12	500	mL/min	25.20	7.32	4.05	4.81	7400	27	1.22	30.5	50.3	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
27	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:

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-76-181	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	171-181	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	25.85	Total Depth (ft-bmp):	182.7	Water Column(ft):	156.85	Liters in Well:	96.9
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	178	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:33	Total Volume Purged (liters):	6	Sample ID:	MW-76-181-0425	Sample Time:	14:49
Purge End Time:	13:48	Well Volumes Purged (total):	0.06	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:33	0	400	mL/min	25.85	6.62	5.35	6.311	12219	16	2.71	38.5	180.7	Clear	No Odor
13:36	3	400	mL/min	25.86	6.64	5.32	6.279	12004	16	1.41	37.7	169.3	Clear	No Odor
13:39	6	400	mL/min	25.86	6.64	5.32	6.272	11976	16	1.03	37.7	170.3	Clear	No Odor
13:42	9	400	mL/min	25.86	6.63	5.32	6.272	11995	16	1	37.7	170	Clear	No Odor
13:45	12	400	mL/min	25.86	6.65	5.32	6.27	11993	16	1.01	37.5	170.4	Clear	No Odor
13:48	15	400	mL/min	25.87	6.64	5.32	6.27	11995	16	1.02	37.4	170.2	Clear	No Odor

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

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: _____



Description:

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-76-218	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_Apr_Monthly_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):	198-218	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	28.26	Total Depth (ft-bmp):	219.72	Water Column(ft):	191.46	Liters in Well: 118.28
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	210	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	12:49	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-218-0425	Sample Time: 13:05
Purge End Time:	13:04	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:49	0	300	mL/min	25.26	6.31	5.353	6.311	12097	13	4.29	38.4	197.5	Clear	No Odor
12:52	3	300	mL/min	25.26	6.56	6.376	6.376	12278	13	3.64	38.2	189.5	Clear	No Odor
12:55	6	300	mL/min	25.26	6.56	5.4	6.376	12299	13	3.39	38.3	188.7	Clear	No Odor
12:58	9	300	mL/min	25.27	6.62	5.4	6.37	12330	12	2.53	38.6	190.3	Clear	No Odor
13:01	12	300	mL/min	25.27	6.65	5.41	6.372	12333	11	2.55	38.4	192.4	Clear	No Odor
13:04	15	300	mL/min	25.27	6.64	5.41	6.372	12332	11	2.53	38.4	192.9	Clear	No Odor

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

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

Comments: None

Well Information:

Well Labeled Properly: yes

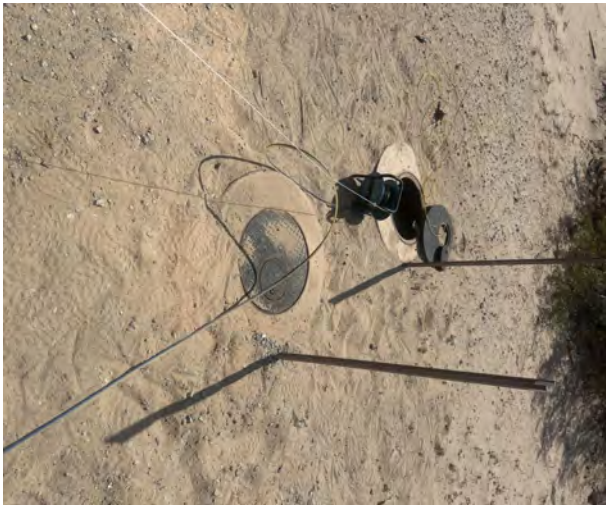
ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

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: _____



Description:

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:

CAB_MIXER_606

Date(s):

2025-06-11

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

84F to 112F

Field Technician:

Dalon Whitten

Measuring Pt. Description:

sample port

Screen Setting (ft-bgs):

-

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

CAB_MIXER_606-Q225

Sample Time:

08:45

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
08:42	0			#Error	6.52	6561	2.9	1.73	26.2	66.7	Clear	Slight ethanol smell

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:

Is Well in Good Condition?

Well Inspection Comments:

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:

CAB_MIXER_607

Date(s):

2025-06-11

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

84F - 112F

Field Technician:

Dalon Whitten

Measuring Pt. Description:

sample port

Screen Setting (ft-bgs):

-

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

CAB_MIXER_607-Q225

Sample Time:

09:00

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
08:58	0			#Error	7	6720	3.9	1.2	27.3	37.8	Clear	Slight

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:

Is Well in Good Condition?

Well Inspection Comments:

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:	ER-01	Date(s):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	6	Well Casing Material:	
Static Water Level (ft-bmp):	47.8	Total Depth (ft-bmp):	141.21	Water Column(ft):	93.41	Gallons in Well:	137.2
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	130	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	12:02	Total Volume Purged (gallons):	138	Sample ID:	ER-01-Q225	Sample Time:	12:49
Purge End Time:	12:48	Well Volumes Purged (total):	1.01	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:10	0	3	gpm	48.00	7.06	6.02	6.95	10705	10	0.33	29.1	-13	Clear	No Odor
12:18	8	3	gpm	48.00	7.01	5.91	6.83	10526	6	0.21	29.1	-13.4	Clear	No Odor
12:26	16	3	gpm	48.00	6.97	5.91	6.83	10510	5	0.15	29.1	-13.3	Clear	No Odor
12:34	24	3	gpm	48.00	6.94	6.21	7.16	11034	4	0.12	29.1	-13	Clear	No Odor
12:42	32	3	gpm	48.00	6.95	6.22	7.16	11014	4	0.09	29.2	-12.9	Clear	No Odor
12:48	38	3	gpm	48.00	6.95	6.23	7.17	11031	4	0.08	29.2	-13.1	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:

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:

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:	ER-02	Date(s):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	6	Well Casing Material:	PVC
Static Water Level (ft-bmp):	49.45	Total Depth (ft-bmp):	136.2	Water Column(ft):	86.75	Gallons in Well:	127.42
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	120	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	13:04	Total Volume Purged (gallons):	129	Sample ID:	ER-02-Q225	Sample Time:	13:49
Purge End Time:	13:47	Well Volumes Purged (total):	1.01	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:12	0	3	gpm	49.60	6.91	6.19	7.12	10981	7	0.16	28.1	-183	Clear	No Odor
13:20	8	3	gpm	49.60	7.07	5.56	6.45	9914	6	0.17	29	-91.2	Clear	No Odor
13:28	16	3	gpm	49.60	7.07	5.55	6.44	9919	6	0.15	29.1	-104.7	Clear	No Odor
13:36	24	3	gpm	49.60	7.08	7.04	6.61	9922	5	0.13	29.2	-113.3	Clear	No Odor
13:44	32	3	gpm	49.60	7.08	5.51	6.42	9995	5	0.12	29	-121.1	Clear	No Odor
13:47	35	3	gpm	49.60	7.08	5.43	6.31	9981	5	0.12	28.8	-116.6	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:

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:

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:	ER-03	Date(s):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	-	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	60.8	Total Depth (ft-bmp):	160.54	Water Column(ft):	99.74	Gallons in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	155	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	14:25	Total Volume Purged (gallons):	10	Sample ID:	ER-03-Q225	Sample Time:	14:46
Purge End Time:	14:45	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Equipment Blank / EB-748-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:25	0	0.5	gpm	60.80	8.04	11.52	12.8	24522	16	3.64	37.3	72	Clear	No Odor
14:29	4	0.5	gpm	60.82	8.39	12.23	13.44	24072	8	0.03	35.5	73.9	Clear	No Odor
14:33	8	0.5	gpm	60.82	8.38	12.21	13.46	24122	8	0.04	35.1	80.4	Clear	No Odor
14:37	12	0.5	gpm	60.85	8.4	12.21	13.44	24126	8	0.04	35.3	83.7	Clear	No Odor
14:41	16	0.5	gpm	60.85	8.43	12.21	13.46	24135	8	0.02	35.5	83.9	Clear	No Odor
14:45	20	0.5	gpm	60.85	8.45	12.21	13.44	24139	8	0.04	35.2	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
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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:	ER-04	Date(s):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	6	Well Casing Material:	PVC
Static Water Level (ft-bmp):	64.13	Total Depth (ft-bmp):	159.2	Water Column(ft):	95.07	Gallons in Well:	139.64
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	112	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	14:23	Total Volume Purged (gallons):	141	Sample ID:	ER-04-Q225	Sample Time:	15:12
Purge End Time:	15:11	Well Volumes Purged (total):	1.01	Replicate Type / Replicate ID:	Equipment Blank / EB-747-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:31	0	3	gpm	64.30	7.1	10.22	11.32	17427	9	1.42	28.1	-68.4	Clear	No Odor
14:39	8	3	gpm	64.30	7.07	10.19	11.29	17374	4	0.99	28	-76.6	Clear	No Odor
14:47	16	3	gpm	64.30	7.03	10.2	11.3	17369	2	0.84	28	-82.8	Clear	No Odor
14:55	24	3	gpm	64.30	7.02	10.21	11.31	17366	2	0.63	28	-91.8	Clear	No Odor
15:03	32	3	gpm	64.30	7.02	10.19	11.3	17396	2	0.61	28	-98.8	Clear	No Odor
15:10	39	3	gpm	64.30	7.03	10.2	11.3	17370	2	0.6	28	-97.9	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
2	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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:	FW-02B-127	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	11	Well Casing Material:	PVC
Static Water Level (ft-bmp):	97.77	Total Depth (ft-bmp):	140.03	Water Column(ft):	42.26	Gallons in Well:	208.63
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	127	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	06:50	Total Volume Purged (gallons):	480	Sample ID:	FW-02B-127-Q225	Sample Time:	14:51
Purge End Time:	14:50	Well Volumes Purged (total):	2.30	Replicate Type / Replicate ID:	Equipment Blank / EB-743-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:20	0	1	gpm	97.80	7.38	1.72	2.15	3320	32	0.69	30.3	-41.7	Clear	No Odor
07:50	30	1	gpm	97.80	7.38	1.72	2.15	3316	10	0.31	30.4	-43.1	Clear	No Odor
08:20	60	1	gpm	97.80	7.38	1.72	2.15	3308	8	0.22	30.3	-45.3	Clear	No Odor
08:50	90	1	gpm	97.80	7.34	1.65	2.07	3186	8	0.18	30.4	-46.9	Clear	No Odor
09:20	120	1	gpm	97.80	7.29	1.47	1.86	2865	8	0.14	30.3	-50.6	Clear	No Odor
09:50	150	1	gpm	97.80	7.26	1.44	1.82	2806	7	0.12	30.4	-54.6	Clear	No Odor
10:20	180	1	gpm	97.80	7.28	1.44	1.81	2793	7	0.11	30.5	-55.5	Clear	No Odor
10:50	210	1	gpm	97.80	7.2	1.42	1.8	2771	6	0.1	30.6	-52.3	Clear	No Odor
11:20	240	1	gpm	97.80	7.15	1.41	1.78	2738	6	0.12	30.7	-47.7	Clear	No Odor
11:50	270	1	gpm	97.80	7.13	1.29	1.64	2525	5	0.63	30.8	-26.7	Clear	No Odor
12:20	300	1	gpm	97.80	7.13	1.24	1.57	2423	5	1.24	30.7	-11.5	Clear	No Odor
12:50	330	1	gpm	97.80	7.1	1.2	1.53	2358	4	1.71	30.7	-9.8	Clear	No Odor
13:20	360	1	gpm	97.80	7.09	1.18	1.5	2320	4	2.05	30.9	-7.7	Clear	No Odor
13:50	390	1	gpm	97.80	7.1	1.16	1.47	2269	4	2.31	30.8	-5.6	Clear	No Odor
14:20	420	1	gpm	97.80	7.11	1.15	1.47	2256	4	2.35	30.8	-3.3	Clear	No Odor
14:50	450	1	gpm	97.80	7.12	1.15	1.46	2248	4	2.41	30.8	-1.2	Clear	No Odor

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

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

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:



Description:

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:	HNWR-01A-174	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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:75.02 °F, rH:19%, Clouds: 2%, Wind:1.9mph SW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	14	Well Casing Material:	
Static Water Level (ft-bmp):	11.11	Total Depth (ft-bmp):	205	Water Column(ft):	193.89	Gallons in Well:	1550.5
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	175	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	09:04	Total Volume Purged (gallons):	60	Sample ID:	HNWR-01A-174-Q125	Sample Time:	09:20
Purge End Time:	09:19	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	Duplicate / MW-906-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:07	0	4	gpm	11.20	7.61	1.03	1.34	2058	23	2.93	37	5.7	Clear	No Odor
09:10	3	4	gpm	11.20	7.64	1.03	1.3	2011	20	3.74	37.2	4.7	Clear	No Odor
09:13	6	4	gpm	11.20	7.66	1	1.31	2016	20	3.69	37.2	3.3	Clear	No Odor
09:16	9	4	gpm	11.20	7.66	1.01	1.3	2014	20	3.57	37.2	1	Clear	No Odor
09:19	12	4	gpm	11.20	7.67	1.01	1.31	2015	20	3.43	37.2	-0.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	2	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	2	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	2	500 mL	None
Total organic carbon (SW 9060A)	Plastic	2	125 mL	HCl

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



Description:

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:HNWR-01A-98

Date(s):2025-05-15

Work Order(s):PGE_Topock_2025_Q2_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:73.02 °F, rH:22%, Clouds: 2%, Wind:1.9mph SW

Field Technician:Riggie T

Measuring Pt. Description:Top of Inner Casing

Screen Setting (ft-bgs):-

Casing Diameter (in):14

Well Casing Material:

Static Water Level (ft-bmp):11.11

Total Depth (ft-bmp):205

Water Column(ft):193.89

Gallons in Well:1550.5

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):98

Purge Method:Volumetric

Purging Equipment:Submersible Pump

Purge Start Time:08:40

Total Volume Purged (gallons):60

Sample ID:HNWR-01A-098-Q225

Sample Time:08:56

Purge End Time:08:55

Well Volumes Purged (total):0.04

Replicate Type / Replicate ID:N/A

Water Quality Meter/ ID:Hach 2100-P,YSI ProPlus /

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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:43	0	4	gpm	11.20	7.35	1.15	1.47	2280	37	3.76	36.1	16.5	Clear	No Odor
08:46	3	4	gpm	11.20	7.41	1.03	1.34	2068	24	3.46	36.2	13.3	Clear	No Odor
08:49	6	4	gpm	11.20	7.48	1.03	1.33	2051	22	3.84	36.1	10.7	Clear	No Odor
08:52	9	4	gpm	11.20	7.52	1.03	1.33	2059	22	3.88	36.2	8.8	Clear	No Odor
08:55	12	4	gpm	11.20	7.54	1.03	1.33	2056	22	3.83	36.2	8.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
22	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:



Description:



Description:

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:

IRZ-09-100

Date(s):

2025-05-15

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

Warm and clear

Field Technician:

Cameron Stone

Measuring Pt. Description:

Ground Surface

Screen Setting (ft-bgs):

55-99.8

Casing Diameter (in):

10

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

IRZ-09-100-Q225

Sample Time:

10:25

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
10:20	0			#Error	7.23	6034	1.1	1.54	29.1	-2.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Manganese, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:

IRZ-13D-210

Date(s):

2025-05-15

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

Warm and clear

Field Technician:

Cameron Stone

Measuring Pt. Description:

Ground Surface

Screen Setting (ft-bgs):

160.4-210.2

Casing Diameter (in):

10

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

IRZ-13D-210-Q225

Sample Time:

10:55

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
10:50	0			#Error	7.1	7470	2.1	0.82	28	18.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Manganese, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:

IRZ-13S-095

Date(s):

2025-05-15

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

Warm and clear

Field Technician:

Cameron Stone

Measuring Pt. Description:

Ground Surface

Screen Setting (ft-bgs):

53-95.8

Casing Diameter (in):

10

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

IRZ-13S-095-Q225

Sample Time:

10:45

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
10:35	0			#Error	7.06	5938	2.5	0.89	28.6	15.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Manganese, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:	IRZ-21-065	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Area:	Default Site				
Weather:	Clear and warm			Field Technician:	Cameron Stone
Measuring Pt. Description:	Ground Surface	Screen Setting (ft-bgs):	47.4-65.4	Casing Diameter (in):	10
Well Casing Material:					
Static Water Level (ft-bmp):	Total Depth (ft-bmp):			Water Column(ft):	Gallons in Well:
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):			Purge Method:	Purging Equipment:
Purge Start Time:	Total Volume Purged (gallons):			Sample ID:	IRZ-21-065-Q225
Sample Time:	09:55				
Purge End Time:	Well Volumes Purged (total):			Replicate Type / Replicate ID:	N/A
Water Quality Meter/ ID:	YSI ProPlus /				
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
09:48	0			#Error	7.06	5678	1.8	1.07	29.7	18.3	Clear	No Odor

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

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:	IRZ-21-157	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	Warm and clear			Field Technician:	Cameron Stone		
Measuring Pt. Description:	Ground Surface	Screen Setting (ft-bgs):	-	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	Total Depth (ft-bmp):			Water Column(ft):	Gallons in Well:		
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):			Purge Method:	Purging Equipment:		
Purge Start Time:	Total Volume Purged (gallons):			Sample ID:	IRZ-21-157-Q225	Sample Time:	10:05
Purge End Time:	Well Volumes Purged (total):			Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	/
Scope of work completed?	Yes						

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
10:00	0			#Error	7.11	6942	6.9	0.52	29.7	-36.4	Clear	No Odor

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

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:

IRZ-23-143

Date(s):

2025-05-15

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

Clear and warm

Field Technician:

Cameron Stone

Measuring Pt. Description:

Ground Surface

Screen Setting (ft-bgs):

92.1-142

Casing Diameter (in):

10

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

IRZ-23-143-Q225

Sample Time:

08:10

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
08:00	0			#Error	6.63	5455	6.02	2.51	26.6	225	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Manganese, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:	IRZ-25-100	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Area:	Default Site				
Weather:	Warm and clear			Field Technician:	Cameron Stone
Measuring Pt. Description:	Ground Surface	Screen Setting (ft-bgs):	50.1-67.1	Casing Diameter (in):	10
Well Casing Material:					
Static Water Level (ft-bmp):	Total Depth (ft-bmp):			Water Column(ft):	Gallons in Well:
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):			Purge Method:	Purging Equipment:
Purge Start Time:	Total Volume Purged (gallons):			Sample ID:	IRZ-25-100-Q225
Sample Time:	08:50				
Purge End Time:	Well Volumes Purged (total):			Replicate Type / Replicate ID:	N/A
Water Quality Meter/ ID:	YSI ProPlus /				
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
08:45	0			#Error	6.84	4987	19.7	1.47	28.8	90.8	Clear	Moderate

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

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:	IRZ-25-166	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Area:	Default Site				
Weather:	Warm and clear		Field Technician:	Cameron Stone	
Measuring Pt. Description:	Ground Surface	Screen Setting (ft-bgs):	-	Casing Diameter (in):	
Well Casing Material:					
Static Water Level (ft-bmp):	Total Depth (ft-bmp):		Water Column(ft):	Gallons in Well:	
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):		Purge Method:	Purging Equipment:	
Purge Start Time:	Total Volume Purged (gallons):		Sample ID:	IRZ-25-166-Q225	Sample Time: 09:15
Purge End Time:	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: YSI ProPlus /
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
09:11	0			#Error	6.67	5716	12.1	0.98	29.2	19.8	Clear	Slight

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO ₃
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:	Marina-1	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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):	Well Casing Material:		
Static Water Level (ft-bmp):	Total Depth (ft-bmp):			Water Column(ft):	Gallons in Well:		
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):			Purge Method:	Volumetric	Purging Equipment:	Extraction Pump
Purge Start Time:	09:20	Total Volume Purged (gallons):	5	Sample ID:	Marina-1-Q225	Sample Time:	09:25
Purge End Time:	09:25	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:25	0	1	gpm	#Error	7.22	21.67	22.46	34562	9	1.06	29.6	-22.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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: _____



Description:

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:	MTS-1	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	Total Depth (ft-bmp):		Water Column(ft):		Gallons in Well:		
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):		Purge Method:	Volumetric	Purging Equipment:	Extraction Pump	
Purge Start Time:	09:09	Total Volume Purged (gallons):	5	Sample ID:	MTS-1-Q225	Sample Time:	09:15
Purge End Time:	09:14	Well Volumes Purged (total):	Replicate Type / Replicate ID:		N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:14	0	1	gpm	#Error	7.36	2.57	3.13	4817	4	1.04	28.6	-16.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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:	MTS-2	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	Total Depth (ft-bmp):			Water Column(ft):	Gallons in Well:		
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):			Purge Method:	Volumetric	Purging Equipment:	Extraction Pump
Purge Start Time:	08:29	Total Volume Purged (gallons):	5	Sample ID:	MTS-2-Q225	Sample Time:	08:35
Purge End Time:	08:34	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:35	0	1	gpm	#Error	7.4	1.16	1.48	2283	9	3.78	33.8	1.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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:



Description:

Location ID:	MW-09	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	77-87	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	80.4	Total Depth (ft-bmp):	89.04	Water Column(ft):	8.64	Liters in Well:	21.35
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	84	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:12	Total Volume Purged (liters):	4.5	Sample ID:	MW-09-Q225	Sample Time:	13:28
Purge End Time:	13:27	Well Volumes Purged (total):	0.21	Replicate Type / Replicate ID:	Duplicate / MW-908-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:12	0	300	mL/min	80.40	7.68	1.75	2.223	4045	12	1.97	34.7	79.8	Clear	No Odor
13:15	3	300	mL/min	80.40	7.51	1.74	2.19	3837	12	1.45	32.3	80.3	Clear	No Odor
13:18	6	300	mL/min	80.40	7.52	1.74	2.184	3835	12	1.32	32.5	82.5	Clear	No Odor
13:21	9	300	mL/min	80.42	7.52	1.74	2.177	3822	12	1.38	32.2	83.6	Clear	No Odor
13:24	12	300	mL/min	80.44	7.54	1.72	2.175	3825	12	1.35	32.5	83.2	Clear	No Odor
13:27	15	300	mL/min	80.44	7.54	1.72	2.172	3824	12	1.32	32.8	83.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (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	2	1 L	None
Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	2	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH ₄) ₂ SO ₄ /NaOH

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



Description:



Description:

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-10

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

74-94

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

74.77

Total Depth (ft-bmp):

96.9

Water Column(ft):

22.13

Liters in Well:

54.69

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

90

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

11:35

Total Volume Purged (liters):

4.5

Sample ID:

MW-10-Q225

Sample Time:

NA

Purge End Time:

11:50

Well Volumes Purged (total):

0.08

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:35	0	300	mL/min	74.770	8.04	1.3	1.644	2976	15	4.07	35	79.5	Clear	No Odor
11:38	3	300	mL/min	74.780	7.67	1.5	1.891	3341	15	3.83	33.4	80.3	Clear	No Odor
11:41	6	300	mL/min	74.780	7.57	1.59	2.002	3499	12	3.54	32.1	82.4	Clear	No Odor
11:44	9	300	mL/min	74.780	7.56	1.59	2.002	3483	12	3.55	31.9	83.6	Clear	No Odor
11:47	12	300	mL/min	74.780	7.58	1.59	2.005	3485	12	3.52	31.7	83.1	Clear	No Odor
11:50	15	300	mL/min	74.780	7.57	1.59	2.002	3489	12	3.54	31.5	83.3	Clear	No Odor

Constituent Sampled

Container

Number

Volume

Preservative

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-10D	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	108-123	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	75.52	Total Depth (ft-bmp):	127.43	Water Column(ft):	51.91	Liters in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	122	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:17	Total Volume Purged (liters):	4.5	Sample ID:	MW-10D-Q225	Sample Time:	12:33
Purge End Time:	12:32	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:17	0	300	mL/min	75.54	8.07	2.1	2.626	4841	19	2.67	35.1	78.8	Clear	No Odor
12:20	3	300	mL/min	75.54	8.12	2.09	2.606	4717	17	2.09	34.1	78.8	Clear	No Odor
12:23	6	300	mL/min	75.54	8.1	2.09	2.606	4700	17	2.32	34	79.9	Clear	No Odor
12:26	9	300	mL/min	75.55	8.14	2.09	2.606	4728	17	2.26	34.4	80.6	Clear	No Odor
12:29	12	300	mL/min	75.55	8.16	2.05	2.604	4725	17	2.22	34.1	82.4	Clear	No Odor
12:32	15	300	mL/min	75.55	8.15	2.05	2.602	4727	17	2.223	34.2	82.3	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),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
17	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:



Description:

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-11

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

62.5-82.5

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

65.53

Total Depth (ft-bmp):

84.47

Water Column(ft):

18.94

Liters in Well:

46.8

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

80

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

08:45

Total Volume Purged (liters):

4.5

Sample ID:

MW-11-Q225

Sample Time:

09:01

Purge End Time:

09:00

Well Volumes Purged (total):

0.10

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:45	0	300	mL/min	65.53	7.25	1.03	1.332	2264	18	6.64	30.4	113.4	Clear	No Odor
08:48	3	300	mL/min	65.55	7.44	1.01	1.3	2175	15	5.97	29.6	112.2	Clear	No Odor
08:51	6	300	mL/min	65.56	7.44	1.01	1.305	2182	15	5.61	29.5	112.3	Clear	No Odor
08:54	9	300	mL/min	65.57	7.45	1.01	1.306	2185	15	5.58	29.5	113	Clear	No Odor
08:57	12	300	mL/min	65.58	7.43	1.03	1.302	2183	15	5.55	29.5	113.4	Clear	No Odor
09:00	15	300	mL/min	65.58	7.41	1.03	1.301	2185	15	5.52	29.5	115.4	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
15	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-11D	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	110-130	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	66.55	Total Depth (ft-bmp):	133.47	Water Column(ft):	66.92	Liters in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	130	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:21	Total Volume Purged (liters):	4.5	Sample ID:	MW-11D-Q225	Sample Time:	09:37
Purge End Time:	09:36	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:21	0	300	mL/min	66.55	7.56	3.22	3.913	7076	16	3.09	33.7	103	Clear	No Odor
09:24	3	300	mL/min	66.56	7.45	3.55	4.27	7362	12	2	32.3	104.5	Clear	No Odor
09:27	6	300	mL/min	66.57	7.51	3.74	4.485	7839	12	2.58	32.3	109.7	Clear	No Odor
09:30	9	300	mL/min	66.57	7.54	3.74	4.486	7877	12	2.52	32.4	113.4	Clear	No Odor
09:33	12	300	mL/min	66.57	7.52	3.74	4.484	7879	12	2.5	32.2	113.9	Clear	No Odor
09:36	15	300	mL/min	66.58	7.51	3.74	4.481	7881	12	2.52	32.1	113.3	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-12

Date(s):

2025-05-29

Work Order(s):

PGE_Topock_2025_Q2_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):

27.5-47.5

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

27.33

Total Depth (ft-bmp):

50.02

Water Column(ft):

22.69

Liters in Well:

56.07

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

45

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

11:40

Total Volume Purged (liters):

6

Sample ID:

MW-12-Q225

Sample Time:

11:56

Purge End Time:

11:56

Well Volumes Purged (total):

0.11

Replicate Type / Replicate ID:

Duplicate / MW-909-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:40	0	400	mL/min	27.33	8.27	5.67	6.578	10868	8	3.75	28.9	74.6	Clear	No Odor
11:43	3	400	mL/min	27.33	8.25	5.66	6.558	10941	8	3.23	29.5	75.4	Clear	No Odor
11:46	6	400	mL/min	27.33	8.26	5.64	6.558	10909	8	3.33	29.3	76.2	Clear	No Odor
11:49	9	400	mL/min	27.35	8.25	5.64	6.552	10909	8	3.41	29.3	76.2	Clear	No Odor
11:52	12	400	mL/min	27.36	8.22	5.64	6.556	10904	8	3.44	29.1	76.5	Clear	No Odor
11:55	15	400	mL/min	27.36	8.2	5.64	6.552	10909	8	3.46	29.3	76.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	2	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



Description:



Description:

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):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	28.5-48.5	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	30.3	Total Depth (ft-bmp):	48.1	Water Column(ft):	17.8	Liters in Well:	43.99
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	45	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:12	Total Volume Purged (liters):	4.5	Sample ID:	MW-13-Q225	Sample Time:	12:28
Purge End Time:	12:27	Well Volumes Purged (total):	0.10	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:12	0	300	mL/min	30.30	7.42	1.96	2.437	4159	16	4.19	30.8	149.7	Clear	No Odor
12:15	3	300	mL/min	30.30	7.5	1.96	2.437	4169	12	3.85	30.8	146.6	Clear	No Odor
12:18	6	300	mL/min	30.32	7.5	1.93	2.444	4152	12	3.62	30.5	144.9	Clear	No Odor
12:21	9	300	mL/min	30.34	7.52	1.93	2.441	4155	12	3.61	30.3	144.2	Clear	No Odor
12:24	12	300	mL/min	30.35	7.54	1.93	2.443	4153	12	3.58	30.2	144.6	Clear	No Odor
12:27	15	300	mL/min	30.35	7.53	1.91	2.445	4155	12	3.55	30.1	144.9	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	111-131	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	114.68	Total Depth (ft-bmp):	133.74	Water Column(ft):	19.06	Liters in Well:	47.1
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	122	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	13:23	Total Volume Purged (liters):	10	Sample ID:	MW-14-Q225	Sample Time:	13:44
Purge End Time:	13:43	Well Volumes Purged (total):	0.21	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:23	0	500	mL/min	114.68	7.76	2.88	3.52	5437	67	3.11	31.8	23.6	Clear	No Odor
13:27	4	500	mL/min	114.75	7.54	2.73	3.34	5136	40	3.16	31.7	29.8	Clear	No Odor
13:31	8	500	mL/min	114.75	7.63	2.71	3.31	5102	34	3.22	31.7	33.8	Clear	No Odor
13:35	12	500	mL/min	114.75	7.65	2.71	3.31	5104	28	3.27	31.8	35.1	Clear	No Odor
13:39	16	500	mL/min	114.75	7.65	2.71	3.31	5107	27	3.29	31.8	35.6	Clear	No Odor
13:43	20	500	mL/min	114.75	7.64	2.71	3.31	5108	27	3.34	31.8	37.5	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)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
27	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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): 2025-05-13

Work Order(s): PGE_Topock_2025_Q2_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): 180.5-200.5

Casing Diameter (in): 4

Well Casing Material:

Static Water Level (ft-bmp): 185.62

Total Depth (ft-bmp):

Water Column(ft): 17.38

Liters in Well: 42.95

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 195

Purge Method: Low Flow

Purging Equipment: Dedicated Bladder

Purge Start Time: 08:04

Total Volume Purged (liters): 10

Sample ID: MW-15-Q225

Sample Time: 08:25

Purge End Time: 08:24

Well Volumes Purged (total): 0.23

Replicate Type / Replicate ID: Equipment Blank / EB-723-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:04	0	500	mL/min	185.62	7.83	1.2	1.52	2352	8	4.53	26.2	56.9	Clear	No Odor
08:08	4	500	mL/min	185.70	7.79	1.2	1.52	2358	6	4.22	26.5	63.5	Clear	No Odor
08:12	8	500	mL/min	185.70	7.73	1.2	1.52	2361	5	4.15	26.5	64.2	Clear	No Odor
08:16	12	500	mL/min	185.70	7.73	1.2	1.52	2361	4	4.11	26.5	64.9	Clear	No Odor
08:20	16	500	mL/min	185.70	7.72	1.2	1.52	2362	4	4.08	26.6	67.1	Clear	No Odor
08:24	20	500	mL/min	185.70	7.72	1.2	1.52	2362	4	4.05	26.6	67.8	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

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
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:



Description:

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):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	46-66	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	43.7	Total Depth (ft-bmp):	65.92	Water Column(ft):	22.22	Liters in Well:	54.91
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	60	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	08:37	Total Volume Purged (liters):	4.5	Sample ID:	MW-19-Q225	Sample Time:	08:53
Purge End Time:	08:52	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:37	0	300	mL/min	43.70	6.96	1.22	1.553	2460	16	1.25	27.5	126.3	Clear	No Odor
08:40	3	300	mL/min	43.70	7.72	1.24	1.573	2540	16	1.14	27.6	122.6	Clear	No Odor
08:43	6	300	mL/min	43.70	7.73	1.24	1.573	2542	16	1.1	27.6	124.8	Clear	No Odor
08:46	9	300	mL/min	43.72	7.73	1.24	1.573	2542	16	0.95	27.6	124	Clear	No Odor
08:49	12	300	mL/min	43.73	7.71	1.24	1.571	2545	16	0.92	27.4	124.5	Clear	No Odor
08:52	15	300	mL/min	43.73	7.71	1.24	1.573	2542	16	0.93	27.2	124.1	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
16	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-20-070	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:101.7 °F, rH:12%, Clouds: 28%, Wind:10.78mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	50-70	Casing Diameter (in):	4	Well Casing Material:	PVC
Static Water Level (ft-bmp):	43.7	Total Depth (ft-bmp):	68.4	Water Column(ft):	24.7	Liters in Well:	61.04
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	60	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:16	Total Volume Purged (liters):	7.5	Sample ID:	MW-20-070-0625	Sample Time:	11:32
Purge End Time:	11:31	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:19	0	500	mL/min	44.00	7.2	1.44	1.81	2795	19	6.58	30.9	20.1	Clear	No Odor
11:22	3	500	mL/min	44.00	7.22	1.46	1.84	2834	8	5.59	32.4	25.3	Clear	No Odor
11:25	6	500	mL/min	44.00	7.21	1.5	1.89	2918	6	5.77	32.4	26.2	Clear	No Odor
11:28	9	500	mL/min	44.00	7.2	1.53	1.93	2974	6	5.54	32.1	27	Clear	No Odor
11:31	12	500	mL/min	44.00	7.21	1.54	1.95	2998	6	5.62	32.1	27.8	Clear	No Odor

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

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

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:

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-20-070

Date(s):

2025-05-07

Work Order(s):

PGE_Topock_2025_Q2_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:68.32 °F, rH:53%, Clouds: 2%, Wind:2.93mph N-NW

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

50-70

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

43.69

Total Depth (ft-bmp):

68.4

Water Column(ft):

24.71

Liters in Well:

61.06

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

60

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

09:55

Total Volume Purged (liters):

7.5

Sample ID:

MW-20-070-Q225

Sample Time:

10:11

Purge End Time:

10:10

Well Volumes Purged (total):

0.12

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:58	0	500	mL/min	43.72	7.3	2.07	2.55	3926	10	5.82	27.5	35.8	Clear	No Odor
10:01	3	500	mL/min	43.72	7.22	2.06	2.54	3912	10	5.9	27.5	41	Clear	No Odor
10:04	6	500	mL/min	43.72	7.17	2.05	2.52	3891	10	6.03	27.5	43.5	Clear	No Odor
10:07	9	500	mL/min	43.72	7.14	2.04	2.52	3882	10	5.98	27.5	44.9	Clear	No Odor
10:10	12	500	mL/min	43.72	7.13	2.04	2.51	3870	10	6.07	27.5	45.8	Clear	No Odor

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

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:


Description:

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-20-100	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:102.99 °F, rH:11%, Clouds: 9%, Wind:14.27mph S			Field Technician:	Riggie T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	89.5-99.5	Casing Diameter (in):	4	Well Casing Material: PVC
Static Water Level (ft-bmp):	43.99	Total Depth (ft-bmp):	98.4	Water Column(ft):	54.41	Liters in Well: 134.45
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment: Portable Bladder
Purge Start Time:	11:53	Total Volume Purged (liters):	7.5	Sample ID:	MW-20-100-0625	Sample Time: 12:09
Purge End Time:	12:08	Well Volumes Purged (total):	0.06	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:56	0	500	mL/min	44.02	7.18	2.31	2.86	4383	17	3.02	33.5	22.2	Clear	No Odor
11:59	3	500	mL/min	44.02	7.17	2.37	2.92	4489	7	2.06	33.7	22.6	Clear	No Odor
12:02	6	500	mL/min	44.02	7.17	2.52	3.09	4760	7	1.93	33.6	22.9	Clear	No Odor
12:05	9	500	mL/min	44.02	7.16	2.52	3.09	4766	7	1.82	32.9	22.5	Clear	No Odor
12:08	12	500	mL/min	44.02	7.16	2.57	3.15	4836	7	1.8	33.1	23.4	Clear	No Odor

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

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



Description:

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-20-100

Date(s): 2025-05-07

Work Order(s): PGE_Topock_2025_Q2_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:70.9 °F, rH:48%, Clouds: 2%, Wind:2.26mph N-NW

Field Technician: Riggie T

Measuring Pt. Description: Top of Inner Casing

Screen Setting (ft-bgs): 89.5-99.5

Casing Diameter (in): 4

Well Casing Material:

Static Water Level (ft-bmp): 43.92

Total Depth (ft-bmp): 98.08

Water Column(ft): 54.16

Liters in Well: 133.84

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 95

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 11:00

Total Volume Purged (liters): 7.5

Sample ID: MW-20-100-Q225

Sample Time: 11:16

Purge End Time: 11:15

Well Volumes Purged (total): 0.06

Replicate Type / Replicate ID: N/A

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:03	0	500	mL/min	43.96	7.03	2.36	2.89	4430	18	2.56	28.2	2.75	Clear	No Odor
11:06	3	500	mL/min	43.96	7.03	2.41	2.95	4534	11	2.32	28.2	43	Clear	No Odor
11:09	6	500	mL/min	43.96	7.03	2.61	3.17	4886	9	3.45	28.1	42.5	Clear	No Odor
11:12	9	500	mL/min	43.96	7.02	2.62	3.19	4914	9	3.33	28	41	Clear	No Odor
11:15	12	500	mL/min	43.96	7.01	2.61	3.17	4868	9	3.32	28.1	42.3	Clear	No Odor

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

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



Description:

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-20-130

Date(s):

2025-05-07

Work Order(s):

PGE_Topock_2025_Q2_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:68.94 °F, rH:52%, Clouds: 2%, Wind:2.93mph N-NW

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

121-131

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

44.44

Total Depth (ft-bmp):

129.55

Water Column(ft):

85.11

Liters in Well:

210.32

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

126

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

10:26

Total Volume Purged (liters):

7.5

Sample ID:

MW-20-130-Q225

Sample Time:

10:42

Purge End Time:

10:41

Well Volumes Purged (total):

0.04

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:29	0	500	mL/min	44.47	7.05	5.61	6.5	9985	14	0.84	27.9	32.9	Clear	No Odor
10:32	3	500	mL/min	44.47	7.04	5.62	6.51	10013	12	0.61	27.8	33	Clear	No Odor
10:35	6	500	mL/min	44.47	7.03	5.62	6.51	10017	12	0.4	27.8	34.7	Clear	No Odor
10:38	9	500	mL/min	44.47	7.02	5.62	6.52	10022	12	0.37	27.9	32.8	Clear	No Odor
10:41	12	500	mL/min	44.47	7.02	5.64	6.53	10043	12	0.34	27.8	32.5	Clear	No Odor

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


Description:

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-20-130	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:104.94 °F, rH:11%, Clouds: 9%, Wind:14.27mph S			Field Technician:	Riggie T			
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	121-131	Casing Diameter (in):	4	Well Casing Material:	PVC	
Static Water Level (ft-bmp):	44.48	Total Depth (ft-bmp):	129.55	Water Column(ft):	85.07	Liters in Well:	210.22	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	126	Purge Method:	Volumetric	Purging Equipment:	Portable Bladder	
Purge Start Time:	12:30	Total Volume Purged (liters):	7.5	Sample ID:	MW-20-130-0625	Sample Time:	12:46	
Purge End Time:	12:45	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	Duplicate / MW-933-Q225 Equipment Blank / EB-760-Q225		Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:33	0	500	mL/min	44.50	7.25	5.35	6.28	9666	9	0.93	35	6	Clear	No Odor
12:36	3	500	mL/min	44.50	7.22	5.36	6.29	9683	6	0.64	35	5	Clear	No Odor
12:39	6	500	mL/min	44.50	7.21	5.37	6.29	9658	5	0.45	34.2	3.1	Clear	No Odor
12:42	9	500	mL/min	44.50	7.23	5.35	6.27	9662	5	0.45	34.5	3.1	Clear	No Odor
12:45	12	500	mL/min	44.50	7.24	5.38	6.3	9673	5	0.43	34.5	2.7	Clear	No Odor

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

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: _____



Description:

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-21

Date(s): 2025-05-07

Work Order(s): PGE_Topock_2025_Q2_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:66.87 °F, rH:63%, Clouds: 2%, Wind:5.7mph N-NW

Field Technician: Riggie T

Measuring Pt. Description: Top of Inner Casing

Screen Setting (ft-bgs): 39-59

Casing Diameter (in): 4

Well Casing Material:

Static Water Level (ft-bmp): 48.91

Total Depth (ft-bmp): 58.36

Water Column(ft): 9.45

Liters in Well: 23.35

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 53

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 09:19

Total Volume Purged (liters): 2.7

Sample ID: MW-21-Q225

Sample Time: 09:35

Purge End Time: 09:34

Well Volumes Purged (total): 0.12

Replicate Type / Replicate ID: Equipment Blank / MW-21-EB-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:22	0	500	mL/min	49.33	7.25	7.56	8.57	13141	27	0.79	27.7	-110.8	Clear	No Odor
09:25	3	100	mL/min	49.40	7.25	7.71	8.73	13399	16	0.62	28	-111.1	Clear	No Odor
09:28	6	100	mL/min	49.40	7.25	7.68	8.7	13386	13	0.51	28.3	-111.5	Clear	No Odor
09:31	9	100	mL/min	49.40	7.24	7.72	8.75	13443	13	0.5	28.6	-111.7	Clear	No Odor
09:34	12	100	mL/min	49.40	7.24	7.73	8.76	13470	13	0.48	28.8	-111.7	Clear	No Odor

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

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



Description:

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-21	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:100.83 °F, rH:10%, Clouds: 0%, Wind:5.75mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	39-59	Casing Diameter (in):	4	Well Casing Material:	PVC
Static Water Level (ft-bmp):	48.83	Total Depth (ft-bmp):	58.36	Water Column(ft):	9.53	Liters in Well:	23.55
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	53	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	10:45	Total Volume Purged (liters):	2.7	Sample ID:	MW-21-0625	Sample Time:	11:01
Purge End Time:	11:00	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	Equipment Blank / MW-21-EB-0625	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:48	0	500	mL/min	49.27	7.14	7.99	9.05	13979	20	0.53	32.5	-101.9	Clear	No Odor
10:51	3	100	mL/min	49.33	7.14	7.96	9.06	13933	14	0.52	33.4	-104.4	Clear	No Odor
10:54	6	100	mL/min	49.34	7.15	7.98	9.08	13967	13	0.63	34.4	-105.9	Clear	No Odor
10:57	9	100	mL/min	49.34	7.15	8.03	9.13	14058	13	0.64	34	-104.5	Clear	No Odor
11:00	12	100	mL/min	49.34	7.14	8.02	9.12	14024	13	0.62	33.7	-103.2	Clear	No Odor

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

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

Comments: EB-762-Q225 sample time at 11:11.

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:

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):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	5.5-10.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.97	Total Depth (ft-bmp):	11	Water Column(ft):	5.03	Liters in Well:	3.11
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	9	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:00	Total Volume Purged (liters):	10	Sample ID:	MW-22-Q225	Sample Time:	12:21
Purge End Time:	12:20	Well Volumes Purged (total):	3.22	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:00	0	500	mL/min	5.97	8.68	15.33	12.66	25460	10	1.05	27.49	-157.9	Clear	No Odor
12:04	4	500	mL/min	5.97	8.48	14.7	12.17	25010	9	1	27.68	-143.9	Clear	No Odor
12:08	8	500	mL/min	5.97	8.39	14.23	11.82	23630	9	0.97	27.66	-139	Clear	No Odor
12:12	12	500	mL/min	5.97	8.35	14.23	11.82	23390	9	0.95	28	-131.2	Clear	No Odor
12:16	16	500	mL/min	5.97	8.38	14.23	11.82	23380	9	0.94	28.03	-130.9	Clear	No Odor
12:20	20	500	mL/min	5.97	8.4	14.23	11.82	23390	9	0.9	28.1	-130.7	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:

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):

2025-05-20

Work Order(s):

PGE_Topock_2025_Q2_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):

50-60

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

49.5

Total Depth (ft-bmp):

60.25

Water Column(ft):

10.75

Liters in Well:

6.64

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

55

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

13:35

Total Volume Purged (liters):

4.5

Sample ID:

MW-23-060-Q225

Sample Time:

13:51

Purge End Time:

13:50

Well Volumes Purged (total):

0.68

Replicate Type / Replicate ID:

MS/MSD / MW-23-060-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:35	0	300	mL/min	49.50	9.67	11.16	12.33	21389	13	2.31	31.6	108.8	Clear	No Odor
13:38	3	300	mL/min	49.50	9.68	11.32	12.48	21099	13	2	30.2	109.3	Clear	No Odor
13:41	6	300	mL/min	49.50	9.74	11.34	12.49	21039	13	1.93	29.9	109.3	Clear	No Odor
13:44	9	300	mL/min	49.52	9.76	11.32	12.46	20987	13	1.73	29.9	110	Clear	No Odor
13:47	12	300	mL/min	49.54	9.74	11.32	12.44	20983	13	1.71	29.7	110.6	Clear	No Odor
13:50	15	300	mL/min	49.54	9.73	11.32	12.44	20981	13	1.73	29.6	110.3	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
13	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	clear	Field Technician:	Jyovanny Rebolledo		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	75-80	Casing Diameter (in):	2
Static Water Level (ft-bmp):	49	Total Depth (ft-bmp):	81.77	Water Column(ft):	32.77
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	75	Purge Method:	Low Flow
Purge Start Time:	13:03	Total Volume Purged (liters):	4.5	Sample ID:	MW-23-080-Q225
Purge End Time:	13:18	Well Volumes Purged (total):	0.22	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes	Well Casing Material:		Liters in Well:	20.24
		Purging Equipment:	Submersible Pump	Sample Time:	13:19
		Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /		

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:03	0	300	mL/min	49.00	7.06	4.56	5.317	9315	12	3.95	33.4	136.2	Clear	No Odor
13:06	3	300	mL/min	49.02	9.8	11.42	12.57	21605	12	2.37	31.4	91	Clear	No Odor
13:09	6	300	mL/min	49.02	10.22	11.67	12.82	22135	12	2.34	31.4	87.5	Clear	No Odor
13:12	9	300	mL/min	49.02	10.32	11.73	12.92	22657	12	2.01	32.3	89	Clear	No Odor
13:15	12	300	mL/min	49.04	10.34	11.73	12.95	22655	12	2.03	32.1	89.8	Clear	No Odor
13:18	15	300	mL/min	49.04	10.35	11.73	12.96	22652	12	2.02	32.3	89.4	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-24A

Date(s): 2025-05-21

Work Order(s): PGE_Topock_2025_Q2_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): 104-124

Casing Diameter (in): 4

Well Casing Material:

Static Water Level (ft-bmp): 111.14

Total Depth (ft-bmp): 127.23

Water Column(ft): 16.09

Liters in Well: 39.76

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 124

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 09:10

Total Volume Purged (liters): 10

Sample ID: MW-24A-Q225

Sample Time: 09:31

Purge End Time: 09:30

Well Volumes Purged (total): 0.25

Replicate Type / Replicate ID: Duplicate / MW-910-Q225

Water Quality Meter/ ID: Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:10	0	500	mL/min	111.14	8.86	1.19	1.17	2387	40	1.03	30.44	-126.6	Clear	No Odor
09:14	4	500	mL/min	111.14	8.91	1.19	1.17	2336	34	0.98	30.53	-134.9	Clear	No Odor
09:18	8	500	mL/min	111.14	8.93	1.19	1.17	2333	28	0.94	30.56	-143.1	Clear	No Odor
09:22	12	500	mL/min	111.14	8.95	1.19	1.17	2331	24	0.92	30.62	-151.4	Clear	No Odor
09:26	16	500	mL/min	111.14	8.95	1.19	1.17	2329	23	0.87	30.65	-158.7	Clear	No Odor
09:30	20	500	mL/min	111.14	8.95	1.19	1.17	2334	23	0.86	30.65	-159	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
23	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



Description:

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-24B	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	193-213	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	109.81	Total Depth (ft-bmp):	213.6	Water Column(ft):	103.79	Liters in Well:	256.48
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	210	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	10:38	Total Volume Purged (liters):	10	Sample ID:	MW-24B-Q225	Sample Time:	10:59
Purge End Time:	10:58	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	/
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:38	0	500	mL/min	109.81	8.47	10.3	8.81	17290	52	1.93	34.87	-44	Clear	No Odor
10:42	4	500	mL/min	109.81	8.49	10.38	8.92	17870	47	1.87	34.78	-42.8	Clear	No Odor
10:46	8	500	mL/min	109.81	8.5	10.38	8.92	17900	40	1.83	34.71	-42	Clear	No Odor
10:50	12	500	mL/min	109.81	8.49	10.38	8.92	17900	36	1.79	34.66	-42.5	Clear	No Odor
10:54	16	500	mL/min	109.81	8.49	10.38	8.92	18000	34	1.74	34.73	-42.3	Clear	No Odor
10:58	20	500	mL/min	109.81	8.49	10.38	8.92	17999	33	1.7	34.73	-42.4	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),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
34	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:

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-24BR	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	378-437	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	107.8	Total Depth (ft-bmp):		Water Column(ft):	333.2	Gallons in Well:	217.51
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	0	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	08:15	Total Volume Purged (gallons):	200	Sample ID:	MW-24BR-Q225	Sample Time:	08:40
Purge End Time:	08:35	Well Volumes Purged (total):	0.92	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:15	0	5	gpm	107.80	7.84	8.18	9.26	14550	12	1.13	30.9	-33.5	Clear	No Odor
08:19	4	5	gpm	107.82	7.88	8.17	9.25	14515	6	0.55	31.1	-44.1	Clear	No Odor
08:19	4	5	gpm	138.85	7.82	8.17	9.25	14512	7	0.65	31.2	-38.9	Clear	No Odor
08:23	8	5	gpm	184.99	7.79	8.17	9.25	14488	5	0.46	31.5	-44.9	Clear	No Odor
08:23	8	5	gpm	138.12	7.86	8.17	9.25	14508	6	0.51	31.4	-45.8	Clear	No Odor
08:27	12	5	gpm	184.58	7.83	8.17	9.25	14501	4	0.48	31.4	-47.8	Clear	No Odor
08:27	12	5	gpm	214.84	7.82	8.17	9.25	14501	5	0.41	31.5	-49.9	Clear	No Odor
08:31	16	5	gpm	214.52	7.83	8.17	9.25	14509	4	0.45	31.8	-50.3	Clear	No Odor
08:31	16	5	gpm	246.77	7.83	8.17	9.25	14505	5	0.38	31.5	-52.5	Clear	No Odor
08:35	20	5	gpm	246.12	7.84	8.17	9.25	14512	4	0.43	31.8	-52.5	Clear	No Odor
08:35	20	5	gpm	262.11	7.84	8.17	9.25	14509	5	0.34	31.5	-55.8	Clear	No Odor
08:39	24	5	gpm	262.03	7.84	8.17	9.25	14514	4	0.42	31.9	-54.4	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
4	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:



Description:

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):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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):

84.5-104.5

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

86.85

Total Depth (ft-bmp):

106.35

Water Column(ft):

19.5

Liters in Well:

48.19

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

100

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

11:12

Total Volume Purged (liters):

4.5

Sample ID:

MW-25-Q225

Sample Time:

NA

Purge End Time:

11:27

Well Volumes Purged (total):

0.09

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:12	0	300	mL/min	86.850	7.62	1.43	1.82	3341	10	4.26	34.1	123	Clear	No Odor
11:15	3	300	mL/min	86.850	7.53	1.38	1.755	3061	5	4.21	32.1	124.1	Clear	No Odor
11:18	6	300	mL/min	86.860	7.52	1.38	1.743	3052	5	4.39	31.9	125.3	Clear	No Odor
11:21	9	300	mL/min	86.880	7.52	1.38	1.748	3055	5	4.37	32.1	126.4	Clear	No Odor
11:24	12	300	mL/min	86.880	7.54	1.38	1.745	3053	5	4.35	32.3	126.1	Clear	No Odor
11:27	15	300	mL/min	86.880	7.54	1.38	1.745	3053	5	4.35	32.3	126.1	Clear	No Odor

Constituent Sampled

Container

Number

Volume

Preservative

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Description:

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-26	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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):	51.5-71.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.48	Total Depth (ft-bmp):	89.31	Water Column(ft):	43.83	Liters in Well:	27.08
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	84	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:07	Total Volume Purged (liters):	4.5	Sample ID:	MW-26-Q225	Sample Time:	11:23
Purge End Time:	11:22	Well Volumes Purged (total):	0.17	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:07	0	300	mL/min	45.48	7.6	5.31	6.175	9903	16	0.89	27.4	101.3	Clear	No Odor
11:10	3	300	mL/min	45.48	7.48	5.35	6.22	9988	16	0.68	27.3	102	Clear	No Odor
11:13	6	300	mL/min	45.48	7.45	5.35	6.22	10008	16	0.65	27.3	101.3	Clear	No Odor
11:16	9	300	mL/min	45.48	7.45	5.35	6.227	10001	16	0.52	27.3	100.7	Clear	No Odor
11:19	12	300	mL/min	45.49	7.43	5.35	6.225	10003	16	0.55	27.5	100.3	Clear	No Odor
11:22	15	300	mL/min	45.50	7.45	5.35	6.223	10005	16	0.53	27.5	100.9	Clear	No Odor

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

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



Description:



Description:

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-26	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	51.5-71.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.24	Total Depth (ft-bmp):	89.33	Water Column(ft):	44.09	Liters in Well:	27.24
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	84	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:17	Total Volume Purged (liters):	4.5	Sample ID:	MW-26-0625	Sample Time:	10:33
Purge End Time:	10:32	Well Volumes Purged (total):	0.17	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:17	0	300	mL/min	45.24	7.26	5.19	6.071	10242	16	1.07	30.1	87.3	Clear	No Odor
10:20	3	300	mL/min	45.24	7.27	5.15	6.019	9929	16	0.8	28.8	88.2	Clear	No Odor
10:23	6	300	mL/min	45.25	7.34	5.16	6.025	9953	16	1.04	28.9	91.2	Clear	No Odor
10:26	9	300	mL/min	45.25	7.37	5.16	6.025	9976	16	1.27	29	93.7	Clear	No Odor
10:29	12	300	mL/min	45.25	7.35	5.16	6.026	9979	16	1.25	29.1	93.5	Clear	No Odor
10:32	15	300	mL/min	45.25	7.34	5.16	6.024	9978	16	1.23	29.2	93.2	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),Barium, dissolved (SW 6020),Manganese, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Location ID:	MW-27-020	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:65.93 °F, rH:76%, Clouds: 100%, Wind:5.75mph S-SW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	7-17	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	3.81	Total Depth (ft-bmp):	13.25	Water Column(ft):	9.44	Liters in Well:	5.83
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	12	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:42	Total Volume Purged (liters):	7.5	Sample ID:	MW-27-020-Q225	Sample Time:	12:58
Purge End Time:	12:57	Well Volumes Purged (total):	1.29	Replicate Type / Replicate ID:	Equipment Blank / MW-27-020-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:45	0	500	mL/min	3.83	7.03	0.58	0.75	1156	5	0.25	18.8	-10.6	Clear	No Odor
12:48	3	500	mL/min	3.83	7.01	0.58	0.75	1156	4	0.18	18.8	-6.8	Clear	No Odor
12:51	6	500	mL/min	3.83	7	0.58	0.75	1156	4	0.12	18.8	-3.1	Clear	No Odor
12:54	9	500	mL/min	3.83	6.99	0.58	0.75	1155	4	0.1	18.8	0	Clear	No Odor
12:57	12	500	mL/min	3.83	6.98	0.58	0.74	1152	4	0.09	18.8	2.5	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Comments: EB-709-Q225 @ 1308.

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: _____



Description:

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-27-060	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:64.26 °F, rH:77%, Clouds: 100%, Wind:0mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	47.3-57.3	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	4.59	Total Depth (ft-bmp):	58.84	Water Column(ft):	54.25	Liters in Well:	33.51
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	52	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	11:50	Total Volume Purged (liters):	7.5	Sample ID:	MW-27-060-Q225	Sample Time:	12:06
Purge End Time:	12:05	Well Volumes Purged (total):	0.22	Replicate Type / Replicate ID:	Equipment Blank / MW-27-060-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:53	0	500	mL/min	4.60	7.02	2.91	3.49	5398	8	0.88	19.7	-95.3	Clear	No Odor
11:56	3	500	mL/min	4.60	7.02	2.73	3.28	5079	6	0.93	19.8	-107	Clear	No Odor
11:59	6	500	mL/min	4.60	7.02	2.33	2.84	4368	6	0.99	19.7	-116.7	Clear	No Odor
12:02	9	500	mL/min	4.60	7.01	2.33	2.83	4360	6	1.03	19.8	-119.5	Clear	No Odor
12:05	12	500	mL/min	4.60	7.01	2.32	2.82	4359	6	1.01	19.7	-120.8	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
6	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: _____



Description:

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-27-085	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:66.06 °F, rH:77%, Clouds: 100%, Wind:5.75mph S-SW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	77.5-87.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	4.46	Total Depth (ft-bmp):	100.41	Water Column(ft):	95.95	Liters in Well:	59.28
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	82	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:14	Total Volume Purged (liters):	7.5	Sample ID:	MW-27-085-Q225	Sample Time:	12:30
Purge End Time:	12:29	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	Equipment Blank / MW-27-085-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:17	0	500	mL/min	4.48	7.03	6.83	7.75	12006	9	6.45	19.8	-80.4	Clear	No Odor
12:20	3	500	mL/min	4.48	7.03	6.89	7.8	12017	7	6.48	19.8	-71.3	Clear	No Odor
12:23	6	500	mL/min	4.48	7.02	6.9	7.82	12033	7	6.63	19.9	-68	Clear	No Odor
12:26	9	500	mL/min	4.48	7.02	6.9	7.82	12032	7	6.41	19.9	-64.2	Clear	No Odor
12:29	12	500	mL/min	4.48	7.02	6.9	7.82	12037	7	6.34	19.9	-64.7	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:


Description:

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-28-025	Date(s):	2025-05-19	Work Order(s):	PGE_Topock_2025_Q2_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:			James San		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	13-23	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.7	Total Depth (ft-bmp):	23.37	Water Column(ft):	13.67	Liters in Well:	8.45
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	20	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	13:52	Total Volume Purged (liters):	10	Sample ID:	MW-28-025-Q225	Sample Time:	14:13
Purge End Time:	14:12	Well Volumes Purged (total):	1.18	Replicate Type / Replicate ID:	Equipment Blank / MW-28-025-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:52	0	500	gpm	9.70	7.55	0.87	0.86	2332	10	0.58	25.15	-0.7	Clear	No Odor
13:56	4	500	mL/min	9.70	7.79	0.7	0.7	1470	9	0.62	24.18	13.7	Clear	No Odor
14:00	8	500	mL/min	9.70	7.71	0.7	0.7	1375	9	0.59	24.2	21.3	Clear	No Odor
14:04	12	500	mL/min	9.73	7.65	0.7	0.7	1365	9	0.57	24.2	26.5	Clear	No Odor
14:08	16	500	mL/min	9.73	7.62	0.7	0.7	1363	9	0.56	24.27	27.1	Clear	No Odor
14:12	20	500	mL/min	9.73	7.59	0.7	0.7	1354	9	0.58	24.25	27.5	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:



Description:

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-28-090	Date(s):	2025-05-19	Work Order(s):	PGE_Topock_2025_Q2_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:		Screen Setting (ft-bgs):	70-90	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	10.8	Total Depth (ft-bmp):	97.7	Water Column(ft):	86.9	Liters in Well:	53.69
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	94	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	13:18	Total Volume Purged (liters):	10	Sample ID:	MW-28-090-Q225	Sample Time:	13:39
Purge End Time:	13:38	Well Volumes Purged (total):	0.19	Replicate Type / Replicate ID:	Equipment Blank / MW-28-090-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:18	0	500	mL/min	10.80	8.71	4.02	3.65	7288	19	0.1	22.68	-53.1	Clear	No Odor
13:22	4	500	mL/min	10.80	8.28	4.02	3.65	7286	14	0.1	22.61	-49.9	Clear	No Odor
13:26	8	500	mL/min	10.80	8.17	4.01	3.64	7279	10	0.1	22.53	-46.5	Clear	No Odor
13:30	12	500	mL/min	10.80	8.22	4.01	3.64	7282	9	0.1	22.43	-44.2	Clear	No Odor
13:34	16	500	mL/min	10.83	8.2	4.01	3.64	7281	9	0.1	22.34	-42.7	Clear	No Odor
13:38	20	500	mL/min	10.83	8.17	4.01	3.64	7280	9	0.1	22.43	-41.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:



Description:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	29.5-39.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	29.04	Total Depth (ft-bmp):	40.7	Water Column(ft):	11.66	Liters in Well:	7.2
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	35	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:54	Total Volume Purged (liters):	10	Sample ID:	MW-29-Q225	Sample Time:	12:15
Purge End Time:	12:14	Well Volumes Purged (total):	1.39	Replicate Type / Replicate ID:	Equipment Blank / MW-29-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:54	0	500	mL/min	29.04	7.81	3.85	4.6	7088	29	0.99	31.5	-85.8	Clear	No Odor
11:58	4	500	mL/min	29.09	7.85	3.85	4.6	7096	21	0.71	31.7	-89.9	Clear	No Odor
12:02	8	500	mL/min	29.09	7.86	3.85	4.6	7112	14	0.59	31.7	-96.5	Clear	No Odor
12:06	12	500	mL/min	29.09	7.86	3.87	4.62	7115	9	0.55	31.8	-98.2	Clear	No Odor
12:10	16	500	mL/min	29.09	7.86	3.87	4.62	7118	9	0.53	31.8	-98.9	Clear	No Odor
12:14	20	500	mL/min	29.09	7.86	3.87	4.62	7119	9	0.52	31.8	-99.5	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),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:

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:

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-30-030R	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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):	-	Casing Diameter (in):		Well Casing Material:	
Static Water Level (ft-bmp):	10.86	Total Depth (ft-bmp):	32.15	Water Column(ft):	21.29	Liters in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	30	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:32	Total Volume Purged (liters):	4.5	Sample ID:	MW-30-030R-Q225	Sample Time:	12:48
Purge End Time:	12:48	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Equipment Blank / MW-30-030R-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:32	0	0.5	mL/min	10.86	7.59	0.79	1.027	1644	10	0.86	27.2	77.6	Clear	No Odor
12:35	3	300	mL/min	10.86	7.64	0.79	1.02	1646	10	0.37	27.4	75.5	Clear	No Odor
12:38	6	300	mL/min	10.87	7.61	0.79	1.027	1650	10	0.3	27.5	72.2	Clear	No Odor
12:41	9	300	mL/min	10.87	8.09	0.79	1.027	1652	10	0.21	27.3	53.7	Clear	No Odor
12:44	12	300	mL/min	10.88	8.05	0.79	1.025	1654	10	0.23	27.3	53.1	Clear	No Odor
12:47	15	300	mL/min	10.89	8.03	0.79	1.022	1656	10	0.21	27.3	53.5	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:

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-30-050	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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):	40-50	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	9.9	Total Depth (ft-bmp):	50.05	Water Column(ft):	40.15	Liters in Well:	99.22
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	47	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	13:04	Total Volume Purged (liters):	4.5	Sample ID:	MW-30-050-Q225	Sample Time:	13:20
Purge End Time:	13:19	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	Equipment Blank / EB-712-Q225	Water Quality Meter/ ID:	Hach 2100-P /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:04	0	300	mL/min	9.90	7.55	2.47	3	4595	7	1.09	26	74	Clear	No Odor
13:07	3	300	mL/min	9.90	7.66	2.53	3.074	4764	7	0.49	26.3	83.9	Clear	No Odor
13:10	6	300	mL/min	9.90	7.62	2.39	2.918	4544	7	0.29	25.5	90.2	Clear	No Odor
13:13	9	300	mL/min	9.91	7.62	2.38	2.905	4510	7	0.27	25.4	90.9	Clear	No Odor
13:16	12	300	mL/min	9.91	7.64	2.38	2.902	4513	7	0.25	25.2	90.9	Clear	No Odor
13:19	15	300	mL/min	9.92	7.63	2.38	2.905	4515	7	0.23	25.2	90.2	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:

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-31-060	Date(s):	2025-06-09	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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 R.		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	41.5-61.5	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	38.68	Total Depth (ft-bmp):	61.42	Water Column(ft):	22.74	Liters in Well:	56.19
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	57	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:38	Total Volume Purged (liters):	4.5	Sample ID:	MW-31-060-0625	Sample Time:	11:54
Purge End Time:	11:53	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:38	0	300	mL/min	38.68	5.95	5.24	6.123	10274	10	3.39	29.8	35.8	Clear	No Odor
11:41	3	300	mL/min	38.68	5.98	5.26	6.136	10207	10	2.86	29.2	54.1	Clear	No Odor
11:44	6	300	mL/min	38.69	6.01	5.26	6.142	10209	10	2.24	29.2	70.3	Clear	No Odor
11:47	9	300	mL/min	38.69	6	5.27	6.142	10199	9	2.07	29.2	76.5	Clear	No Odor
11:50	12	300	mL/min	38.69	6.01	5.27	6.144	10201	9	2.05	29.3	76.1	Clear	No Odor
11:53	15	300	mL/min	38.70	6.01	5.29	6.146	10203	9	2.02	29.3	76.1	Clear	No Odor

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

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:


Description:

Description:

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-31-060	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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):	41.5-61.5	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	37.76	Total Depth (ft-bmp):	61.4	Water Column(ft):	23.64	Liters in Well:	58.42
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	57	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:46	Total Volume Purged (liters):	4.5	Sample ID:	MW-31-060-Q225	Sample Time:	14:02
Purge End Time:	14:01	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	Equipment Blank / EB-722-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:46	0	300	mL/min	37.76	6.2	4.61	5.421	8439	13	1.17	27.7	-81.2	Clear	No Odor
13:49	3	300	mL/min	37.77	6.22	4.92	5.759	9306	10	0.59	27.7	-107.8	Clear	No Odor
13:52	6	300	mL/min	37.79	6.22	4.94	5.772	9359	10	0.46	27.8	-114.8	Clear	No Odor
13:55	9	300	mL/min	37.79	6.22	4.94	5.765	9335	10	0.38	27.6	-118.8	Clear	No Odor
13:58	12	300	mL/min	37.79	6.24	4.94	5.763	9333	10	0.36	27.4	-119.6	Clear	No Odor
14:01	15	300	mL/min	37.79	6.24	4.94	5.763	9335	10	0.34	27.2	-119.1	Clear	No Odor

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

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



Description:



Description:

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-31-135	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:73.06 °F, rH:46%, Clouds: 100%, Wind:0.34mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113-133	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	39.57	Total Depth (ft-bmp):	130.13	Water Column(ft):	90.56	Liters in Well:	55.95
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	123	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:40	Total Volume Purged (liters):	7.5	Sample ID:	MW-31-135-Q225	Sample Time:	11:56
Purge End Time:	11:55	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	Duplicate / MW-911-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:43	0	500	mL/min	39.60	7.08	5.6	6.49	9982	20	3.68	27.4	28.9	Clear	No Odor
11:46	3	500	mL/min	39.60	7.08	5.61	6.49	9987	10	3.61	27.4	25.4	Clear	No Odor
11:49	6	500	mL/min	39.60	7.09	5.63	6.51	10016	6	3.33	27.5	23.5	Clear	No Odor
11:52	9	500	mL/min	39.60	7.09	5.64	6.53	10056	6	3.23	27.5	22.8	Clear	No Odor
11:55	12	500	mL/min	39.60	7.08	5.68	6.57	10106	6	3.1	27.6	22.3	Clear	No Odor

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

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



Description:

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-31-135	Date(s):	2025-06-09	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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 R.		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113-133	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	39.38	Total Depth (ft-bmp):	130.15	Water Column(ft):	90.77	Liters in Well:	56.08
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	125	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:26	Total Volume Purged (liters):	4.5	Sample ID:	MW-31-135-0625	Sample Time:	12:42
Purge End Time:	12:41	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:26	0	300	mL/min	39.38	7.05	6.32	7.377	14133	16	1.35	37.5	72.3	Clear	No Odor
12:29	3	300	mL/min	39.38	6.71	6.3	7.312	13179	16	0.89	34.1	69.7	Clear	No Odor
12:32	6	300	mL/min	39.00	6.73	6.3	7.315	13182	16	0.92	34.1	70.5	Clear	No Odor
12:35	9	300	mL/min	39.01	6.52	6.24	7.226	12772	14	0.48	32.8	72.8	Clear	No Odor
12:38	12	300	mL/min	39.01	6.53	6.24	7.223	12775	14	0.46	32.7	74.5	Clear	No Odor
12:41	15	300	mL/min	39.01	6.53	6.24	7.223	12774	14	0.47	32.7	74.9	Clear	No Odor

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

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

Well Inspection Comments:


Description:

Description:

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-32-020	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	10-20	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	7.57	Total Depth (ft-bmp):	19.24	Water Column(ft):	11.67	Liters in Well:	7.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	16	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	14:22	Total Volume Purged (liters):	10	Sample ID:	MW-32-020-Q225	Sample Time:	14:43
Purge End Time:	14:42	Well Volumes Purged (total):	1.39	Replicate Type / Replicate ID:	Equipment Blank / MW-32-020-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:22	0	500	mL/min	7.57	7.16	20.48	21.2	31950	10	0.37	24.7	60.9	Clear	No Odor
14:26	4	500	mL/min	7.57	7.09	20.48	21.2	31960	10	0.4	24.64	59.7	Clear	No Odor
14:30	8	500	mL/min	7.57	7.01	20.48	21.2	31970	10	0.37	24.62	59.3	Clear	No Odor
14:34	12	500	mL/min	7.57	6.98	20.48	21.2	32010	10	0.33	24.6	58.9	Clear	No Odor
14:38	16	500	mL/min	7.57	6.94	20.48	21.2	32030	10	0.36	24.58	58.7	Clear	No Odor
14:42	20	500	mL/min	7.57	6.93	20.48	21.2	32040	10	0.36	24.54	58.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Location ID:

MW-32-035

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

27.5-35

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

7.35

Total Depth (ft-bmp):

37

Water Column(ft):

29.65

Liters in Well:

73.27

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

34

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

13:47

Total Volume Purged (liters):

10

Sample ID:

MW-32-035-Q225

Sample Time:

14:08

Purge End Time:

14:07

Well Volumes Purged (total):

0.14

Replicate Type / Replicate ID:

Equipment Blank / MW-32-035-EB-Q225

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:47	0	500	mL/min	5.87	9.13	7.25	6.36	12880	10	0.86	27.26	-225.7	Clear	No Odor
13:51	4	500	mL/min	5.87	8.91	6.93	6.09	12440	9	0.83	27.06	-216.9	Clear	No Odor
13:55	8	500	mL/min	5.87	8.8	6.62	5.85	11900	8	0.8	27.06	-211.5	Clear	No Odor
13:59	12	500	mL/min	5.87	8.71	6.62	5.85	11550	8	0.8	26.94	-210.3	Clear	No Odor
14:03	16	500	mL/min	5.87	8.67	6.62	5.85	11540	8	0.8	26.9	-209.8	Clear	No Odor
14:07	20	500	mL/min	5.87	8.64	6.62	5.85	11550	8	0.8	26.91	-209.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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


Description:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	Partly Cloudy			Field Technician:	Nara Tep		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	29-39	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	30.9	Total Depth (ft-bmp):	40.96	Water Column(ft):	10.06	Liters in Well:	6.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	35	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	14:19	Total Volume Purged (liters):	10	Sample ID:	MW-33-040-Q225	Sample Time:	14:40
Purge End Time:	14:39	Well Volumes Purged (total):	1.61	Replicate Type / Replicate ID:	Equipment Blank / MW-33-040-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:19	0	500	mL/min	30.90	7.84	5.34	6.24	9597	19	1.78	31.5	78.9	Clear	No Odor
14:23	4	500	mL/min	30.96	7.81	5.34	6.24	9622	13	1.71	31.6	74.3	Clear	No Odor
14:27	8	500	mL/min	30.96	7.83	5.34	6.24	9625	10	1.68	31.6	72.8	Clear	No Odor
14:31	12	500	mL/min	30.96	7.83	5.34	6.24	9629	8	1.64	31.6	69.9	Clear	No Odor
14:35	16	500	mL/min	30.96	7.82	5.34	6.24	9633	8	1.61	31.7	66.4	Clear	No Odor
14:39	20	500	mL/min	30.96	7.81	5.34	6.24	9634	8	1.59	31.7	65.7	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
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

ft-bmp = feet below measuring point	uS/cm = microSiemens per centimeter	mV = millivolts
in = inches	NTU = Nephelometric Turbidity Unit	°F = degrees Fahrenheit
ft = feet	mg/L = milligrams per liter	°C = degrees Celsius
mL/min = milliliters per minute	S.U = standard units	gpm = gallons per minute
	mS/cm = milliSiemens per centimeter	

Location ID:	MW-33-090	Date(s):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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):	69-88.3	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	30.81	Total Depth (ft-bmp):	88.15	Water Column(ft):	57.34	Liters in Well:	141.69
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	80	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	13:35	Total Volume Purged (liters):	10	Sample ID:	MW-33-090-Q225	Sample Time:	13:56
Purge End Time:	13:55	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Equipment Blank / EB-752-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:35	0	500	mL/min	30.81	7.92	5.16	6.04	9297	16	1.42	31.2	62.8	Clear	No Odor
13:39	4	500	mL/min	30.89	7.88	5.16	6.04	9354	11	1.33	31.6	58.7	Clear	No Odor
13:43	8	500	mL/min	30.89	7.85	5.16	6.04	9369	7	1.28	31.6	55.8	Clear	No Odor
13:47	12	500	mL/min	30.89	7.82	5.16	6.04	9377	5	1.25	31.6	53.9	Clear	No Odor
13:51	16	500	mL/min	30.89	7.82	5.16	6.04	9379	5	1.22	31.6	53.2	Clear	No Odor
13:55	20	500	mL/min	30.89	7.81	5.16	6.04	9380	5	1.21	31.6	52.9	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
5	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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):	132-152	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	31.32	Total Depth (ft-bmp):	155.04	Water Column(ft):	123.72	Liters in Well:	76.43
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	142	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:13	Total Volume Purged (liters):	10	Sample ID:	MW-33-150-Q225	Sample Time:	11:34
Purge End Time:	11:33	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:13	0	500	mL/min	31.37	7.75	8.92	10.04	15461	21	1.23	31.2	36.5	Clear	No Odor
11:17	4	500	mL/min	31.43	7.77	8.92	10.04	15469	15	1.19	31.6	39.9	Clear	No Odor
11:21	8	500	mL/min	31.43	7.78	8.92	10.04	15477	9	1.13	31.6	42.5	Clear	No Odor
11:25	12	500	mL/min	31.43	7.78	8.92	10.04	15479	7	1.09	31.7	42.9	Clear	No Odor
11:29	16	500	mL/min	31.43	7.79	8.92	10.04	15483	7	1.07	31.7	43.5	Clear	No Odor
11:33	20	500	mL/min	31.43	7.79	8.92	10.04	15484	7	1.06	31.7	43.9	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:

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:

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-33-210

Date(s): 2025-05-29

Work Order(s): PGE_Topock_2025_Q2_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): 190-210

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 30.41

Total Depth (ft-bmp): 222.09

Water Column(ft): 191.68

Liters in Well: 118.42

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 200

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 12:44

Total Volume Purged (liters): 10

Sample ID: MW-33-210-Q225

Sample Time: 13:05

Purge End Time: 13:04

Well Volumes Purged (total): 0.08

Replicate Type / Replicate ID: N/A

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:44	0	500	mL/min	30.41	7.71	5.15	6.04	9297	18	1.59	31.2	56.3	Clear	No Odor
12:48	4	500	mL/min	30.41	7.74	5.15	6.04	9306	15	1.51	31.4	51.6	Clear	No Odor
12:52	8	500	mL/min	30.41	7.75	5.15	6.04	9312	10	1.44	31.4	49.9	Clear	No Odor
12:56	12	500	mL/min	30.41	7.75	5.15	6.04	9315	8	1.42	31.4	49.1	Clear	No Odor
13:00	16	500	mL/min	30.41	7.74	5.15	6.04	9318	8	1.39	31.5	47.8	Clear	No Odor
13:04	20	500	mL/min	30.41	7.74	5.15	6.04	9319	8	1.37	31.5	47.2	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)	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:

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:

Location ID:	MW-34-055	Date(s):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	45-55	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	4.14	Total Depth (ft-bmp):	56.8	Water Column(ft):	52.66	Liters in Well:	130.13
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	50	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	14:32	Total Volume Purged (liters):	4.5	Sample ID:	MW-34-055-Q225	Sample Time:	14:48
Purge End Time:	14:47	Well Volumes Purged (total):	0.03	Replicate Type / Replicate ID:	Equipment Blank / MW-34-055-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:32	0	300	mL/min	4.14	12.74	0.79	0.903	1304	19	4.74	20.8	84.9	Clear	No Odor
14:35	3	300	mL/min	4.14	13.09	0.68	0.884	1249	17	3.52	20.7	90.7	Clear	No Odor
14:38	6	300	mL/min	4.14	13.28	0.68	0.877	1233	17	3.34	20.6	92.9	Clear	No Odor
14:41	9	300	mL/min	4.14	13.25	0.68	0.875	1231	17	3.32	20.6	95.4	Clear	No Odor
14:44	12	300	mL/min	4.14	13.23	0.68	0.873	1234	17	3.35	20.6	96.7	Clear	No Odor
14:47	15	300	mL/min	4.15	13.23	0.68	0.871	1233	17	3.36	20.5	96.3	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	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:



Description:



Description:

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-34-080

Date(s): 2025-05-14

Work Order(s): PGE_Topock_2025_Q2_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): 73-83

Casing Diameter (in): 4

Well Casing Material:

Static Water Level (ft-bmp): 4.38

Total Depth (ft-bmp): 84.15

Water Column(ft): 79.77

Liters in Well: 197.12

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 80

Purge Method: Low Flow

Purging Equipment: Submersible Pump

Purge Start Time: 14:02

Total Volume Purged (liters): 4.5

Sample ID: MW-34-080-Q225

Sample Time: 14:18

Purge End Time: 14:17

Well Volumes Purged (total): 0.02

Replicate Type / Replicate ID: Equipment Blank / MW-34-080-EB-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:02	0	300	mL/min	4.38	11.26	9.43	10.49	14952	16	8.39	20.9	4.1	Clear	No Odor
14:05	3	300	mL/min	4.38	12.04	8.7	9.71	13877	16	3.57	20.9	17.2	Clear	No Odor
14:08	6	300	mL/min	4.40	12.73	7.39	9.352	12003	16	3.53	20.9	11.3	Clear	No Odor
14:11	9	300	mL/min	4.40	13.04	7.14	8.079	11507	16	3.5	21	34.3	Clear	No Odor
14:14	12	300	mL/min	4.41	13.02	7.14	8.075	11505	16	3.52	21	34.6	Clear	No Odor
14:17	15	300	mL/min	4.41	13.02	7.12	8.072	11504	16	3.51	21	34.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
18	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:


Description:

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-34-100	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:98.29 °F, rH:12%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	89.5-99.5	Casing Diameter (in):	2	Well Casing Material:	PVC
Static Water Level (ft-bmp):	5.01	Total Depth (ft-bmp):	115.72	Water Column(ft):	110.71	Liters in Well:	68.39
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:00	Total Volume Purged (liters):	7.5	Sample ID:	MW-34-100-0625	Sample Time:	10:16
Purge End Time:	10:15	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:03	0	500	mL/min	5.05	7.08	7.24	8.18	12602	6	0.35	20.8	-49.6	Clear	No Odor
10:06	3	500	mL/min	5.05	7.09	7.18	8.12	12496	6	0.19	20.8	-36	Clear	No Odor
10:09	6	500	mL/min	5.05	7.1	6.98	7.91	12185	6	0.14	20.8	-29	Clear	No Odor
10:12	9	500	mL/min	5.05	7.11	6.88	7.81	12017	6	0.13	20.7	-27.8	Clear	No Odor
10:15	12	500	mL/min	5.05	7.11	6.84	7.76	11940	6	0.14	20.7	-25.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

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:

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:

Location ID:	MW-34-100	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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:73.74 °F, rH:58%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	89.5-99.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.45	Total Depth (ft-bmp):	115.7	Water Column(ft):	110.25	Liters in Well:	68.11
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:56	Total Volume Purged (liters):	7.5	Sample ID:	MW-34-100-Q225	Sample Time:	09:12
Purge End Time:	09:11	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:59	0	500	mL/min	5.48	7.06	7.47	8.43	12992	8	2.37	20	-211	Clear	No Odor
09:02	3	500	mL/min	5.48	6.99	7.38	8.32	12797	8	0.29	20	-105.5	Clear	No Odor
09:05	6	500	mL/min	5.48	6.96	6.52	7.42	11523	8	0.15	20	-95.1	Clear	No Odor
09:08	9	500	mL/min	5.48	6.95	6.54	7.44	11503	8	0.14	20	-88.2	Clear	No Odor
09:11	12	500	mL/min	5.48	6.94	6.53	7.43	11423	8	0.13	20	-87.8	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:

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):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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):	41-61	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	35.9	Total Depth (ft-bmp):	58.23	Water Column(ft):	22.33	Liters in Well:	13.8
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	54	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	14:12	Total Volume Purged (liters):	4.5	Sample ID:	MW-35-060-Q225	Sample Time:	14:28
Purge End Time:	14:27	Well Volumes Purged (total):	0.33	Replicate Type / Replicate ID:	Equipment Blank / EB-737-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:12	0	300	mL/min	35.90	8.61	4.11	4.855	8123	10	2.1	28.3	128.9	Clear	No Odor
14:15	3	300	mL/min	35.90	8.27	4.02	4.756	7731	10	1.85	27.8	131.4	Clear	No Odor
14:18	6	300	mL/min	35.90	8.08	3.84	4.725	7649	10	1.72	27.7	132.1	Clear	No Odor
14:21	9	300	mL/min	35.90	8	3.98	4.712	7623	10	1.52	27.6	132.1	Clear	No Odor
14:24	12	300	mL/min	35.92	8.02	3.99	4.715	7625	10	1.54	27.3	132.5	Clear	No Odor
14:27	15	300	mL/min	35.92	8.02	3.99	4.712	7622	10	1.52	27.3	132.9	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
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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):	116-136	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.9	Total Depth (ft-bmp):	154.4	Water Column(ft):	129.5	Liters in Well:	80
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	147	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	14:30	Total Volume Purged (liters):	10	Sample ID:	MW-35-135-Q225	Sample Time:	14:51
Purge End Time:	14:50	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:30	0	500	mL/min	24.90	7.26	6.37	5.62	2611	23	0.1	28.85	-111.2	Clear	No Odor
14:34	4	500	mL/min	24.90	6.87	6.37	5.62	11520	17	0.1	28.57	-101.6	Clear	No Odor
14:38	8	500	mL/min	24.90	6.9	6.37	5.62	11950	16	0.1	28.56	-98.7	Clear	No Odor
14:42	12	500	mL/min	24.90	6.91	6.37	5.62	12040	10	0.1	28.4	-98.7	Clear	No Odor
14:46	16	500	mL/min	24.90	6.94	6.37	5.62	12050	10	0.13	28.34	-99.3	Clear	No Odor
14:50	20	500	mL/min	24.90	6.92	6.37	5.62	12060	10	0.15	28.27	-99.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, total 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:

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-36-020

Date(s): 2025-05-07

Work Order(s): PGE_Topock_2025_Q2_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): 10-20

Casing Diameter (in): 1

Well Casing Material:

Static Water Level (ft-bmp): 13.13

Total Depth (ft-bmp): 22.4

Water Column(ft): 9.27

Liters in Well: 1.43

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 20

Purge Method: Low Flow

Purging Equipment: Peristaltic Pump

Purge Start Time: 11:20

Total Volume Purged (liters): 4.5

Sample ID: MW-36-020-Q225

Sample Time: 11:36

Purge End Time: 11:35

Well Volumes Purged (total): 3.15

Replicate Type / Replicate ID: Duplicate / MW-912-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:20	0	300	mL/min	13.13	7.53	0.8	1.033	1743	19	1.66	26.2	85.2	Clear	No Odor
11:23	3	300	mL/min	13.13	7.47	0.66	0.864	1377	19	0.84	26.6	76.8	Clear	No Odor
11:26	6	300	mL/min	13.13	7.45	0.61	0.799	1251	19	0.57	25.9	72.2	Clear	No Odor
11:29	9	300	mL/min	13.13	7.38	0.61	0.799	1256	17	0.47	26	73.5	Clear	No Odor
11:32	12	300	mL/min	13.15	7.35	0.61	0.797	1259	17	0.45	26	73.2	Clear	No Odor
11:35	15	300	mL/min	13.15	7.36	0.61	0.799	1261	17	0.47	26	73.5	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	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:



Description:



Description:

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-36-040	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	clear	Field Technician:	Jyovanny Rebolledo		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	30-40	Casing Diameter (in):	1
Static Water Level (ft-bmp):	13.39	Total Depth (ft-bmp):	42.01	Water Column(ft):	28.62
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	40	Purge Method:	Low Flow
Purge Start Time:	10:14	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-040-Q225
Purge End Time:	10:29	Well Volumes Purged (total):	1.02	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes	Well Casing Material:		Liters in Well:	4.42
		Purging Equipment:	Peristaltic Pump	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:14	0	300	mL/min	13.39	6.91	1.13	1.458	2136	10	3.14	22.7	61.9	Clear	No Odor
10:17	3	300	mL/min	13.40	7.4	0.82	1.059	1580	10	2.27	22.9	56.1	Clear	No Odor
10:20	6	300	mL/min	13.41	7.41	0.75	0.975	1461	10	1.23	23.7	58.5	Clear	No Odor
10:23	9	300	mL/min	13.41	7.42	0.74	0.962	1440	10	1.04	23.7	61.2	Clear	No Odor
10:26	12	300	mL/min	13.42	7.45	0.74	0.965	1443	10	1.02	23.9	61.6	Clear	No Odor
10:29	15	300	mL/min	13.42	7.44	0.74	0.963	1446	10	1.01	23.9	61.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:



Description:

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-36-050	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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):	46-51	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	13.33	Total Depth (ft-bmp):	52.95	Water Column(ft):	39.62	Liters in Well:	6.12
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	50	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:10	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-050-Q225	Sample Time:	09:26
Purge End Time:	09:25	Well Volumes Purged (total):	0.74	Replicate Type / Replicate ID:	MS/MSD / MW-36-050-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:10	0	300	mL/min	13.33	7.41	1.27	1.644	2423	18	0.02	20.4	82	Clear	No Odor
09:13	3	300	mL/min	13.33	7.21	0.68	0.877	1248	16	0.02	20.8	62.9	Clear	No Odor
09:16	6	300	mL/min	13.34	7.2	0.67	0.861	1231	16	0.02	20.8	61.9	Clear	No Odor
09:19	9	300	mL/min	13.34	7.08	0.66	0.851	1204	14	0.02	20.9	69	Clear	No Odor
09:22	12	300	mL/min	13.34	7.1	0.66	0.853	1202	14	0.04	20.8	65.4	Clear	No Odor
09:25	15	300	mL/min	13.34	7.11	0.66	0.851	1204	14	0.03	20.7	65.9	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

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



Description:



Description:

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-36-070	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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):	60-70	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	13.91	Total Depth (ft-bmp):	72.28	Water Column(ft):	58.37	Liters in Well:	9.01
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	69	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:47	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-070-Q225	Sample Time:	11:03
Purge End Time:	11:02	Well Volumes Purged (total):	0.50	Replicate Type / Replicate ID:	Equipment Blank / MW-36-070-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:47	0	300	mL/min	13.91	7.11	0.83	1.079	1677	19	0.02	24.7	31.9	Clear	No Odor
10:50	3	300	mL/min	13.93	6.37	0.83	1.066	1619	15	0.02	24.7	2.7	Clear	No Odor
10:53	6	300	mL/min	13.94	7.22	0.98	1.254	1916	15	0.02	24.9	28.2	Clear	No Odor
10:56	9	300	mL/min	13.94	7.32	1.01	1.287	1988	15	0.02	25.1	46.4	Clear	No Odor
10:59	12	300	mL/min	13.94	7.34	1.03	1.285	1985	16	0.03	25.3	46.1	Clear	No Odor
11:02	15	300	mL/min	13.94	7.36	1.03	1.285	1983	16	0.02	25.4	46.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:



Description:

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-36-090	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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):	80-90	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	13.76	Total Depth (ft-bmp):	92.36	Water Column(ft):	78.6	Liters in Well:	12.14
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	89	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:41	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-090-Q225	Sample Time:	09:57
Purge End Time:	09:56	Well Volumes Purged (total):	0.37	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:41	0	300	mL/min	13.76	7.27	3.41	4.062	5212	13	0.02	21.7	63.3	Clear	No Odor
09:44	3	300	mL/min	13.76	7.2	2.98	3.458	5001	13	0.02	22	24	Clear	No Odor
09:47	6	300	mL/min	13.76	7.2	2.98	3.458	5001	13	0.02	22	24	Clear	No Odor
09:50	9	300	mL/min	13.77	7.37	2.92	3.516	5109	13	0.02	22.2	51.3	Clear	No Odor
09:53	12	300	mL/min	13.78	7.35	2.92	3.514	5107	13	0.04	22.3	51.5	Clear	No Odor
09:56	15	300	mL/min	13.78	7.35	2.92	3.516	5106	13	0.06	22.1	51.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:



Description:

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-36-100	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	88-98	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	14	Total Depth (ft-bmp):	109.71	Water Column(ft):	95.71	Liters in Well: 59.13
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	104	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	11:39	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-100-0625	Sample Time: 11:55
Purge End Time:	11:54	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:39	0	300	mL/min	14.00	7.43	7.37	8.476	16112	10	0.51	44.4	55	Clear	No Odor
11:42	3	300	mL/min	14.00	7.2	7.65	8.846	17914	10	0.32	41.3	67.1	Clear	No Odor
11:45	6	300	mL/min	14.00	7.11	7.2	8.345	16879	10	0.33	41.1	74.8	Clear	No Odor
11:48	9	300	mL/min	14.02	7.08	3.85	7.982	16041	10	0.28	40.8	77	Clear	No Odor
11:51	12	300	mL/min	14.02	7.05	3.85	7.985	16043	10	0.25	40.6	77.4	Clear	No Odor
11:54	15	300	mL/min	14.02	7.05	3.85	7.983	16042	10	0.27	40.5	77.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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

Well Inspection Comments:

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:



Description:

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-36-100	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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):	88-98	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	13.91	Total Depth (ft-bmp):	109.75	Water Column(ft):	95.84	Liters in Well:	59.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	102	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	08:40	Total Volume Purged (liters):	4.5	Sample ID:	MW-36-100-Q225	Sample Time:	08:56
Purge End Time:	08:55	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:40	0	300	mL/min	13.91	5.72	7.53	8.443	11316	12	6.86	19.4	-1.8	Clear	No Odor
08:43	3	300	mL/min	13.91	6.99	7.85	8.914	12146	12	3.3	19.5	29.4	Clear	No Odor
08:46	6	300	mL/min	13.91	7.2	7.11	8.047	11218	12	2.19	19.8	77.3	Clear	No Odor
08:49	9	300	mL/min	13.91	7.21	6.9	7.819	10843	12	1.84	19.8	89.4	Clear	No Odor
08:52	12	300	mL/min	13.93	7.23	6.9	7.822	10841	12	1.81	19.7	89.1	Clear	No Odor
08:55	15	300	mL/min	13.93	7.21	6.9	7.819	10843	12	1.83	19.7	89.5	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:



Description:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	180-200	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	30.5	Total Depth (ft-bmp):	225.9	Water Column(ft):	195.4	Liters in Well:	120.71
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	220	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:53	Total Volume Purged (liters):	4.5	Sample ID:	MW-37D-Q225	Sample Time:	12:09
Purge End Time:	12:08	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:53	0	300	mL/min	30.50	7.87	5.83	6.935	14715	16	2.09	44.3	80.7	Clear	No Odor
11:56	3	300	mL/min	30.50	7.91	5.77	6.766	12997	12	2	38	80.4	Clear	No Odor
11:59	6	300	mL/min	30.50	7.92	5.77	6.766	12994	12	2.04	38	81.1	Clear	No Odor
12:02	9	300	mL/min	30.53	7.93	5.77	6.76	13001	12	1.97	38.1	83.8	Clear	No Odor
12:05	12	300	mL/min	30.53	7.95	5.77	6.763	13005	12	1.92	38.1	85.4	Clear	No Odor
12:08	15	300	mL/min	30.53	7.97	5.77	6.762	13003	12	1.95	38.1	85.1	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:

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:



Description:

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):

2025-05-28

Work Order(s):

PGE_Topock_2025_Q2_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):

64-84

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

30.35

Total Depth (ft-bmp):

86.75

Water Column(ft):

56.4

Liters in Well:

34.84

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

81

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

12:46

Total Volume Purged (liters):

4.5

Sample ID:

MW-37S-Q225

Sample Time:

13:02

Purge End Time:

13:01

Well Volumes Purged (total):

0.13

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:46	0	300	mL/min	30.35	7.73	3.73	4.537	6102	15	1.75	33.5	76.4	Clear	No Odor
12:49	3	300	mL/min	30.35	7.65	3.95	4.732	6254	15	0.93	32.6	79	Clear	No Odor
12:52	6	300	mL/min	30.35	7.69	4.1	4.882	8503	15	0.61	32.4	84.6	Clear	No Odor
12:55	9	300	mL/min	30.35	7.71	4.12	4.885	8501	15	0.55	32.4	86.2	Clear	No Odor
12:58	12	300	mL/min	30.35	7.71	4.12	4.882	8503	15	0.55	32.2	86.6	Clear	No Odor
13:01	15	300	mL/min	30.36	7.73	4.12	4.884	8501	15	0.52	32.1	86.1	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:

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:



Description:

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-38D

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

163-183

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

70.43

Total Depth (ft-bmp):

184.85

Water Column(ft):

114.42

Liters in Well:

70.69

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

180

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

10:07

Total Volume Purged (liters):

4.5

Sample ID:

MW-38D-Q225

Sample Time:

NA

Purge End Time:

10:22

Well Volumes Purged (total):

0.06

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:07	0	300	mL/min	70.430	10.4	10.52	11.73	21547	13	2.78	35.9	40	Clear	No Odor
10:10	3	300	mL/min	70.450	10.95	10.95	12.83	23412	11	1.32	36.4	35.6	Clear	No Odor
10:13	6	300	mL/min	70.450	10.79	13.47	14.72	26960	11	0.69	35.1	31.2	Clear	No Odor
10:16	9	300	mL/min	70.450	10.67	13.58	14.82	27165	9	0.54	35	20.3	Clear	No Odor
10:19	12	300	mL/min	70.460	10.65	13.55	14.78	27169	9	0.52	35.1	20.5	Clear	No Odor
10:22	15	300	mL/min	70.460	10.63	13.56	14.75	27165	9	0.51	35.3	20.2	Clear	No Odor

Constituent Sampled

Container

Number

Volume

Preservative

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-38S

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

75-95

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

68.92

Total Depth (ft-bmp):

97.1

Water Column(ft):

28.18

Liters in Well:

17.41

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

90

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

10:47

Total Volume Purged (liters):

4.5

Sample ID:

MW-38S-Q225

Sample Time:

NA

Purge End Time:

11:02

Well Volumes Purged (total):

0.26

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:47	0	300	mL/min	68.920	9.24	2.02	2.657	5407	7	3.24	34.9	75.7	Clear	No Odor
10:50	3	300	mL/min	68.940	8.61	1.29	1.644	2907	7	3.49	32.3	79	Clear	No Odor
10:53	6	300	mL/min	68.950	8.38	1.28	1.638	2859	7	3.57	31.9	81.6	Clear	No Odor
10:56	9	300	mL/min	68.950	8.36	1.29	1.644	2861	7	3.44	32.2	82.2	Clear	No Odor
10:59	12	300	mL/min	68.950	8.34	1.31	1.641	2863	7	3.42	32.1	82.6	Clear	No Odor
11:02	15	300	mL/min	68.960	8.33	1.31	1.643	2864	7	3.44	32.3	82.4	Clear	No Odor

Constituent Sampled

Container

Number

Volume

Preservative

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-39-040

Date(s): 2025-05-06

Work Order(s): PGE_Topock_2025_Q2_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): 30-40

Casing Diameter (in): 1

Well Casing Material:

Static Water Level (ft-bmp): 11.55

Total Depth (ft-bmp): 37.4

Water Column(ft): 25.85

Liters in Well: 3.99

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 35

Purge Method: Low Flow

Purging Equipment: Peristaltic Pump

Purge Start Time: 12:02

Total Volume Purged (liters): 4.5

Sample ID: MW-39-040-Q225

Sample Time: 12:18

Purge End Time: 12:18

Well Volumes Purged (total): 1.13

Replicate Type / Replicate ID: Equipment Blank / MW-39-040-EB-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:02	0	300	mL/min	11.55	7.62	0.59	0.773	1174	19	1.28	23.7	104.9	Clear	No Odor
12:05	3	300	mL/min	11.55	7.46	0.59	0.773	1160	14	0.35	23.4	85.2	Clear	No Odor
12:08	6	300	mL/min	11.56	7.42	0.59	0.773	1151	14	0.24	23.4	72.5	Clear	No Odor
12:11	9	300	mL/min	11.56	7.4	0.59	0.767	1146	14	0.22	23.4	70.5	Clear	No Odor
12:14	12	300	mL/min	11.56	7.42	0.59	0.765	1143	14	0.24	23.2	70.1	Clear	No Odor
12:17	15	300	mL/min	11.57	7.41	0.59	0.762	1141	14	0.22	23.3	70.3	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:



Description:

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-39-050

Date(s):

2025-05-06

Work Order(s):

PGE_Topock_2025_Q2_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):

47-52

Casing Diameter (in):

1

Well Casing Material:

Static Water Level (ft-bmp):

11.63

Total Depth (ft-bmp):

54.34

Water Column(ft):

42.71

Liters in Well:

6.6

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

52

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

10:26

Total Volume Purged (liters):

4.5

Sample ID:

MW-39-050-Q225

Sample Time:

10:42

Purge End Time:

10:41

Well Volumes Purged (total):

0.68

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:26	0	300	mL/min	11.63	7.21	1	1.274	1893	10	3.67	22.6	120	Clear	No Odor
10:29	3	300	mL/min	11.63	7.15	1.27	1.605	2341	10	0.53	22.3	120.6	Clear	No Odor
10:32	6	300	mL/min	11.63	7.13	1.25	1.609	2350	10	0.39	22.4	121.2	Clear	No Odor
10:35	9	300	mL/min	11.64	7.12	1.28	1.612	2359	10	0.34	22.4	121.7	Clear	No Odor
10:38	12	300	mL/min	11.64	7.14	1.28	1.615	2362	10	0.32	22.2	121.1	Clear	No Odor
10:41	15	300	mL/min	11.64	7.14	1.28	1.612	2364	10	0.34	22.1	121.3	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:



Description:

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-39-060	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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):	49-59	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	11.86	Total Depth (ft-bmp):	59.81	Water Column(ft):	47.95	Liters in Well:	7.41
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	55	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:57	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-060-Q225	Sample Time:	10:13
Purge End Time:	10:12	Well Volumes Purged (total):	0.61	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:57	0	300	mL/min	11.86	7.4	1.85	2.34	3868	18	0.74	22.6	123.1	Clear	No Odor
10:00	3	300	mL/min	11.86	7.15	1.37	1.722	2504	12	0.5	22.4	119.7	Clear	No Odor
10:03	6	300	mL/min	11.86	7.14	1.38	1.729	2523	12	0.53	22.4	120	Clear	No Odor
10:06	9	300	mL/min	11.86	7.13	1.44	1.8	2623	12	0.49	22.3	120.8	Clear	No Odor
10:09	12	300	mL/min	11.86	7.15	1.44	1.801	2625	12	0.45	22.3	120.1	Clear	No Odor
10:12	15	300	mL/min	11.87	7.13	1.44	1.801	2623	12	0.42	22.1	120.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:



Description:

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-39-070	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	60-70	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	12.35	Total Depth (ft-bmp):	71.37	Water Column(ft):	59.02	Liters in Well:	9.12
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	67	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:43	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-070-0625	Sample Time:	10:59
Purge End Time:	10:58	Well Volumes Purged (total):	0.49	Replicate Type / Replicate ID:	Duplicate / MW-934-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:43	0	300	mL/min	12.35	6.73	1.66	2.067	3318	14	0.01	27.3	80.4	Clear	No Odor
10:46	3	300	mL/min	12.37	6.63	1.67	2.08	3299	14	0.02	26.6	79.5	Clear	No Odor
10:49	6	300	mL/min	12.37	6.63	1.67	2.08	3336	14	0.01	27.2	83.1	Clear	No Odor
10:52	9	300	mL/min	12.38	6.61	1.65	2.08	3329	14	0.01	27.1	84.8	Clear	No Odor
10:55	12	300	mL/min	12.38	6.63	1.65	2.07	3331	14	0.02	27.3	84.4	Clear	No Odor
10:58	15	300	mL/min	12.38	6.63	1.62	2.07	3334	14	0.02	27.1	84.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	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:

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:



Description:

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-39-070	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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):	60-70	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	12.25	Total Depth (ft-bmp):	71.34	Water Column(ft):	59.09	Liters in Well:	9.13
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	68	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:22	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-070-Q225	Sample Time:	11:38
Purge End Time:	11:37	Well Volumes Purged (total):	0.49	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:22	0	300	mL/min	12.25	7.34	1.63	2	2833	12	2.49	23.4	126.4	Clear	No Odor
11:25	3	300	mL/min	12.25	7.3	1.8	2.229	3307	12	0.67	23.2	123.4	Clear	No Odor
11:28	6	300	mL/min	12.26	7.26	1.8	2.223	3311	10	0.38	23.3	121.4	Clear	No Odor
11:31	9	300	mL/min	12.26	7.26	1.8	2.229	3308	10	0.36	23.3	121.1	Clear	No Odor
11:34	12	300	mL/min	12.26	7.24	1.8	2.225	3305	10	0.38	23.3	121.5	Clear	No Odor
11:37	15	300	mL/min	12.27	7.22	1.82	2.222	3303	10	0.35	23.1	121.9	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:



Description:

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-39-080	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_V1_FINAL	
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area: Default Site
Weather:	clearly	Field Technician:			Jyovanny Rebolledo	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	70-80	Casing Diameter (in):	1	Well Casing Material:
Static Water Level (ft-bmp):	12.46	Total Depth (ft-bmp):	81.92	Water Column(ft):	69.46	Liters in Well: 10.73
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	77	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	09:50	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-080-0625	Sample Time: 10:06
Purge End Time:	10:06	Well Volumes Purged (total):	0.42	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:50	0	300	mL/min	12.46	6.6	1.99	2.457	3954	16	1.22	27.8	75.2	Clear	No Odor
09:53	3	300	mL/min	12.47	6.75	2.02	2.509	4193	16	0.85	30.6	74	Clear	No Odor
09:56	6	300	mL/min	12.47	6.86	2.1	2.606	4524	16	0.74	31.7	74	Clear	No Odor
09:59	9	300	mL/min	12.48	6.87	2.11	2.619	4533	16	0.58	31.6	73.1	Clear	No Odor
10:02	12	300	mL/min	12.49	6.89	2.13	2.617	4535	16	0.55	31.6	73.5	Clear	No Odor
10:05	15	300	mL/min	12.49	6.89	2.13	2.615	4534	16	0.53	31.6	73.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-39-080	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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):	70-80	Casing Diameter (in):	1	Well Casing Material:	
Static Water Level (ft-bmp):	12.15	Total Depth (ft-bmp):	81.95	Water Column(ft):	69.8	Liters in Well:	10.78
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	78	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:52	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-080-Q225	Sample Time:	11:08
Purge End Time:	11:07	Well Volumes Purged (total):	0.42	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:52	0	300	mL/min	12.15	7.3	1.97	2.418	3514	8	2.12	23	127.1	Clear	No Odor
10:55	3	300	mL/min	12.16	7.27	2.27	2.769	4116	8	0.53	23.4	123.9	Clear	No Odor
10:58	6	300	mL/min	12.16	7.26	2.27	2.801	4170	8	0.52	23.5	123.8	Clear	No Odor
11:01	9	300	mL/min	12.16	7.26	2.36	2.879	4285	8	0.48	23.4	123.3	Clear	No Odor
11:04	12	300	mL/min	12.16	7.24	2.32	2.875	4282	8	0.45	23.2	123.1	Clear	No Odor
11:07	15	300	mL/min	12.16	7.22	2.32	2.875	4285	8	0.42	23.1	123.3	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:



Description:

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-39-100	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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):	80-100	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	12.34	Total Depth (ft-bmp):	116.36	Water Column(ft):	104.02	Liters in Well:	64.26
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	110	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:24	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-100-Q225	Sample Time:	09:40
Purge End Time:	09:40	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Duplicate / MW-913-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:24	0	300	mL/min	12.34	6.57	11.2	12.26	17680	26	3.95	22.2	140	Clear	No Odor
09:27	3	300	mL/min	12.34	6.98	11.92	12.96	18834	24	2.78	22.2	139.5	Clear	No Odor
09:30	6	300	mL/min	12.35	6.9	11.94	13	18957	21	1.74	22.2	140	Clear	No Odor
09:33	9	300	mL/min	12.35	6.9	11.32	12.38	18136	18	1.01	22.2	139.8	Clear	No Odor
09:36	12	300	mL/min	12.35	6.92	11.32	12.35	18132	18	1.05	22	139.2	Clear	No Odor
09:39	15	300	mL/min	12.35	6.91	11.32	12.351	18135	18	1.02	22	139.5	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)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
18	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:



Description:



Description:

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-39-100	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	80-100	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	12.56	Total Depth (ft-bmp):	116.34	Water Column(ft):	103.78	Liters in Well: 64.11
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	112	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	09:13	Total Volume Purged (liters):	4.5	Sample ID:	MW-39-100-0625	Sample Time: 09:30
Purge End Time:	09:28	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:13	0	300	mL/min	12.56	6.34	10.08	11.29	17504	10	4.78	25.4	70.2	Clear	No Odor
09:16	3	300	mL/min	12.58	6.33	10.99	12.06	18632	10	3.46	25.2	68.5	Clear	No Odor
09:19	6	300	mL/min	12.58	6.32	10.41	11.51	18026	10	2.37	25.4	69.4	Clear	No Odor
09:22	9	300	mL/min	12.58	6.19	7.86	8.88	13773	10	0.64	25	73	Clear	No Odor
09:25	12	300	mL/min	12.59	6.21	7.84	8.89	13775	10	0.62	25	73.4	Clear	No Odor
09:28	15	300	mL/min	12.59	6.21	7.84	8.89	13774	10	0.61	25	73.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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:

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:

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):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_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):	240-260	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	110.58	Total Depth (ft-bmp):	265.51	Water Column(ft):	154.93	Liters in Well:	95.71
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	250	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	08:35	Total Volume Purged (liters):	10	Sample ID:	MW-40D-Q225	Sample Time:	08:56
Purge End Time:	08:55	Well Volumes Purged (total):	0.10	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:35	0	500	mL/min	110.58	7.38	7.93	8.99	13839	17	1.69	30.5	-19.6	Clear	No Odor
08:39	4	500	mL/min	110.63	7.42	7.94	9.01	13845	13	1.41	30.4	3.9	Clear	No Odor
08:43	8	500	mL/min	110.63	7.45	7.94	9.01	13859	8	1.23	30.4	8.2	Clear	No Odor
08:47	12	500	mL/min	110.63	7.46	7.94	9.01	13852	7	1.19	30.4	10.9	Clear	No Odor
08:51	16	500	mL/min	110.63	7.46	7.94	9.01	13848	7	1.17	30.3	12.3	Clear	No Odor
08:55	20	500	mL/min	110.63	7.45	7.94	9.01	13845	7	1.16	30.3	12.9	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:

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:

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):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_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):	115-135	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	109.93	Total Depth (ft-bmp):	133.79	Water Column(ft):	23.86	Liters in Well:	14.74
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	125	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	09:19	Total Volume Purged (liters):	10	Sample ID:	MW-40S-Q225	Sample Time:	09:40
Purge End Time:	09:39	Well Volumes Purged (total):	0.68	Replicate Type / Replicate ID:	Equipment Blank / EB-759-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:19	0	500	mL/min	109.93	7.59	1.35	1.71	2964	22	3.18	31.2	29.6	Clear	No Odor
09:23	4	500	mL/min	109.99	7.65	1.34	1.7	2929	17	3.53	30.6	38.9	Clear	No Odor
09:27	8	500	mL/min	109.99	7.66	1.34	1.7	2925	12	3.44	30.4	40.9	Clear	No Odor
09:31	12	500	mL/min	109.99	7.64	1.34	1.7	2923	9	3.41	30.5	42.2	Clear	No Odor
09:35	16	500	mL/min	109.99	7.64	1.34	1.7	2922	9	3.43	30.5	42.5	Clear	No Odor
09:39	20	500	mL/min	109.99	7.63	1.34	1.7	2922	9	3.4	30.5	43.1	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
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-41D	Date(s):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:99.72 °F, rH:9%, Clouds: 99%, Wind:12.66mph S-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	271-291	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	23.53	Total Depth (ft-bmp):	311	Water Column(ft):	287.47	Liters in Well:	177.59
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	281	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	14:05	Total Volume Purged (liters):	7.5	Sample ID:	MW-41D-Q225	Sample Time:	14:21
Purge End Time:	14:20	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	MS/MSD / MW-41D-Q225 Equipment Blank / EB-753-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:08	0	500	mL/min	23.55	6.86	8.18	9.25	14262	10	2.28	30.2	-60.7	Clear	No Odor
14:11	3	500	mL/min	23.55	6.84	10.62	11.76	18092	7	1.31	30.2	-77.7	Clear	No Odor
14:14	6	500	mL/min	23.55	6.85	10.62	11.76	18079	7	0.99	30.2	-81.2	Clear	No Odor
14:17	9	500	mL/min	23.55	6.88	10.62	11.76	18095	7	0.97	30.2	-87.3	Clear	No Odor
14:20	12	500	mL/min	23.55	6.89	10.63	11.76	18083	7	0.94	30.1	-89.8	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:

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:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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:100.26 °F, rH:13%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	170-190	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	23.71	Total Depth (ft-bmp):	192.2	Water Column(ft):	168.49	Liters in Well:	104.09
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	180	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:28	Total Volume Purged (liters):	7.5	Sample ID:	MW-41M-Q225	Sample Time:	13:44
Purge End Time:	13:43	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:31	0	500	mL/min	23.74	6.87	7.46	8.48	13027	20	0.88	30.3	-84	Clear	No Odor
13:34	3	500	mL/min	23.74	6.89	7.47	8.5	13092	20	0.59	30.1	-89.3	Clear	No Odor
13:37	6	500	mL/min	23.74	6.9	7.44	8.47	13031	18	0.52	30.2	-90.7	Clear	No Odor
13:40	9	500	mL/min	23.74	6.9	7.43	8.45	13029	17	0.49	30.1	-92	Clear	No Odor
13:43	12	500	mL/min	23.74	6.91	7.37	8.39	12918	17	0.48	30	-92.9	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:

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:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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:98.65 °F, rH:13%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	40-60	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	23.7	Total Depth (ft-bmp):	61.38	Water Column(ft):	37.68	Liters in Well:	23.28
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	50	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	12:55	Total Volume Purged (liters):	7.5	Sample ID:	MW-41S-Q225	Sample Time:	13:11
Purge End Time:	13:10	Well Volumes Purged (total):	0.32	Replicate Type / Replicate ID:	Equipment Blank / EB-751-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:58	0	500	mL/min	23.73	6.98	3.86	4.59	7082	52	5.28	29.3	-66	Clear	No Odor
13:01	3	500	mL/min	23.73	6.98	3.85	4.59	7074	37	5.06	29.2	-65.2	Clear	No Odor
13:04	6	500	mL/min	23.73	6.98	3.85	4.58	7071	33	5.15	29.2	-63.8	Clear	No Odor
13:07	9	500	mL/min	23.73	6.98	3.85	4.58	7037	31	5.09	29.3	-63.3	Clear	No Odor
13:10	12	500	mL/min	23.73	6.98	3.85	4.59	7058	31	5.14	29.4	-59.8	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
31	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-42-030	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	9.8-29.8	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.47	Total Depth (ft-bmp):	30.9	Water Column(ft):	21.43	Liters in Well:	13.24
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):		Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	14:39	Total Volume Purged (liters):	10	Sample ID:	MW-42-030-Q225	Sample Time:	15:00
Purge End Time:	14:59	Well Volumes Purged (total):	0.76	Replicate Type / Replicate ID:	Equipment Blank / EB-741-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:39	0	500	mL/min	9.47	9.33	0.56	0.57	1178	9	1	24.85	-264	Clear	No Odor
14:43	4	500	mL/min	9.47	9.27	0.56	0.57	1117	9	1.03	24.47	-293.8	Clear	No Odor
14:47	8	500	mL/min	9.47	9.16	0.56	0.57	1124	9	1.07	24.47	-305.8	Clear	No Odor
14:51	12	500	mL/min	9.47	9.1	0.56	0.57	1124	9	1.1	24.38	-313.3	Clear	No Odor
14:55	16	500	mL/min	9.47	9.07	0.56	0.57	1127	9	1.13	24.4	-313.7	Clear	No Odor
14:59	20	500	mL/min	9.47	9.05	0.56	0.57	1125	9	1.16	24.41	-314.1	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:

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-42-055	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	42.5-52.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.87	Total Depth (ft-bmp):	55.1	Water Column(ft):	45.23	Liters in Well:	27.94
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):		Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	13:51	Total Volume Purged (liters):	10	Sample ID:	MW-42-055-Q225	Sample Time:	14:14
Purge End Time:	14:11	Well Volumes Purged (total):	0.36	Replicate Type / Replicate ID:	Equipment Blank / MW-42-055-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:51	0	500	mL/min	9.87	7.27	1.2	1.15	2514	9	1.59	23.3	50.9	Clear	No Odor
13:55	4	500	mL/min	9.87	7.3	1.2	1.15	2520	9	1.54	23.32	50.3	Clear	No Odor
13:59	8	500	mL/min	9.87	7.35	1.2	1.15	2530	9	1.57	23.35	49.7	Clear	No Odor
14:03	12	500	mL/min	9.87	7.36	1.2	1.15	2601	9	1.54	23.37	49.5	Clear	No Odor
14:07	16	500	mL/min	9.87	7.36	1.2	1.15	2607	9	1.53	23.35	49.3	Clear	No Odor
14:11	20	500	mL/min	9.87	7.36	1.2	1.15	2610	9	1.5	23.33	49	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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


Description:

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-42-065	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	56.2-66.2	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	8.87	Total Depth (ft-bmp):	68.1	Water Column(ft):	59.23	Liters in Well:	36.59
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):		Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	13:26	Total Volume Purged (liters):	10	Sample ID:	MW-42-065-Q225	Sample Time:	13:47
Purge End Time:	13:46	Well Volumes Purged (total):	0.27	Replicate Type / Replicate ID:	Equipment Blank / MW-42-065-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:26	0	500	mL/min	8.87	9.1	6.2	5.43	101110	9	0.98	25.96	-196.7	Clear	No Odor
13:30	4	500	mL/min	8.87	9.11	6.2	5.43	11010	9	0.94	24.24	-220.1	Clear	No Odor
13:34	8	500	mL/min	8.87	9.11	6.13	5.42	11010	9	0.94	24.24	-220.1	Clear	No Odor
13:38	12	500	mL/min	8.87	8.75	5.92	5.26	10680	9	0.89	24.06	-243.6	Clear	No Odor
13:42	16	500	mL/min	8.87	8.79	5.92	5.26	10640	9	0.89	23.95	-244.3	Clear	No Odor
13:46	20	500	mL/min	8.87	8.69	5.92	5.26	10620	9	0.89	23.91	-244.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Is Well in Good Condition?

Well Inspection Comments:


Description:

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-43-025	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_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:82.35 °F, rH:15%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie Tep		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	15-25	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.97	Total Depth (ft-bmp):	26.5	Water Column(ft):	20.53	Liters in Well:	12.68
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	20	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:29	Total Volume Purged (liters):	7.5	Sample ID:	MW-43-025-Q225	Sample Time:	12:45
Purge End Time:	12:44	Well Volumes Purged (total):	0.59	Replicate Type / Replicate ID:	Equipment Blank / EB-701-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:32	0	500	mL/min	6.00	7.23	1.18	1.49	2296	16	0.48	22	-125.8	Clear	No Odor
12:35	3	500	mL/min	6.00	7.23	1.17	1.48	2296	12	0.49	22.1	-129.3	Clear	No Odor
12:38	6	500	mL/min	6.00	7.23	1.17	1.48	2288	10	0.96	22.2	-131.8	Clear	No Odor
12:41	9	500	mL/min	6.00	7.22	1.17	1.48	2286	10	0.98	22.2	-132.5	Clear	No Odor
12:44	12	500	mL/min	6.00	7.22	1.17	1.48	2285	10	1.02	22.2	-133.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments:	None
Well Information:	
Well Labeled Properly:	yes
Is Well in Good Condition?	good
Well Inspection Comments:	

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:

Location ID:	MW-43-075	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_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:81.88 °F, rH:15%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie Tep		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	65-75	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	6.24	Total Depth (ft-bmp):	77.51	Water Column(ft):	71.27	Liters in Well:	44.03
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	70	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:05	Total Volume Purged (liters):	7.5	Sample ID:	MW-43-075-Q225	Sample Time:	12:21
Purge End Time:	12:20	Well Volumes Purged (total):	0.17	Replicate Type / Replicate ID:	Equipment Blank / MW-43-075-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:08	0	500	mL/min	6.27	7.11	6.61	7.53	11578	10	1.07	21.6	-102.9	Clear	No Odor
12:11	3	500	mL/min	6.27	7.12	6.53	7.44	11455	8	0.99	21.6	-107.1	Clear	No Odor
12:14	6	500	mL/min	6.27	7.12	6.51	7.41	11399	8	0.98	21.5	-108.3	Clear	No Odor
12:17	9	500	mL/min	6.27	7.12	6.46	7.36	11337	8	0.97	21.5	-108	Clear	No Odor
12:20	12	500	mL/min	6.27	7.13	6.5	7.4	11338	8	1.03	21.5	-107.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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: _____



Description:

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-43-090	Date(s):	2025-04-07	Work Order(s):	PGE_Topock_2025_Q2_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:77.02 °F, rH:16%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie Tep	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	80-90	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	6.5	Total Depth (ft-bmp):	102.66	Water Column(ft):	96.16	Liters in Well: 59.41
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	85	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	11:38	Total Volume Purged (liters):	7.5	Sample ID:	MW-43-090-Q225	Sample Time: 11:54
Purge End Time:	11:53	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	Equipment Blank / MW-43-090-EB-Q225	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:41	0	500	mL/min	6.52	7.17	9.68	10.71	16451	13	4.43	21.4	-90.5	Clear	No Odor
11:44	3	500	mL/min	6.52	7.13	9.59	10.61	16337	11	4.21	21.4	-58.4	Clear	No Odor
11:47	6	500	mL/min	6.52	7.12	9.52	10.54	16221	11	4.39	21.4	-55.1	Clear	No Odor
11:50	9	500	mL/min	6.52	7.1	9.47	10.49	16122	11	4.18	21.5	-58	Clear	No Odor
11:53	12	500	mL/min	6.52	7.09	9.44	10.46	16092	11	4.2	21.5	-60	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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: _____



Description:

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-44-070	Date(s):	2025-05-09	Work Order(s):	PGE_Topock_2025_Q2_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:78.57 °F, rH:44%, Clouds: 0%, Wind:0mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	61-71	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	15.92	Total Depth (ft-bmp):	72.3	Water Column(ft):	56.38	Liters in Well:	34.83
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	66	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	07:55	Total Volume Purged (liters):	7.5	Sample ID:	MW-44-070-Q225	Sample Time:	08:11
Purge End Time:	08:10	Well Volumes Purged (total):	0.22	Replicate Type / Replicate ID:	Equipment Blank / MW-44-070-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:58	0	500	mL/min	15.95	7	3.08	3.68	5675	23	0.2	21.8	-131.5	Clear	No Odor
08:01	3	500	mL/min	15.95	6.99	3.09	3.7	5698	4	0.16	21.8	-132.1	Clear	No Odor
08:04	6	500	mL/min	15.95	6.99	3.09	3.69	5686	4	0.15	21.9	-132.2	Clear	No Odor
08:07	9	500	mL/min	15.95	6.98	3.08	3.69	5677	4	0.14	21.9	-132	Clear	No Odor
08:10	12	500	mL/min	15.95	6.98	3.06	3.67	5658	4	0.14	22	-132.1	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Comments: EB-717-Q225 @ 0821

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:



Description:

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-44-115

Date(s):

2025-05-09

Work Order(s):

PGE_Topock_2025_Q2_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:74.97 °F, rH:49%, Clouds: 0%, Wind:3.44mph S

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

105-113

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

16.6

Total Depth (ft-bmp):

114.4

Water Column(ft):

97.8

Liters in Well:

60.42

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

109

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

07:00

Total Volume Purged (liters):

7.5

Sample ID:

MW-44-115-Q225

Sample Time:

07:16

Purge End Time:

07:15

Well Volumes Purged (total):

0.12

Replicate Type / Replicate ID:

Duplicate / MW-914-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:03	0	500	mL/min	16.62	7.12	8.69	9.69	14909	19	0.47	21.2	-22.2	Clear	No Odor
07:06	3	500	mL/min	16.62	7.1	8.7	9.7	14917	11	0.27	21.2	-3.4	Clear	No Odor
07:09	6	500	mL/min	16.62	7.08	8.71	9.71	14936	11	0.2	21.3	2.5	Clear	No Odor
07:12	9	500	mL/min	16.62	7.04	8.73	9.73	14961	11	0.17	21.3	5.1	Clear	No Odor
07:15	12	500	mL/min	16.62	7.02	8.75	9.75	14995	11	0.15	21.4	6.2	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)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

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:



Description:

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-44-115	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:94.95 °F, rH:13%, Clouds: 0%, Wind:8.05mph S			Field Technician:	Riggie T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	105-113	Casing Diameter (in):	2	Well Casing Material: PVC
Static Water Level (ft-bmp):	16.5	Total Depth (ft-bmp):	114.37	Water Column(ft):	97.87	Liters in Well: 60.46
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	108	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	09:06	Total Volume Purged (liters):	7.5	Sample ID:	MW-44-115-0625	Sample Time: 09:22
Purge End Time:	09:21	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:09	0	500	mL/min	16.53	7.14	8.53	9.58	14747	8	0.31	27.4	-15.3	Clear	No Odor
09:12	3	500	mL/min	16.53	7.13	8.49	9.54	14677	4	0.18	27.3	-5.3	Clear	No Odor
09:15	6	500	mL/min	16.53	7.13	8.49	9.53	14671	4	0.15	27.8	-2.8	Clear	No Odor
09:18	9	500	mL/min	16.53	7.07	8.51	9.56	14685	4	0.12	27.9	-1.5	Clear	No Odor
09:21	12	500	mL/min	16.53	7.08	8.51	9.55	14698	4	0.11	27.6	-0.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

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:

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:

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-44-125	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:97.72 °F, rH:12%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	116-125	Casing Diameter (in):	2	Well Casing Material:	PVC
Static Water Level (ft-bmp):	16.18	Total Depth (ft-bmp):	128.57	Water Column(ft):	112.39	Liters in Well:	69.43
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	121	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:27	Total Volume Purged (liters):	7.5	Sample ID:	MW-44-125-0625	Sample Time:	09:43
Purge End Time:	09:42	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:30	0	500	mL/min	16.20	7.05	4.49	5.29	8344	8	0.17	28.1	-126.2	Clear	No Odor
09:33	3	500	mL/min	16.20	7.05	5.87	6.78	10426	7	0.14	28.1	-127.7	Clear	No Odor
09:36	6	500	mL/min	16.20	7.07	6.24	7.18	11032	7	0.13	28	-125.8	Clear	No Odor
09:39	9	500	mL/min	16.20	7.08	6.26	7.2	11055	7	0.12	28	-124.4	Clear	No Odor
09:42	12	500	mL/min	16.20	7.1	6.27	7.21	11074	7	0.08	28	-123.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-44-125	Date(s):	2025-05-09	Work Order(s):	PGE_Topock_2025_Q2_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:78.57 °F, rH:44%, Clouds: 0%, Wind:0mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	116-125	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	16.31	Total Depth (ft-bmp):	128.6	Water Column(ft):	112.29	Liters in Well:	69.37
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	122	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	07:31	Total Volume Purged (liters):	7.5	Sample ID:	MW-44-125-Q225	Sample Time:	07:47
Purge End Time:	07:46	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:34	0	500	mL/min	16.33	7.02	5.89	6.77	10299	10	0.31	21.8	-114.7	Clear	No Odor
07:37	3	500	mL/min	16.33	7.01	5.81	6.67	10251	10	0.2	21.8	-148.6	Clear	No Odor
07:40	6	500	mL/min	16.33	7	5.79	6.65	10216	6	0.16	21.9	-145.6	Clear	No Odor
07:43	9	500	mL/min	16.33	7	5.85	6.71	10356	6	0.14	22	-144.1	Clear	No Odor
07:46	12	500	mL/min	16.33	7	5.88	6.75	10375	6	0.13	22	-143.1	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:

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-45-095a

Date(s): 2025-05-22

Work Order(s): PGE_Topock_2025_Q2_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): 83-93

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp): 15.47

Total Depth (ft-bmp): 94

Water Column(ft): 78.53

Liters in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 92

Purge Method: Low Flow

Purging Equipment: Peristaltic Pump

Purge Start Time: 10:29

Total Volume Purged (liters): 10

Sample ID: MW-45-095a-Q225

Sample Time: 10:50

Purge End Time: 10:49

Well Volumes Purged (total):

Replicate Type / Replicate ID: N/A

Water Quality Meter/ ID: Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:29	0	500	mL/min	15.47	8.7	2.87	2.66	5259	10	0.87	25.77	-162.8	Clear	No Odor
10:33	4	500	mL/min	15.47	8.64	3	2.78	5498	9	0.83	25.77	-175.8	Clear	No Odor
10:37	8	500	mL/min	15.47	8.61	3.12	2.87	5680	9	0.79	25.77	-183.8	Clear	No Odor
10:41	12	500	mL/min	15.47	8.61	3.12	3	5906	9	0.75	25.75	-188.9	Clear	No Odor
10:45	16	500	mL/min	15.47	8.6	3.12	3	5910	9	0.74	25.73	-189.1	Clear	No Odor
10:49	20	500	mL/min	15.47	8.59	3.12	3	5920	9	0.73	25.78	-189.5	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:

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-46-175	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:93.78 °F, rH:15%, Clouds: 0%, Wind:8.05mph S			Field Technician:	Riggie T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	165-175	Casing Diameter (in):	2	Well Casing Material: PVC
Static Water Level (ft-bmp):	26.99	Total Depth (ft-bmp):	176.1	Water Column(ft):	149.11	Liters in Well: 92.12
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	170	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	08:30	Total Volume Purged (liters):	7.5	Sample ID:	MW-46-175-0625	Sample Time: 08:46
Purge End Time:	08:45	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:33	0	500	mL/min	27.02	7.22	11.02	12.14	18710	14	3.83	27.8	-4.4	Clear	No Odor
08:36	3	500	mL/min	27.02	7.21	11.01	12.12	18651	10	3.37	27.9	-2.5	Clear	No Odor
08:39	6	500	mL/min	27.02	7.2	11.02	12.13	18653	9	3.33	27.8	-1.6	Clear	No Odor
08:42	9	500	mL/min	27.02	7.19	11.01	12.12	18632	9	3.29	27.9	-0.7	Clear	No Odor
08:45	12	500	mL/min	27.02	7.2	11	12.11	18612	9	3.23	28	0.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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

Well Inspection Comments:

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:

Location ID:	MW-46-175	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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:72.77 °F, rH:60%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	165-175	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.26	Total Depth (ft-bmp):	176.01	Water Column(ft):	148.75	Liters in Well:	91.89
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	170	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:12	Total Volume Purged (liters):	7.5	Sample ID:	MW-46-175-Q225	Sample Time:	08:28
Purge End Time:	08:27	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:15	0	500	mL/min	27.28	7.03	11.05	12.11	18622	9	0.46	23.4	29.7	Clear	No Odor
08:18	3	500	mL/min	27.28	7.07	11.05	12.11	18620	7	0.28	23.3	27	Clear	No Odor
08:21	6	500	mL/min	27.28	7.08	11.04	12.1	18613	7	0.22	23.4	26.9	Clear	No Odor
08:24	9	500	mL/min	27.28	7.09	11.04	12.1	18611	7	0.19	23.5	27.3	Clear	No Odor
08:27	12	500	mL/min	27.28	7.08	11.04	12.1	18612	7	0.17	23.5	27.6	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:

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-46-205

Date(s):

2025-05-14

Work Order(s):

PGE_Topock_2025_Q2_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):

196.5-206.5

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

27.29

Total Depth (ft-bmp):

218.7

Water Column(ft):

191.41

Liters in Well:

118.25

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

201

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

13:09

Total Volume Purged (liters):

10

Sample ID:

MW-46-205-Q225

Sample Time:

13:30

Purge End Time:

13:29

Well Volumes Purged (total):

0.08

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:09	0	500	mL/min	27.29	7.92	12.37	13.55	20991	8	2.31	27.6	33.9	Clear	No Odor
13:13	4	500	mL/min	27.33	7.89	12.37	13.55	20956	6	2.01	27.9	21.9	Clear	No Odor
13:17	8	500	mL/min	27.33	7.85	12.37	13.55	20941	5	1.88	27.9	15.2	Clear	No Odor
13:21	12	500	mL/min	27.33	7.84	12.37	13.55	20938	5	1.82	27.8	13.6	Clear	No Odor
13:25	16	500	mL/min	27.33	7.84	12.37	13.55	20934	5	1.77	27.8	13.1	Clear	No Odor
13:29	20	500	mL/min	27.33	7.83	12.37	13.55	20931	5	1.76	27.9	11.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:

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):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	45-55	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.81	Total Depth (ft-bmp):	56.4	Water Column(ft):	28.59	Liters in Well:	17.66
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	50	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:20	Total Volume Purged (liters):	4.5	Sample ID:	MW-47-055-Q225	Sample Time:	13:36
Purge End Time:	13:36	Well Volumes Purged (total):	0.25	Replicate Type / Replicate ID:	Equipment Blank / EB-740-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:20	0	300	mL/min	27.81	7.69	3.23	3.926	7040	10	2.52	32.7	109.7	Clear	No Odor
13:23	3	300	mL/min	27.81	7.69	2.9	3.542	6232	5	1.79	32.6	109.6	Clear	No Odor
13:26	6	300	mL/min	27.81	7.69	2.88	3.516	6236	5	1.73	32.6	110.4	Clear	No Odor
13:29	9	300	mL/min	27.83	7.71	2.86	3.497	6181	5	1.7	32.8	111	Clear	No Odor
13:32	12	300	mL/min	27.85	7.73	2.84	3.495	6185	5	1.72	32.7	111.5	Clear	No Odor
13:35	15	300	mL/min	27.85	7.74	2.84	3.493	6188	5	1.74	32.5	111.2	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)	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:

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:



Description:

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):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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):

105-115

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

28.25

Total Depth (ft-bmp):

115.52

Water Column(ft):

87.27

Liters in Well:

53.91

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

110

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

12:51

Total Volume Purged (liters):

4.5

Sample ID:

MW-47-115-Q225

Sample Time:

13:07

Purge End Time:

13:06

Well Volumes Purged (total):

0.08

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:51	0	300	mL/min	28.25	7.58	8.69	10.13	19225	15	2.49	36	98.6	Clear	No Odor
12:54	3	300	mL/min	28.25	7.6	8.69	9.717	17101	15	0.85	32.6	95.9	Clear	No Odor
12:57	6	300	mL/min	28.26	7.54	8.63	9.743	17035	15	0.67	32.2	97.3	Clear	No Odor
13:00	9	300	mL/min	28.26	7.6	8.6	9.711	16850	15	0.4	31.7	101.7	Clear	No Odor
13:03	12	300	mL/min	28.27	7.62	8.6	9.714	16853	15	0.42	31.7	101.5	Clear	No Odor
13:06	15	300	mL/min	28.27	7.61	8.61	9.712	16855	15	0.44	31.7	101.9	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
15	1	1

Comments: None

Well Information:

Well Labeled Properly:

yes

Is Well in Good Condition?

good

Well Inspection Comments:

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:



Description:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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):	124-134	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	32.5	Total Depth (ft-bmp):	126.47	Water Column(ft):	93.97	Liters in Well:	58.05
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	120	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:59	Total Volume Purged (liters):	4.5	Sample ID:	MW-48-Q225	Sample Time:	13:15
Purge End Time:	13:14	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	MS/MSD / MW-48-Q225 Equipment Blank / EB-754-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:59	0	300	mL/min	32.50	7.86	11.84	13.09	25061	16	1.98	38.3	69.4	Clear	No Odor
13:02	3	300	mL/min	32.50	7.55	12.15	13.35	23664	15	0.57	33	65.4	Clear	No Odor
13:05	6	300	mL/min	32.50	7.51	12.1	13.3	22470	15	0.51	32.6	65.9	Clear	No Odor
13:08	9	300	mL/min	32.53	7.49	12.08	13.27	23551	13	0.53	33.1	67.1	Clear	No Odor
13:11	12	300	mL/min	32.54	7.51	12.04	13.25	23554	13	0.55	33.3	67.4	Clear	No Odor
13:14	15	300	mL/min	32.54	7.53	12.05	13.25	23558	13	0.557	33.4	67.9	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
13	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

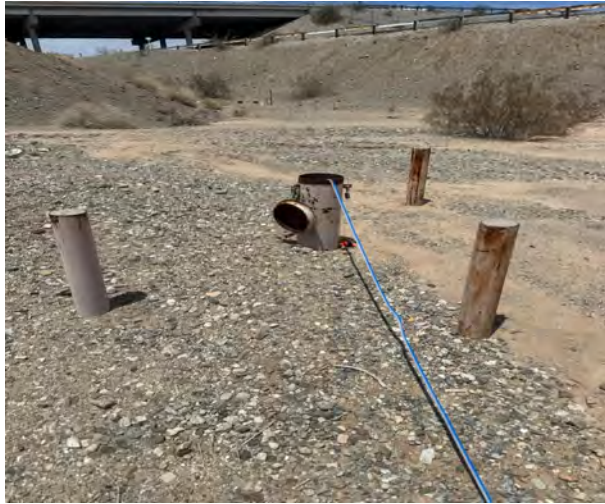
ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

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:



Description:



Description:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	125-135	Casing Diameter (in):	1.5	Well Casing Material:	
Static Water Level (ft-bmp):	28.51	Total Depth (ft-bmp):	136.32	Water Column(ft):	107.81	Liters in Well:	37.46
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	130	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:59	Total Volume Purged (liters):	10	Sample ID:	MW-49-135-Q225	Sample Time:	11:20
Purge End Time:	11:19	Well Volumes Purged (total):	0.27	Replicate Type / Replicate ID:	Equipment Blank / MW-49-135-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:59	0	500	mL/min	28.51	7.96	7.96	8.99	13837	19	0.96	28.1	42.8	Clear	No Odor
11:03	4	500	mL/min	28.55	7.94	7.96	8.99	13844	15	0.91	28.5	35.9	Clear	No Odor
11:07	8	500	mL/min	28.55	7.91	7.96	8.99	13849	11	0.88	28.6	35.1	Clear	No Odor
11:11	12	500	mL/min	28.55	7.92	7.96	8.99	13852	8	0.84	28.6	32.6	Clear	No Odor
11:15	16	500	mL/min	28.55	7.92	7.96	8.99	13853	8	0.81	28.6	32.1	Clear	No Odor
11:19	20	500	mL/min	28.55	7.93	7.96	8.99	13854	8	0.8	28.6	31.6	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
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	255-275	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	29.24	Total Depth (ft-bmp):	274.7	Water Column(ft):	245.46	Liters in Well:	151.64
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	265	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	10:13	Total Volume Purged (liters):	10	Sample ID:	MW-49-275-Q225	Sample Time:	10:34
Purge End Time:	10:33	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Equipment Blank / MW-49-275-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:13	0	500	mL/min	29.24	7.85	13.71	14.81	22792	9	1.52	27.2	55.6	Clear	No Odor
10:17	4	500	mL/min	29.30	7.83	13.71	14.81	22787	6	1.44	27.5	50.9	Clear	No Odor
10:21	8	500	mL/min	29.30	7.87	13.71	14.81	22779	5	1.42	27.5	48.6	Clear	No Odor
10:25	12	500	mL/min	29.30	7.86	13.71	14.81	22775	4	1.38	27.5	48.2	Clear	No Odor
10:29	16	500	mL/min	29.30	7.86	13.71	14.81	22774	4	1.35	27.5	48.1	Clear	No Odor
10:33	20	500	mL/min	29.30	7.85	13.71	14.81	22771	4	1.34	27.6	46.9	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
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	346-366	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	30.72	Total Depth (ft-bmp):	367.35	Water Column(ft):	336.63	Liters in Well:	207.96
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	356	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	08:59	Total Volume Purged (liters):	10	Sample ID:	MW-49-365-Q225	Sample Time:	09:30
Purge End Time:	09:29	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	Equipment Blank / MW-49-365-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:59	0	500	mL/min	30.72	7.81	22.11	22.89	35230	11	1.56	28.2	45.6	Clear	No Odor
09:03	4	500	mL/min	30.81	7.85	22.11	22.89	35239	6	1.44	28.6	41.3	Clear	No Odor
09:07	8	500	mL/min	30.81	7.86	22.12	22.9	35259	5	1.41	28.6	38.9	Clear	No Odor
09:11	12	500	mL/min	30.81	7.86	22.12	22.9	35264	4	1.38	28.6	38.5	Clear	No Odor
09:15	16	500	mL/min	30.81	7.87	22.12	22.9	35266	4	1.34	28.6	37.1	Clear	No Odor
09:19	20	500	mL/min	30.81	7.87	22.12	22.9	35268	4	1.33	28.6	36.9	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
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-50-095	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	85-95	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	40.4	Total Depth (ft-bmp):	96.4	Water Column(ft):	56	Liters in Well:	34.6
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	92	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:29	Total Volume Purged (liters):	4.5	Sample ID:	MW-50-095-Q225	Sample Time:	10:45
Purge End Time:	10:44	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:29	0	300	mL/min	40.40	7.86	3.11	3.763	6380	19	1.03	29.9	102.3	Clear	No Odor
10:32	3	300	mL/min	40.41	7.77	2.97	3.601	6040	19	0.7	29.7	101.6	Clear	No Odor
10:35	6	300	mL/min	40.41	7.73	2.97	3.601	6044	19	0.66	29.8	102	Clear	No Odor
10:38	9	300	mL/min	40.43	7.72	2.99	3.62	6075	17	0.67	29.6	102.4	Clear	No Odor
10:41	12	300	mL/min	40.45	7.71	2.95	3.63	6073	17	0.65	29.2	102.1	Clear	No Odor
10:44	15	300	mL/min	40.45	7.72	2.92	3.63	6071	17	0.67	29.1	102.5	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)	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:

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:



Description:

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):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	190-200	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	40.7	Total Depth (ft-bmp):	203.57	Water Column(ft):	162.87	Liters in Well:	100.62
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	195	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:55	Total Volume Purged (liters):	4.5	Sample ID:	MW-50-200-Q225	Sample Time:	10:11
Purge End Time:	10:10	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	Duplicate / MW-915-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:55	0	300	mL/min	40.70	7.85	8.44	9.581	17280	13	2.19	34.4	107.2	Clear	No Odor
09:58	3	300	mL/min	40.72	7.7	8.58	9.711	17413	13	0.9	33.7	104.4	Clear	No Odor
10:01	6	300	mL/min	40.72	7.66	8.59	9.724	17417	13	0.6	33.6	102.3	Clear	No Odor
10:04	9	300	mL/min	40.73	7.77	8.58	9.717	17528	13	0.46	34	99.5	Clear	No Odor
10:07	12	300	mL/min	40.73	7.75	8.54	9.715	17524	13	0.49	34	99.1	Clear	No Odor
10:10	15	300	mL/min	40.74	7.75	8.54	9.712	17522	13	0.49	34	99.5	Clear	No Odor

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

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:

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:



Description:

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-51	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	97-112	Casing Diameter (in):	4	Well Casing Material:
Static Water Level (ft-bmp):	44.9	Total Depth (ft-bmp):	113.05	Water Column(ft):	68.15	Liters in Well: 168.41
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	110	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	11:02	Total Volume Purged (liters):	4.5	Sample ID:	MW-51-0625	Sample Time: 11:18
Purge End Time:	11:17	Well Volumes Purged (total):	0.03	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:02	0	300	mL/min	44.80	7.04	1.54	2.008	4019	16	2.06	36.4	96.6	Clear	No Odor
11:05	3	300	mL/min	44.80	6.85	4.28	5.024	8826	13	0.64	33.8	88.7	Clear	No Odor
11:08	6	300	mL/min	44.80	7	4.75	5.629	10142	13	0.5	34.2	86.1	Clear	No Odor
11:11	9	300	mL/min	44.82	7	4.84	5.72	10331	13	0.45	34.3	85.1	Clear	No Odor
11:14	12	300	mL/min	44.82	7.02	4.82	5.72	10333	12	0.43	34.1	85.3	Clear	No Odor
11:17	15	300	mL/min	44.83	7.03	4.82	5.722	10335	12	0.41	34.2	85.6	Clear	No Odor

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

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



Description:



Description:

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-51	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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):	97-112	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	44.95	Total Depth (ft-bmp):	113.02	Water Column(ft):	68.07	Liters in Well:	168.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	110	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:40	Total Volume Purged (liters):	4.5	Sample ID:	MW-51-Q225	Sample Time:	11:56
Purge End Time:	11:55	Well Volumes Purged (total):	0.03	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:40	0	300	mL/min	44.95	7.58	1.17	1.501	2543	16	2.07	30.4	117.3	Clear	No Odor
11:43	3	300	mL/min	44.95	6.97	3.63	4.257	6278	16	0.9	29	104.8	Clear	No Odor
11:46	6	300	mL/min	44.95	7.14	5.07	5.928	6928	16	0.48	28.7	80.6	Clear	No Odor
11:49	9	300	mL/min	44.96	7.17	5.18	6.039	6051	16	0.43	29	74.7	Clear	No Odor
11:52	12	300	mL/min	44.96	7.17	5.2	6.037	6052	16	0.41	29	74.2	Clear	No Odor
11:55	15	300	mL/min	44.96	7.15	5.21	6.035	6055	16	0.43	29	74.4	Clear	No Odor

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

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

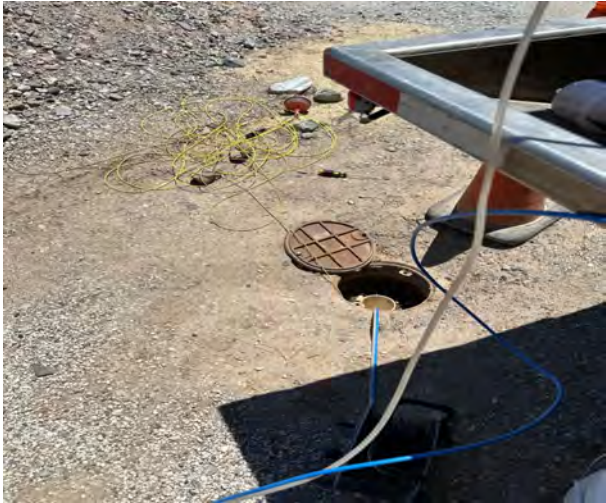
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:



Description:



Description:

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-52D	Date(s):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	85-87	Casing Diameter (in):	0.75	Well Casing Material:	
Static Water Level (ft-bmp):	16.02	Total Depth (ft-bmp):	89.55	Water Column(ft):	73.53	Liters in Well:	6.39
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	82	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:04	Total Volume Purged (liters):	4.5	Sample ID:	MW-52D-Q225	Sample Time:	11:20
Purge End Time:	11:19	Well Volumes Purged (total):	0.70	Replicate Type / Replicate ID:	Equipment Blank / MW-52D-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:04	0	300	mL/min	16.02	7.22	14.24	16.28	22537	8	0.43	22.9	3.7	Clear	No Odor
11:07	3	300	mL/min	16.04	6.55	14.3	15.34	22798	8	2.18	23.2	-12.4	Clear	No Odor
11:10	6	300	mL/min	16.04	6.5	14.3	15.34	22954	8	1.59	23.6	-23.6	Clear	No Odor
11:13	9	300	mL/min	16.04	6.44	14.28	15.33	23104	8	1.09	23.6	-25	Clear	No Odor
11:16	12	300	mL/min	16.04	6.46	14.28	15.33	23102	8	1.07	23.6	-25.6	Clear	No Odor
11:19	15	300	mL/min	16.04	6.48	14.28	15.31	23104	8	1.05	23.6	-25.1	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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

Location ID:	MW-52M	Date(s):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	66-68	Casing Diameter (in):	0.75	Well Casing Material:	
Static Water Level (ft-bmp):	11.53	Total Depth (ft-bmp):	70.55	Water Column(ft):	59.02	Liters in Well:	5.13
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:06	Total Volume Purged (liters):	4.5	Sample ID:	MW-52M-Q225	Sample Time:	10:22
Purge End Time:	10:21	Well Volumes Purged (total):	0.88	Replicate Type / Replicate ID:	Equipment Blank / MW-52M-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:06	0	300	mL/min	11.53	4.82	10.79	11.84	16788	10	4.21	20.9	-27.7	Clear	No Odor
10:09	3	300	mL/min	11.53	5.05	10.8	11.83	16771	10	3.14	20.9	-31.3	Clear	No Odor
10:12	6	300	mL/min	11.53	5.91	10.93	11.97	17115	8	2.01	21.3	-13.1	Clear	No Odor
10:15	9	300	mL/min	11.55	6.34	10.93	11.97	17125	8	1.57	21.3	10.8	Clear	No Odor
10:18	12	300	mL/min	11.56	6.32	10.93	11.96	17122	8	1.55	21.3	11.4	Clear	No Odor
10:21	15	300	mL/min	11.56	6.32	10.93	11.96	17123	8	1.53	21.2	11.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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

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 Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:



Description:



Description:

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-52S	Date(s):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	47-49	Casing Diameter (in):	0.75	Well Casing Material:	
Static Water Level (ft-bmp):	9.82	Total Depth (ft-bmp):	51.56	Water Column(ft):	41.74	Liters in Well:	3.63
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	46	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:35	Total Volume Purged (liters):	4.5	Sample ID:	MW-52S-Q225	Sample Time:	10:51
Purge End Time:	10:50	Well Volumes Purged (total):	1.24	Replicate Type / Replicate ID:	Equipment Blank / MW-52S-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:35	0	300	mL/min	9.82	6.14	11.82	12.87	18567	16	1.17	21.8	43.5	Clear	No Odor
10:38	3	300	mL/min	9.82	6.34	11.73	12.78	18617	16	0.82	21.9	29.4	Clear	No Odor
10:41	6	300	mL/min	9.82	6.45	11.18	12.23	17770	16	0.96	22	29.3	Clear	No Odor
10:44	9	300	mL/min	9.84	6.47	10.64	11.73	17074	12	0.9	22	30.6	Clear	No Odor
10:47	12	300	mL/min	9.84	6.49	10.64	11.75	17072	12	0.92	22	30.2	Clear	No Odor
10:50	15	300	mL/min	9.84	6.49	10.64	11.72	17070	12	0.91	22	30.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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

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 Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:



Description:



Description:

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-53D	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_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:89.47 °F, rH:17%, Clouds: 0%, Wind:3.44mph E-NE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	123.5-125	Casing Diameter (in):	0.75	Well Casing Material:	
Static Water Level (ft-bmp):	13.89	Total Depth (ft-bmp):	125	Water Column(ft):	111.11	Liters in Well:	9.65
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	124	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	11:29	Total Volume Purged (liters):	3.9	Sample ID:	MW-53D-Q225	Sample Time:	11:45
Purge End Time:	11:44	Well Volumes Purged (total):	0.40	Replicate Type / Replicate ID:	Equipment Blank / MW-53D-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:32	0	500	mL/min	14.02	7.28	13.56	14.62	22499	17	0.33	24.3	-100.9	Clear	No Odor
11:35	3	200	mL/min	14.04	7.27	13.59	14.66	22557	10	0.13	24.5	-95.4	Clear	No Odor
11:38	6	200	mL/min	14.04	7.27	13.6	14.66	22553	4	0.12	24.5	-90.7	Clear	No Odor
11:41	9	200	mL/min	14.04	7.27	13.57	14.64	22520	4	0.1	24.8	-85.8	Clear	No Odor
11:44	12	200	mL/min	14.04	7.27	13.56	14.63	22511	4	0.09	24.8	-86.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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

Comments: EB-707-Q225 sample time @ 1155.

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:



Description:

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-53M	Date(s):	2025-04-10	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	98.5-100	Casing Diameter (in):	0.75	Well Casing Material:	
Static Water Level (ft-bmp):	13.22	Total Depth (ft-bmp):	100	Water Column(ft):	86.78	Liters in Well:	7.54
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	99	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:56	Total Volume Purged (liters):	2.7	Sample ID:	MW-53M-Q225	Sample Time:	11:12
Purge End Time:	11:11	Well Volumes Purged (total):	0.36	Replicate Type / Replicate ID:	Duplicate / MW-916-Q225 Equipment Blank / MW-53M-EB-Q225		Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:59	0	500	mL/min	13.97	7.29	10.38	11.42	17556	37	0.33	21.7	-45.3	Clear	No Odor
11:02	3	100	mL/min	14.03	7.27	10.44	11.47	17653	33	0.2	21.5	-47.2	Clear	No Odor
11:05	6	100	mL/min	14.03	7.27	10.44	11.47	17650	30	0.15	21.4	-41.2	Clear	No Odor
11:08	9	100	mL/min	14.03	7.27	10.44	11.47	17648	30	0.15	21.4	-41.9	Clear	No Odor
11:11	12	100	mL/min	14.03	7.3	10.43	11.47	17649	29	0.11	21.5	-42.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

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



Description:

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-53S

Date(s):

2025-04-10

Work Order(s):

PGE_Topock_2025_Q2_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 T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

28.5-30

Casing Diameter (in):

0.75

Well Casing Material:

Static Water Level (ft-bmp):

13.11

Total Depth (ft-bmp):

30

Water Column(ft):

16.89

Liters in Well:

1.47

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

29

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

10:27

Total Volume Purged (liters):

2.7

Sample ID:

MW-53S-Q225

Sample Time:

10:43

Purge End Time:

10:42

Well Volumes Purged (total):

1.84

Replicate Type / Replicate ID:

Equipment Blank / MW-53S-EB-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:30	0	500	mL/min	14.22	7.33	0.77	0.99	1536	20	0.29	21.3	-115.5	Clear	No Odor
10:33	3	100	mL/min	14.27	7.33	0.77	0.99	1523	10	0.22	20.9	-123.9	Clear	No Odor
10:36	6	100	mL/min	14.27	7.34	0.8	1.03	1582	8	0.23	20.8	-128.6	Clear	No Odor
10:39	9	100	mL/min	14.27	7.31	0.8	1.03	1589	8	0.18	20.7	-131.1	Clear	No Odor
10:42	12	100	mL/min	14.27	7.3	0.81	1.03	1590	8	0.16	20.7	-131.4	Clear	No Odor

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

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



Description:

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-54-085	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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:86.76 °F, rH:17%, Clouds: 0%, Wind:3.44mph N-NE			Field Technician:	Riggie T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	77-87	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	9.69	Total Depth (ft-bmp):	86.08	Water Column(ft):	76.39	Liters in Well: 47.19
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	82	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	10:50	Total Volume Purged (liters):	7.5	Sample ID:	MW-54-085-Q225	Sample Time: 11:06
Purge End Time:	11:05	Well Volumes Purged (total):	0.16	Replicate Type / Replicate ID:	Equipment Blank / MW-54-085-EB-Q225	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:53	0	500	mL/min	9.70	7.29	3.63	4.34	6665	10	6.02	29.9	-41.6	Clear	No Odor
10:56	3	500	mL/min	9.70	7.3	3.63	4.34	6683	8	5.96	29.9	-31.6	Clear	No Odor
10:59	6	500	mL/min	9.70	7.29	3.62	4.33	6669	7	6.05	29.8	-25.4	Clear	No Odor
11:02	9	500	mL/min	9.70	7.28	3.61	4.32	6651	7	6.06	29.8	-23	Clear	No Odor
11:05	12	500	mL/min	9.70	7.27	3.61	4.31	6642	7	6.04	29.8	-17.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 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: EB-735-Q225 @ 1116

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-54-140	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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:			James San		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	128-138	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.81	Total Depth (ft-bmp):	135.8	Water Column(ft):	125.99	Liters in Well:	77.83
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	132	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	11:12	Total Volume Purged (liters):	10	Sample ID:	MW-54-140-Q225	Sample Time:	11:33
Purge End Time:	11:32	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	Equipment Blank / MW-54-140-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,Hanna HI 98129 /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:12	0	500	mL/min	9.81	7.76	7.91	6.89	13790	9	0.1	29.81	-410.8	Clear	No Odor
11:16	4	500	mL/min	9.81	7.94	7.95	6.92	13840	9	0.14	28.81	-261.3	Clear	No Odor
11:20	8	500	mL/min	9.81	7.95	7.94	6.91	13830	9	0.15	28.79	-261.3	Clear	No Odor
11:24	12	500	mL/min	9.81	7.95	7.94	6.91	13820	9	0.2	28.8	-192.8	Clear	No Odor
11:28	16	500	mL/min	9.81	7.94	7.94	6.91	13830	9	0.24	28.8	-192.4	Clear	No Odor
11:32	20	500	mL/min	9.81	7.94	7.94	6.91	13840	9	0.24	28.8	-191.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 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

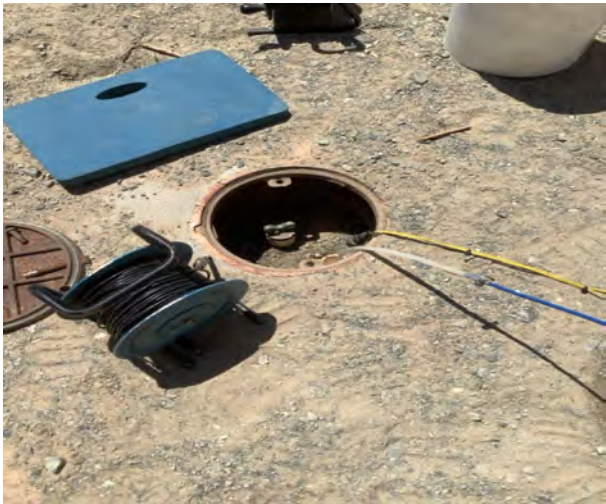
Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-54-195	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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:85.03 °F, rH:16%, Clouds: 0%, Wind:2.33mph S-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	185-195	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.64	Total Depth (ft-bmp):	192	Water Column(ft):	182.36	Liters in Well:	112.66
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	190	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:28	Total Volume Purged (liters):	7.5	Sample ID:	MW-54-195-Q225	Sample Time:	10:25
Purge End Time:	10:43	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Equipment Blank / MW-54-195-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:31	0	500	mL/min	9.66	7.31	10.88	12	18443	5	1.49	28.5	-195.2	Clear	No Odor
10:34	3	500	mL/min	9.66	7.28	10.89	12.01	18476	3	1.47	28.5	-174.1	Clear	No Odor
10:37	6	500	mL/min	9.66	7.27	10.89	12.01	18481	3	1.63	28.4	-170.9	Clear	No Odor
10:40	9	500	mL/min	9.66	7.27	10.92	12.04	18525	3	1.62	28.4	-168.2	Clear	No Odor
10:43	12	500	mL/min	9.66	7.27	10.93	12.04	18524	3	1.58	28.4	-162.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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):	37-47	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.22	Total Depth (ft-bmp):	49.18	Water Column(ft):	39.96	Liters in Well:	24.69
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	45	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:28	Total Volume Purged (liters):	4.5	Sample ID:	MW-55-045-Q225	Sample Time:	08:44
Purge End Time:	08:43	Well Volumes Purged (total):	0.18	Replicate Type / Replicate ID:	Equipment Blank / MW-55-045-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:28	0	300	mL/min	9.22	7.69	0.84	1.079	1617	13	2.76	24	102.8	Clear	No Odor
08:31	3	300	mL/min	9.22	7.85	0.78	1.007	1526	11	1.82	24	96.9	Clear	No Odor
08:34	6	300	mL/min	9.24	7.84	0.74	0.955	1461	11	1.22	24.5	91.6	Clear	No Odor
08:37	9	300	mL/min	9.24	7.84	0.73	0.949	1449	11	1.09	24.4	90.1	Clear	No Odor
08:40	12	300	mL/min	9.25	7.82	0.73	0.945	1452	11	1.03	24.2	90.1	Clear	No Odor
08:43	15	300	mL/min	9.25	7.84	0.72	0.943	1455	11	1.01	24.2	90.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

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

Well Inspection Comments:

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:



Description:

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):

2025-05-15

Work Order(s):

PGE_Topock_2025_Q2_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):

108-118

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

9.26

Total Depth (ft-bmp):

120.56

Water Column(ft):

111.3

Liters in Well:

68.76

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

115

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

08:51

Total Volume Purged (liters):

4.5

Sample ID:

MW-55-120-Q225

Sample Time:

09:07

Purge End Time:

09:06

Well Volumes Purged (total):

0.07

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:51	0	300	mL/min	9.26	8.11	3.27	3.874	5777	16	1.52	23.6	94.5	Clear	No Odor
08:54	3	300	mL/min	9.26	8.17	3.41	4.062	6233	14	1.08	25	93.4	Clear	No Odor
08:57	6	300	mL/min	9.28	8.18	3.56	4.231	6529	14	0.87	25.1	93	Clear	No Odor
09:00	9	300	mL/min	9.28	8.19	3.56	4.238	6542	12	0.8	25.2	92.7	Clear	No Odor
09:03	12	300	mL/min	9.28	8.17	3.59	4.235	6545	12	0.82	25.1	93.4	Clear	No Odor
09:06	15	300	mL/min	9.28	8.17	3.55	4.233	6543	12	0.83	25.1	93.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 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:

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:



Description:

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):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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:71.94 °F, rH:26%, Clouds: 0%, Wind:5.64mph NW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	103.5-105.5	Casing Diameter (in):	0.75	Well Casing Material:	
Static Water Level (ft-bmp):	8.51	Total Depth (ft-bmp):	105.5	Water Column(ft):	96.99	Liters in Well:	8.43
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	104.5	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:56	Total Volume Purged (liters):	7.5	Sample ID:	MW-56D-Q225	Sample Time:	09:12
Purge End Time:	09:11	Well Volumes Purged (total):	0.89	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:59	0	500	mL/min	8.53	7.09	13.18	14.22	21879	11	0.25	22	-77.6	Clear	No Odor
09:02	3	500	mL/min	8.53	7.09	13.19	14.24	21901	8	0.29	21.9	-77.4	Clear	No Odor
09:05	6	500	mL/min	8.53	7.08	13.2	14.24	21906	8	0.18	21.8	-72.5	Clear	No Odor
09:08	9	500	mL/min	8.53	7.08	13.18	14.22	21880	8	0.15	21.8	-74	Clear	No Odor
09:11	12	500	mL/min	8.53	7.09	13.16	14.2	21851	8	0.19	21.8	-78.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Chromium, total 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:

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:

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):

2025-05-14

Work Order(s):

PGE_Topock_2025_Q2_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:71.94 °F, rH:26%, Clouds: 0%, Wind:5.64mph NW

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

73.5-75.5

Casing Diameter (in):

0.75

Well Casing Material:

Static Water Level (ft-bmp):

9.08

Total Depth (ft-bmp):

75.5

Water Column(ft):

66.42

Liters in Well:

5.77

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

74.5

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

08:33

Total Volume Purged (liters):

7.5

Sample ID:

MW-56M-Q225

Sample Time:

08:49

Purge End Time:

08:48

Well Volumes Purged (total):

1.30

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:36	0	500	mL/min	9.11	7.1	7.61	8.57	13175	8	0.37	22.1	-103.3	Clear	No Odor
08:39	3	500	mL/min	9.11	7.1	8.59	9.59	14749	5	0.23	22	-112.5	Clear	No Odor
08:42	6	500	mL/min	9.11	7.1	8.6	9.6	14778	5	0.24	21.9	-122.2	Clear	No Odor
08:45	9	500	mL/min	9.11	7.1	8.6	9.6	14761	5	0.25	21.8	-130.8	Clear	No Odor
08:48	12	500	mL/min	9.11	7.1	8.61	9.61	14790	5	0.27	21.8	-131.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 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:

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:

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):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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:70.95 °F, rH:26%, Clouds: 0%, Wind:5.84mph N-NW			Field Technician:	Riggie T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	33.5-35.5	Casing Diameter (in):	0.75	Well Casing Material:
Static Water Level (ft-bmp):	9.8	Total Depth (ft-bmp):	35.5	Water Column(ft):	25.7	Liters in Well: 2.23
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	34.5	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	08:09	Total Volume Purged (liters):	7.5	Sample ID:	MW-56S-Q225	Sample Time: 08:25
Purge End Time:	08:24	Well Volumes Purged (total):	3.36	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:12	0	500	mL/min	9.82	7.1	3.53	4.19	6458	17	0.78	21.9	-170.5	Clear	No Odor
08:15	3	500	mL/min	9.82	7.1	3.53	4.19	6459	7	0.53	21.9	-164.7	Clear	No Odor
08:18	6	500	mL/min	9.82	7.09	3.54	4.19	6460	7	0.48	21.8	-161.8	Clear	No Odor
08:21	9	500	mL/min	9.82	7.09	3.53	4.19	6458	7	0.47	21.7	-159.4	Clear	No Odor
08:24	12	500	mL/min	9.82	7.09	3.53	4.19	6456	7	0.43	21.8	-157.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 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:

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:

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): 2025-05-09

Work Order(s): PGE_Topock_2025_Q2_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): 55-70

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 53.35

Total Depth (ft-bmp): 68.5

Water Column(ft): 15.15

Liters in Well: 9.36

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 64

Purge Method: Low Flow

Purging Equipment: Submersible Pump

Purge Start Time: 08:12

Total Volume Purged (liters): 4.5

Sample ID: MW-57-070-Q225

Sample Time: 08:28

Purge End Time: 08:27

Well Volumes Purged (total): 0.48

Replicate Type / Replicate ID: Equipment Blank / EB-718-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:12	0	300	mL/min	52.35	8.84	0.98	1.235	1875	10	1.84	26.6	91.3	Clear	No Odor
08:15	3	300	mL/min	52.36	7.71	1.3	1.644	2605	10	0.95	26.7	104.4	Clear	No Odor
08:18	6	300	mL/min	52.36	7.66	1.29	1.638	2600	10	0.99	26.7	104.7	Clear	No Odor
08:21	9	300	mL/min	52.36	7.6	1.28	1.625	2579	10	1	26.7	105.6	Clear	No Odor
08:24	12	300	mL/min	52.37	7.62	1.28	1.625	2575	10	1.02	26.5	105.2	Clear	No Odor
08:27	15	300	mL/min	52.37	7.62	1.28	1.623	2573	10	1.01	26.4	105.5	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)	Plastic	1	500 mL	HNO3

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:

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:



Description:

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):

2025-05-09

Work Order(s):

PGE_Topock_2025_Q2_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):

70-184

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

52.41

Total Depth (ft-bmp):

180.84

Water Column(ft):

128.43

Liters in Well:

317.37

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

175

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

07:45

Total Volume Purged (liters):

4.5

Sample ID:

MW-57-185-Q225

Sample Time:

08:01

Purge End Time:

08:00

Well Volumes Purged (total):

0.01

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:45	0	300	mL/min	52.41	9.22	3.76	4.491	6957	16	3.9	25.3	23.5	Clear	No Odor
07:48	3	300	mL/min	52.41	10.27	3.79	4.511	7130	14	0.71	26.4	-35.6	Clear	No Odor
07:51	6	300	mL/min	52.42	10.29	3.81	4.53	7137	14	0.65	26.4	-37.2	Clear	No Odor
07:54	9	300	mL/min	52.42	10.34	3.82	4.55	7179	14	0.5	26.4	-37.7	Clear	No Odor
07:57	12	300	mL/min	52.42	10.32	3.82	4.552	7175	14	0.52	26.1	-37.5	Clear	No Odor
08:00	15	300	mL/min	52.43	10.31	3.82	4.555	7177	14	0.51	26.1	-37.9	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
14	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-58BR	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	54-206	Casing Diameter (in):	0	Well Casing Material:	
Static Water Level (ft-bmp):	67.08	Total Depth (ft-bmp):	204.2	Water Column(ft):	137.12	Liters in Well:	0
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	135	Purge Method:	Low Flow	Purging Equipment:	Dedicated Pump
Purge Start Time:	12:37	Total Volume Purged (liters):	7.5	Sample ID:	MW-58BR-Q225	Sample Time:	12:53
Purge End Time:	12:52	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:40	0	500	mL/min	67.10	7.53	4.32	5.12	7868	6	0.38	30	-34.2	Clear	No Odor
12:43	3	500	mL/min	67.10	7.52	4.33	5.13	7887	4	0.29	30.1	-25.8	Clear	No Odor
12:46	6	500	mL/min	67.10	7.5	4.34	5.13	7888	3	0.21	29.9	-23.5	Clear	No Odor
12:49	9	500	mL/min	67.10	7.49	4.34	5.13	7900	3	0.17	29.7	-24	Clear	No Odor
12:52	12	500	mL/min	67.10	7.46	4.34	5.13	7898	3	0.16	29.8	-24	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
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	86-101	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	82.45	Total Depth (ft-bmp):	100.73	Water Column(ft):	18.28	Liters in Well:	11.29
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:03	Total Volume Purged (liters):	4.5	Sample ID:	MW-59-100-Q225	Sample Time:	12:19
Purge End Time:	12:18	Well Volumes Purged (total):	0.40	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:03	0	300	mL/min	82.45	7.35	5.47	6.324	11392	15	3.61	36.9	104.1	Clear	No Odor
12:06	3	300	mL/min	82.45	7.28	7.89	9.009	19440	12	3.71	35.8	102.5	Clear	No Odor
12:09	6	300	mL/min	82.45	7.32	8.75	9.932	18120	12	3.46	35.6	102.9	Clear	No Odor
12:12	9	300	mL/min	82.45	7.38	9.98	11.21	20687	12	2.99	35.9	103.2	Clear	No Odor
12:15	12	300	mL/min	82.45	7.38	9.95	11.22	20685	12	3.02	35.5	103.4	Clear	No Odor
12:18	15	300	mL/min	82.45	7.38	9.95	11.22	20682	12	3.01	35.5	103.1	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:

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:



Description:

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):

2025-05-29

Work Order(s):

PGE_Topock_2025_Q2_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):

103-123

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

99.1

Total Depth (ft-bmp):

121.83

Water Column(ft):

22.73

Liters in Well:

14.04

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

115

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

10:49

Total Volume Purged (liters):

4.5

Sample ID:

MW-60-125-Q225

Sample Time:

11:05

Purge End Time:

11:05

Well Volumes Purged (total):

0.32

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:49	0	300	mL/min	99.10	7.78	4.7	5.616	9378	19	3.91	29.3	115.6	Clear	No Odor
10:52	3	300	mL/min	99.10	7.75	6.49	7.449	12130	17	1.38	28.4	111.2	Clear	No Odor
10:55	6	300	mL/min	99.10	7.9	7.92	7.325	12082	17	0.96	28.5	112.1	Clear	No Odor
10:58	9	300	mL/min	99.12	7.93	6.07	6.994	11476	17	2.95	28.5	116	Clear	No Odor
11:01	12	300	mL/min	99.13	7.95	6.05	6.991	11472	17	2.92	28.1	116.5	Clear	No Odor
11:04	15	300	mL/min	99.14	7.94	6.05	6.994	11475	17	2.94	28.3	116.1	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
17	1	1

Comments: None

Well Information:

Well Labeled Properly:

yes

Is Well in Good Condition?

good

Well Inspection Comments:

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:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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:85.57 °F, rH:17%, Clouds: 0%, Wind:0mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	136-245	Casing Diameter (in):	5	Well Casing Material:	
Static Water Level (ft-bmp):	98.85	Total Depth (ft-bmp):	244.01	Water Column(ft):	145.16	Liters in Well:	560.48
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	175	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	09:21	Total Volume Purged (liters):	7.5	Sample ID:	MW-60BR-245-Q225	Sample Time:	09:37
Purge End Time:	09:36	Well Volumes Purged (total):	0.01	Replicate Type / Replicate ID:	Duplicate / MW-917-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:24	0	500	mL/min	98.88	7.09	10.28	11.42	17583	19	3.64	29.6	-56.2	Clear	No Odor
09:27	3	500	mL/min	98.88	7.13	10.21	11.34	17463	11	1.81	30.1	-67.9	Clear	No Odor
09:30	6	500	mL/min	98.88	7.14	10.21	11.34	17452	10	1.79	30.2	-67.9	Clear	No Odor
09:33	9	500	mL/min	98.88	7.14	10.22	11.35	17436	10	1.84	30.3	-67.9	Clear	No Odor
09:36	12	500	mL/min	98.88	7.14	10.22	11.35	17460	10	1.83	30.4	-68	Clear	No Odor

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

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:

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:

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):

2025-05-29

Work Order(s):

PGE_Topock_2025_Q2_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):

92-112

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

87.1

Total Depth (ft-bmp):

112.03

Water Column(ft):

24.93

Liters in Well:

15.4

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

109

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

09:19

Total Volume Purged (liters):

4.5

Sample ID:

MW-61-110-Q225

Sample Time:

09:34

Purge End Time:

09:34

Well Volumes Purged (total):

0.29

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:19	0	300	mL/min	87.10	6.99	6.14	6.916	10306	14	3.85	29.7	112.3	Clear	No Odor
09:22	3	300	mL/min	87.12	7.33	9.42	10.46	17142	16	2.88	29.4	104.9	Clear	No Odor
09:25	6	300	mL/min	87.12	7.62	10.6	11.73	19604	12	1.74	29.5	103.7	Clear	No Odor
09:28	9	300	mL/min	87.12	7.63	10.64	11.76	19682	12	1.62	29.6	103.7	Clear	No Odor
09:31	12	300	mL/min	87.12	7.65	10.62	11.76	19685	12	1.63	29.4	104.7	Clear	No Odor
09:34	15	300	mL/min	87.12	7.65	10.62	11.76	19683	12	1.61	29.1	104.9	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-09	Work Order(s):	PGE_Topock_2025_Q2_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):	44.5-64.5	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	47.92	Total Depth (ft-bmp):	63.7	Water Column(ft):	15.78	Liters in Well:	9.75
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	60	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	07:15	Total Volume Purged (liters):	4.5	Sample ID:	MW-62-065-Q225	Sample Time:	07:31
Purge End Time:	07:30	Well Volumes Purged (total):	0.46	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:15	0	300	mL/min	47.92	6.26	3.92	4.608	7152	10	6.19	26	153.8	Clear	No Odor
07:18	3	300	mL/min	47.92	7.15	4.17	4.92	7789	10	3.98	26.5	141.6	Clear	No Odor
07:21	6	300	mL/min	47.93	7.53	4.18	4.94	7853	10	2.29	26.7	135.2	Clear	No Odor
07:24	9	300	mL/min	47.95	7.58	4.17	4.927	7837	12	1.97	26.8	132.7	Clear	No Odor
07:27	12	300	mL/min	47.96	7.55	4.17	4.925	7835	12	1.99	26.7	132.2	Clear	No Odor
07:30	15	300	mL/min	47.96	7.56	4.17	4.922	7833	12	1.95	26.7	132.6	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-62-110	Date(s):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	85-110	Casing Diameter (in):	0	Well Casing Material:	
Static Water Level (ft-bmp):	Total Depth (ft-bmp):		Water Column(ft):		Gallons in Well:		
Depth to Product (ft-bmp):	Pump Intake Depth(ft-bmp):		0	Purge Method:	Volumetric	Purging Equipment:	Flute
Purge Start Time:	12:10	Total Volume Purged (gallons):	1.5	Sample ID:	MW-62-110-Q225	Sample Time:	15:00
Purge End Time:	12:13	Well Volumes Purged (total):	Replicate Type / Replicate ID:		N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:10	1200	0.5	gpm	#Error	7.84	8.26	9.32	14342	3	0.46	29.4	-116.8	Clear	No Odor
12:10	0	0.5	gpm	#Error	7.94	6.33	7.28	11201	7	0.85	29.8	-125.3	Clear	No Odor
12:13	3	0.5	gpm	#Error	7.91	6.33	7.28	11215	6	0.69	29.7	-128.5	Clear	No Odor
15:00	170	0.5	gpm	#Error	7.82	8.26	9.32	14353	3	0.44	29.5	-117.5	Clear	No Odor
15:25	195	0.5	gpm	#Error	7.85	8.13	9.19	14115	4	0.49	29.8	-122.3	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
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-62-190	Date(s):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	155-192	Casing Diameter (in):	0	Well Casing Material:	
Static Water Level (ft-bmp):		Total Depth (ft-bmp):		Water Column(ft):		Gallons in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	0	Purge Method:	Volumetric	Purging Equipment:	Flute
Purge Start Time:	12:00	Total Volume Purged (gallons):	1.5	Sample ID:	MW-62-190-Q225	Sample Time:	14:45
Purge End Time:	12:03	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:00	1200	0.5	gpm	#Error	7.75	11.31	12.46	19153	3	0.42	29.9	-185.5	Clear	No Odor
12:00	0	0.5	gpm	#Error	7.63	10.63	11.77	18108	9	0.77	29.7	-136.8	Clear	No Odor
12:03	3	0.5	gpm	#Error	7.69	10.63	11.77	18123	7	0.61	29.8	-137.6	Clear	No Odor
14:45	165	0.5	gpm	#Error	7.74	11.31	12.46	19175	3	0.4	29.8	-188.5	Clear	No Odor
15:15	195	0.5	gpm	#Error	7.73	10.97	12.12	18657	4	0.44	30.1	-179.6	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
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	46-66	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	48.32	Total Depth (ft-bmp):	63.2	Water Column(ft):	14.88	Liters in Well:	9.19
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	60	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:19	Total Volume Purged (liters):	4.5	Sample ID:	MW-63-065-Q225	Sample Time:	13:35
Purge End Time:	13:34	Well Volumes Purged (total):	0.49	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:19	0	300	mL/min	48.32	7.31	4.51	5.304	8690	12	1.25	28.5	81.4	Clear	No Odor
13:22	3	300	mL/min	48.32	7.31	4.48	5.284	8600	12	1.16	28	81.4	Clear	No Odor
13:25	6	300	mL/min	48.32	7.3	4.39	5.174	8473	12	1.19	28.1	81.6	Clear	No Odor
13:28	9	300	mL/min	48.32	7.29	4.27	5.05	8238	12	1.29	28.1	82	Clear	No Odor
13:31	12	300	mL/min	48.34	7.28	4.27	5.052	8235	12	1.27	28.3	82.4	Clear	No Odor
13:34	15	300	mL/min	48.34	7.28	4.27	5.054	8233	12	1.29	28.3	82.6	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):

2025-05-29

Work Order(s):

PGE_Topock_2025_Q2_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:90.1 °F, rH:15%, Clouds: 0%, Wind:0mph N

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

2-258

Casing Diameter (in):

3

Well Casing Material:

Static Water Level (ft-bmp):

119.11

Total Depth (ft-bmp):

258

Water Column(ft):

138.89

Liters in Well:

193.06

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

185

Purge Method:

Low Flow

Purging Equipment:

Dedicated Pump

Purge Start Time:

10:27

Total Volume Purged (liters):

7.5

Sample ID:

MW-64BR-Q225

Sample Time:

10:43

Purge End Time:

10:42

Well Volumes Purged (total):

0.04

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:30	0	500	mL/min	119.13	6.94	7.19	8.21	12630	10	0.51	30.2	-167.8	Clear	No Odor
10:33	3	500	mL/min	119.13	6.93	7.17	8.19	12610	6	0.3	30.4	-160.8	Clear	No Odor
10:36	6	500	mL/min	119.13	6.92	7.16	8.18	12592	6	0.25	30.8	-160.3	Clear	No Odor
10:39	9	500	mL/min	119.13	6.92	7.15	8.17	12552	6	0.22	30.6	-161.9	Clear	No Odor
10:42	12	500	mL/min	119.13	6.92	7.15	8.17	12574	6	0.19	30.6	-161.8	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
6	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-65-160	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	150-160	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	140.56	Total Depth (ft-bmp):	160.43	Water Column(ft):	19.87	Liters in Well:	12.28
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	155	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:39	Total Volume Purged (liters):	10	Sample ID:	MW-65-160-Q225	Sample Time:	12:00
Purge End Time:	11:59	Well Volumes Purged (total):	0.81	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:39	0	500	mL/min	140.56	7.62	2.3	2.85	4396	33	2.87	31.6	89.6	Clear	No Odor
11:43	4	500	mL/min	140.62	7.59	2.3	2.85	4382	25	2.44	31.3	85.7	Clear	No Odor
11:47	8	500	mL/min	140.62	7.55	2.3	2.85	4351	19	2.31	31.2	82.9	Clear	No Odor
11:51	12	500	mL/min	140.62	7.54	2.3	2.85	4348	16	2.25	31.3	80.6	Clear	No Odor
11:55	16	500	mL/min	140.62	7.51	2.3	2.85	4344	15	2.23	31.3	80.1	Clear	No Odor
11:59	20	500	mL/min	140.62	7.51	2.3	2.85	4343	15	2.24	31.3	80.5	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
Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),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

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



Description:

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-65-225	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	215-225	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	140.4	Total Depth (ft-bmp):	225.37	Water Column(ft):	84.97	Liters in Well:	52.49
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	220	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	10:47	Total Volume Purged (liters):	10	Sample ID:	MW-65-225-Q225	Sample Time:	11:08
Purge End Time:	11:07	Well Volumes Purged (total):	0.19	Replicate Type / Replicate ID:	MS/MSD / MW-65-225-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:47	0	500	mL/min	140.40	7.59	4.07	4.86	7485	29	2.89	31.5	88.9	Clear	No Odor
10:51	4	500	mL/min	140.48	7.54	6.35	7.33	11269	20	2.71	31.1	81.7	Clear	No Odor
10:55	8	500	mL/min	140.48	7.51	7.89	8.95	13773	13	2.48	31.1	83.5	Clear	No Odor
10:59	12	500	mL/min	140.48	7.49	7.89	8.95	13801	8	2.33	31.2	80.9	Clear	No Odor
11:03	16	500	mL/min	140.48	7.49	7.89	8.95	13806	8	2.28	31.2	80.1	Clear	No Odor
11:07	20	500	mL/min	140.48	7.48	7.89	8.95	13808	8	2.24	31.2	78.9	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
Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Magnesium, dissolved (SW 6020A),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

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



Description:

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):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	142-162	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	130.11	Total Depth (ft-bmp):	160.94	Water Column(ft):	30.83	Liters in Well:	19.05
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	152	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	09:55	Total Volume Purged (liters):	10	Sample ID:	MW-66-165-Q225	Sample Time:	10:16
Purge End Time:	10:15	Well Volumes Purged (total):	0.52	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:55	0	500	mL/min	130.11	7.76	2.05	2.54	3921	25	3.19	32.6	56.9	Clear	No Odor
09:59	4	500	mL/min	130.19	7.73	2.05	2.54	3928	17	3.06	32.7	53.5	Clear	No Odor
10:03	8	500	mL/min	130.19	7.69	2.05	2.54	3932	11	2.98	32.8	52.5	Clear	No Odor
10:07	12	500	mL/min	130.19	7.66	2.05	2.54	3935	8	2.92	32.8	52.1	Clear	No Odor
10:11	16	500	mL/min	130.19	7.65	2.05	2.54	3936	8	2.88	32.8	51.9	Clear	No Odor
10:15	20	500	mL/min	130.19	7.65	2.05	2.54	3938	8	2.85	32.9	51.2	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
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



Description:

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): 2025-05-22

Work Order(s): PGE_Topock_2025_Q2_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): 218-228

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 130.51

Total Depth (ft-bmp): 227.05

Water Column(ft): 96.54

Liters in Well: 59.64

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 223

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 09:01

Total Volume Purged (liters): 10

Sample ID: MW-66-230-Q225

Sample Time: 09:22

Purge End Time: 09:21

Well Volumes Purged (total): 0.17

Replicate Type / Replicate ID: Duplicate / MW-918-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:01	0	500	mL/min	130.51	7.89	10.33	11.47	17893	33	2.96	30.3	58.6	Clear	No Odor
09:05	4	500	mL/min	130.60	7.85	10.42	11.55	18086	24	2.67	30.5	52.7	Clear	No Odor
09:09	8	500	mL/min	130.60	7.84	10.42	11.55	18096	15	2.61	30.5	51.1	Clear	No Odor
09:13	12	500	mL/min	130.60	7.83	10.42	11.55	18101	9	2.55	30.5	48.7	Clear	No Odor
09:17	16	500	mL/min	130.60	7.83	10.42	11.55	18104	9	2.52	30.5	48.1	Clear	No Odor
09:21	20	500	mL/min	130.60	7.82	10.42	11.55	18107	9	2.51	30.6	46.5	Clear	No Odor

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

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

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:

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):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	248-271	Casing Diameter (in):	5	Well Casing Material:	
Static Water Level (ft-bmp):	132.99	Total Depth (ft-bmp):		Water Column(ft):	138.01	Gallons in Well:	140.77
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	0	Purge Method:	Volumetric	Purging Equipment:	Dedicated Pump
Purge Start Time:	12:09	Total Volume Purged (gallons):	80	Sample ID:	MW-66BR-270-Q225	Sample Time:	12:45
Purge End Time:	12:25	Well Volumes Purged (total):	0.57	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:09	0	5	gpm	#Error	7.86	10.43	11.58	17821	33	1.32	30.9	-89.6	Clear	No Odor
12:13	4	5	gpm	#Error	8.06	10.43	11.58	17836	25	0.68	31.5	-139.3	Clear	No Odor
12:17	8	5	gpm	#Error	8.11	10.43	11.58	17853	28	0.39	31.9	-144.6	Clear	No Odor
12:21	12	5	gpm	#Error	8.13	10.43	11.58	17859	31	0.35	31.9	-149.6	Clear	No Odor
12:25	16	5	gpm	#Error	8.14	10.43	11.58	17863	31	0.33	32.1	-152.5	Clear	No Odor
12:45	36	5	gpm	159.22	7.86	10.45	11.6	17870	9	0.39	31.6	-169.3	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
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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:97.59 °F, rH:9%, Clouds: 0%, Wind:6.91mph E			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	177-187	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	169.84	Total Depth (ft-bmp):	186.7	Water Column(ft):	16.86	Liters in Well:	10.42
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	182	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	12:35	Total Volume Purged (liters):	7.5	Sample ID:	MW-67-185-Q225	Sample Time:	12:51
Purge End Time:	12:50	Well Volumes Purged (total):	0.72	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:38	0	500	mL/min	169.88	7.34	2.77	3.37	5200	31	1.44	31.8	-6.2	Clear	No Odor
12:41	3	500	mL/min	169.88	7.33	2.75	3.36	5183	24	1.1	31.3	-8.1	Clear	No Odor
12:44	6	500	mL/min	169.88	7.32	2.73	3.33	5139	22	0.88	31.1	-8.9	Clear	No Odor
12:47	9	500	mL/min	169.88	7.32	2.73	3.33	5126	21	0.83	31	-7.7	Clear	No Odor
12:50	12	500	mL/min	169.88	7.32	2.74	3.34	5145	21	0.82	30.5	-11.8	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),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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
21	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:

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):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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):

210-225

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

169.76

Total Depth (ft-bmp):

225.17

Water Column(ft):

55.41

Liters in Well:

34.23

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

217

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

12:27

Total Volume Purged (liters):

10

Sample ID:

MW-67-225-Q225

Sample Time:

12:48

Purge End Time:

12:47

Well Volumes Purged (total):

0.29

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:27	0	500	mL/min	169.76	7.71	2.91	3.53	5472	23	3.52	33.4	39.6	Clear	No Odor
12:31	4	500	mL/min	169.80	7.75	2.75	3.37	5256	15	2.94	32.9	48.5	Clear	No Odor
12:35	8	500	mL/min	169.80	7.72	2.75	3.37	5241	11	2.75	32.7	52.8	Clear	No Odor
12:39	12	500	mL/min	169.80	7.71	2.75	3.37	5235	8	2.72	32.7	55.8	Clear	No Odor
12:43	16	500	mL/min	169.80	7.71	2.75	3.37	5231	8	2.68	32.7	56.2	Clear	No Odor
12:47	20	500	mL/min	169.80	7.7	2.75	3.37	5228	8	2.65	32.7	56.9	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



Description:

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-67-260	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	250-260	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	169.83	Total Depth (ft-bmp):	260.15	Water Column(ft):	90.32	Liters in Well:	55.8
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	255	Purge Method:	Low Flow	Purging Equipment:	Bladder Pump
Purge Start Time:	11:31	Total Volume Purged (liters):	10	Sample ID:	MW-67-260-Q225	Sample Time:	11:52
Purge End Time:	11:51	Well Volumes Purged (total):	0.18	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:31	0	500	mL/min	169.83	11.29	10.4	11.58	18675	22	2.13	32.9	-31.8	Clear	No Odor
11:35	4	500	mL/min	169.88	10.59	10.4	11.58	18671	17	1.56	32.5	-35.8	Clear	No Odor
11:39	8	500	mL/min	169.88	10.22	10.72	11.85	18721	11	1.44	32.5	-40.2	Clear	No Odor
11:43	12	500	mL/min	169.88	10.15	10.72	11.85	18732	9	1.32	32.4	-43.9	Clear	No Odor
11:47	16	500	mL/min	169.88	10.12	10.72	11.85	18735	9	1.3	32.5	-45.2	Clear	No Odor
11:51	20	500	mL/min	169.88	10.11	10.72	11.85	18738	9	1.28	32.5	-45.9	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
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

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:

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-68-180	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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:100.6 °F, rH:10%, Clouds: 0%, Wind:6.91mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	165-180	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	164.95	Total Depth (ft-bmp):	180.02	Water Column(ft):	15.07	Liters in Well:	9.31
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	173	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	13:13	Total Volume Purged (liters):	7.5	Sample ID:	MW-68-180-Q225	Sample Time:	13:29
Purge End Time:	13:28	Well Volumes Purged (total):	0.81	Replicate Type / Replicate ID:	Duplicate / MW-919-Q225 Equipment Blank / EB-739-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:16	0	500	mL/min	164.80	7.41	1.67	2.1	3126	20	4.71	33	11.4	Clear	No Odor
13:19	3	500	mL/min	164.80	7.36	1.56	1.96	3028	10	4.26	31.7	15.2	Clear	No Odor
13:22	6	500	mL/min	164.80	7.33	1.56	1.96	3025	8	4.68	31.2	20.7	Clear	No Odor
13:25	9	500	mL/min	164.80	7.33	1.56	1.97	3030	8	4.63	31.1	22.5	Clear	No Odor
13:28	12	500	mL/min	164.80	7.33	1.56	1.96	3032	8	4.57	31.2	24.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	2	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:



Description:

Location ID:

MW-68-240

Date(s):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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):

220-240

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

165.17

Total Depth (ft-bmp):

239.93

Water Column(ft):

74.76

Liters in Well:

46.19

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

230

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

10:19

Total Volume Purged (liters):

10

Sample ID:

MW-68-240-Q225

Sample Time:

10:40

Purge End Time:

10:39

Well Volumes Purged (total):

0.22

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:19	0	500	mL/min	165.17	7.84	9.13	10.28	16896	19	2.85	32.3	55.8	Clear	No Odor
10:23	4	500	mL/min	165.25	7.83	9.13	10.28	16925	11	2.41	32.1	58.4	Clear	No Odor
10:27	8	500	mL/min	165.25	7.87	9.13	10.28	16942	8	2.35	31.8	59.1	Clear	No Odor
10:31	12	500	mL/min	165.25	7.86	9.13	10.28	16949	7	2.31	31.7	59.9	Clear	No Odor
10:35	16	500	mL/min	165.25	7.86	9.13	10.28	16953	7	2.25	31.7	57.1	Clear	No Odor
10:39	20	500	mL/min	165.25	7.85	9.13	10.28	16955	7	2.23	31.7	56.5	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
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



Description:

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-68BR-280	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	257-279	Casing Diameter (in):	5	Well Casing Material:	
Static Water Level (ft-bmp):	163.6	Total Depth (ft-bmp):		Water Column(ft):	115.4	Gallons in Well:	117.71
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	0	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	09:01	Total Volume Purged (gallons):	62	Sample ID:	MW-68BR-280-Q225	Sample Time:	09:52
Purge End Time:	09:51	Well Volumes Purged (total):	0.53	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:01	0	2	gpm	163.60	7.8	12.59	13.76	21890	11	2.13	31	-63.5	Clear	No Odor
09:11	10	2	gpm	197.11	7.83	12.58	13.75	21815	8	1.44	31.1	-65.8	Clear	No Odor
09:21	20	2	gpm	219.88	7.84	12.56	13.73	21789	6	0.98	31.3	-69.9	Clear	No Odor
09:31	30	2	gpm	228.25	7.85	12.56	13.73	21771	6	0.85	31.3	-72.5	Clear	No Odor
09:36	35	0.1	gpm	228.26	7.88	12.56	13.73	21765	5	0.82	31.4	-75.8	Clear	No Odor
09:41	40	0.1	gpm	228.26	7.88	12.56	13.73	21761	5	0.79	31.4	-78.5	Clear	No Odor
09:46	45	0.1	gpm	228.26	7.88	12.56	13.73	21748	5	0.77	31.4	-78.9	Clear	No Odor
09:51	50	0.1	gpm	228.26	7.89	12.56	13.73	21742	5	0.76	31.5	-79.5	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)	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

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:

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-69-195	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	176-196	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	174.81	Total Depth (ft-bmp):	195.61	Water Column(ft):	20.8	Liters in Well:	12.85
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	187	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	12:43	Total Volume Purged (liters):	10	Sample ID:	MW-69-195-Q225	Sample Time:	13:04
Purge End Time:	13:03	Well Volumes Purged (total):	0.78	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:43	0	500	mL/min	174.81	7.72	1.47	1.87	2864	78	2.52	33.9	78.5	Clear	No Odor
12:47	4	500	mL/min	174.88	7.67	1.68	2.12	3261	53	2.41	33.5	75.3	Clear	No Odor
12:51	8	500	mL/min	174.88	7.64	1.71	2.15	3314	44	2.38	33.2	72.9	Clear	No Odor
12:55	12	500	mL/min	174.88	7.64	1.83	2.29	3531	39	2.34	33.2	71.7	Clear	No Odor
12:59	16	500	mL/min	174.88	7.63	1.84	2.3	3541	37	2.32	33.2	70.6	Clear	No Odor
13:03	20	500	mL/min	174.88	7.63	1.84	2.3	3545	37	2.31	33.2	70.2	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
37	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:

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):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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):	85-105	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	81.51	Total Depth (ft-bmp):	105.4	Water Column(ft):	23.89	Liters in Well:	14.76
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	95	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	12:34	Total Volume Purged (liters):	10	Sample ID:	MW-70-105-Q225	Sample Time:	12:55
Purge End Time:	12:54	Well Volumes Purged (total):	0.68	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:34	0	500	mL/min	81.51	7.72	1.69	2.11	3404	55	3.52	30.1	72.5	Clear	No Odor
12:38	4	500	mL/min	81.56	7.78	1.69	2.11	3411	40	3.32	30	78.1	Clear	No Odor
12:42	8	500	mL/min	81.56	7.68	1.71	2.14	3396	29	3.23	29.9	76.9	Clear	No Odor
12:46	12	500	mL/min	81.56	7.65	1.71	2.14	3392	25	3.15	29.9	76.5	Clear	No Odor
12:50	16	500	mL/min	81.56	7.63	1.71	2.14	3390	24	3.09	29.9	75.8	Clear	No Odor
12:54	20	500	mL/min	81.56	7.62	1.71	2.14	3389	24	3.12	29.8	75.2	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
24	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:

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):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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):	120-227	Casing Diameter (in):	5	Well Casing Material:	
Static Water Level (ft-bmp):	80.61	Total Depth (ft-bmp):	221.52	Water Column(ft):	140.91	Liters in Well:	544.07
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	174	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	14:04	Total Volume Purged (liters):	10	Sample ID:	MW-70BR-225-Q225	Sample Time:	14:25
Purge End Time:	14:24	Well Volumes Purged (total):	0.02	Replicate Type / Replicate ID:	Equipment Blank / EB-727-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:04	0	500	mL/min	80.61	7.82	4.55	5.38	8268	15	2.88	32.3	88.5	Clear	No Odor
14:08	4	500	mL/min	80.69	7.82	6.42	7.39	11379	11	2.15	31.8	74.1	Clear	No Odor
14:12	8	500	mL/min	80.69	7.89	6.94	7.95	12239	6	2.11	31.6	70.9	Clear	No Odor
14:16	12	500	mL/min	80.69	7.93	6.94	7.95	12271	5	1.94	31.6	72.2	Clear	No Odor
14:20	16	500	mL/min	80.69	7.94	6.94	7.95	12276	5	1.91	31.6	72.9	Clear	No Odor
14:24	20	500	mL/min	80.69	7.94	6.94	7.95	12280	5	1.87	31.7	71.5	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
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



Description:

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): 2025-05-15

Work Order(s): PGE_Topock_2025_Q2_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): 240-287

Casing Diameter (in): 5.5

Well Casing Material:

Static Water Level (ft-bmp): 81.97

Total Depth (ft-bmp): 285.2

Water Column(ft): 203.23

Liters in Well: 949.48

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 265

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 13:19

Total Volume Purged (liters): 10

Sample ID: MW-70BR-287-Q225

Sample Time: 13:40

Purge End Time: 13:39

Well Volumes Purged (total): 0.01

Replicate Type / Replicate ID: MS/MSD / MW-70BR-287-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:19	0	500	mL/min	81.97	7.89	9.42	10.54	16227	15	2.47	31.6	80.5	Clear	No Odor
13:23	4	500	mL/min	82.03	8.13	9.54	10.66	16377	11	2.23	31.4	71.9	Clear	No Odor
13:27	8	500	mL/min	82.03	8.17	9.55	10.67	16381	7	2.11	31.4	66.9	Clear	No Odor
13:31	12	500	mL/min	82.03	8.21	9.55	10.67	16347	5	2.05	31.5	64.1	Clear	No Odor
13:35	16	500	mL/min	82.03	8.21	9.55	10.67	16342	5	2.02	31.5	62.5	Clear	No Odor
13:39	20	500	mL/min	82.03	8.21	9.55	10.67	16340	5	2.01	31.5	61.9	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
5	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:

MW-71-035

Date(s):

2025-06-11

Work Order(s):

PGE_Topock_2025_Q2_Jun_Monthly_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

CLOUDS, T:99.64 °F, rH:12%, Clouds: 28%, Wind:10.78mph S

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

26-36

Casing Diameter (in):

2

Well Casing Material:

PVC

Static Water Level (ft-bmp):

27.22

Total Depth (ft-bmp):

35.3

Water Column(ft):

8.08

Liters in Well:

4.99

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

33

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

10:35

Total Volume Purged (liters):

2.7

Sample ID:

MW-71-035-0625

Sample Time:

10:51

Purge End Time:

10:50

Well Volumes Purged (total):

0.54

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:38	0	500	mL/min	27.96	7.15	4.81	5.68	8651	33	1.32	34.6	-0.1	Clear	No Odor
10:41	3	100	mL/min	28.05	7.15	5	5.88	9042	30	0.85	33.2	1	Clear	No Odor
10:44	6	100	mL/min	28.05	7.18	4.95	5.84	8979	28	1.52	33.8	3.4	Clear	No Odor
10:47	9	100	mL/min	28.05	7.18	4.86	5.73	8862	27	1.5	33.3	4.3	Clear	No Odor
10:50	12	100	mL/min	28.05	7.18	4.84	5.7	8858	27	1.51	33.4	5.1	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
27	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:

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-71-035	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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:64.94 °F, rH:66%, Clouds: 2%, Wind:5.7mph N-NW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	26-36	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.6	Total Depth (ft-bmp):	35.59	Water Column(ft):	7.99	Liters in Well:	4.94
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	32	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	08:43	Total Volume Purged (liters):	2.7	Sample ID:	MW-71-035-Q225	Sample Time:	08:59
Purge End Time:	08:58	Well Volumes Purged (total):	0.55	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:46	0	500	mL/min	28.08	7.54	5.25	6.09	9340	34	1.17	25.3	0.6	Clear	No Odor
08:49	3	100	mL/min	28.10	7.48	5.52	6.38	9814	32	0.94	24.5	1.9	Clear	No Odor
08:52	6	100	mL/min	28.10	7.46	5.48	6.35	9771	31	0.92	25.2	4	Clear	No Odor
08:55	9	100	mL/min	28.10	7.44	5.49	6.35	9784	31	0.85	25.5	7.1	Clear	No Odor
08:58	12	100	mL/min	28.10	7.43	5.41	6.27	9646	31	0.86	25.2	10	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
31	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:


Description:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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):	60-80	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	57.22	Total Depth (ft-bmp):	79.12	Water Column(ft):	21.9	Liters in Well:	13.53
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	75	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:57	Total Volume Purged (liters):	4.5	Sample ID:	MW-72-080-Q225	Sample Time:	10:13
Purge End Time:	10:12	Well Volumes Purged (total):	0.33	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:57	0	300	mL/min	57.22	7.68	10.06	11.14	17302	16	1.36	28.2	108.1	Clear	No Odor
10:00	3	300	mL/min	57.22	7.88	10.8	11.94	19446	12	0.71	28.2	105.3	Clear	No Odor
10:03	6	300	mL/min	57.24	7.99	10.97	12.1	20098	12	0.6	29.2	104.8	Clear	No Odor
10:06	9	300	mL/min	57.24	7.99	10.96	12.07	20135	11	0.55	29.4	104.7	Clear	No Odor
10:09	12	300	mL/min	57.24	8.02	10.92	12.05	20131	11	0.54	29.1	106.2	Clear	No Odor
10:12	15	300	mL/min	57.24	8.01	10.92	12.05	20135	11	0.52	29.3	106.5	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)	Plastic	1	500 mL	HNO3

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

Well Inspection Comments:

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:



Description:

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):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_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:93.33 °F, rH:15%, Clouds: 0%, Wind:6.91mph S-SW			Field Technician:	Riggie T
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	107-200	Casing Diameter (in):	
Well Casing Material:					
Static Water Level (ft-bmp):	57.12	Total Depth (ft-bmp):	200	Water Column(ft):	142.88
Liters in Well:					
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	152	Purge Method:	Low Flow
Purging Equipment:	Portable Bladder				
Purge Start Time:	11:06	Total Volume Purged (liters):	7.5	Sample ID:	MW-72BR-200-Q225
Sample Time:	11:22				
Purge End Time:	11:21	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Duplicate / MW-920-Q225
Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /				
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:09	0	500	mL/min	57.14	6.96	5.56	6.44	9959	13	2.35	30.6	-89.3	Clear	No Odor
11:12	3	500	mL/min	57.14	6.94	9.19	10.28	15686	10	0.58	29.5	-122.6	Clear	No Odor
11:15	6	500	mL/min	57.14	6.92	9.24	10.36	15924	8	0.31	29.6	-133.1	Clear	No Odor
11:18	9	500	mL/min	57.14	6.91	9.33	10.42	16065	8	0.29	30.4	-136.4	Clear	No Odor
11:21	12	500	mL/min	57.14	6.9	9.32	10.42	16030	8	0.27	30	-138.2	Clear	No Odor

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

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:

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):

2025-05-29

Work Order(s):

PGE_Topock_2025_Q2_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:94.26 °F, rH:15%, Clouds: 0%, Wind:4.61mph N

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

60-80

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

50.12

Total Depth (ft-bmp):

79.66

Water Column(ft):

29.54

Liters in Well:

18.25

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

70

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

11:48

Total Volume Purged (liters):

7.5

Sample ID:

MW-73-080-Q225

Sample Time:

12:04

Purge End Time:

12:03

Well Volumes Purged (total):

0.41

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:51	0	500	mL/min	50.15	6.67	5.81	6.72	10338	11	1.88	29.1	-78.1	Clear	No Odor
11:54	3	500	mL/min	50.15	6.69	5.77	6.68	10317	9	1.65	29.8	-80.6	Clear	No Odor
11:57	6	500	mL/min	50.15	6.76	6.1	7.04	10776	9	1.63	30.5	-81.8	Clear	No Odor
12:00	9	500	mL/min	50.15	6.77	6.08	7.02	10794	9	1.71	30.4	-82.1	Clear	No Odor
12:03	12	500	mL/min	50.15	6.78	6.06	7	10769	9	1.7	30.4	-82	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:

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:

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):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

220-240

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

215.81

Total Depth (ft-bmp):

240.65

Water Column(ft):

24.84

Liters in Well:

15.35

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

230

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

13:51

Total Volume Purged (liters):

5.2

Sample ID:

MW-74-240-Q225

Sample Time:

14:12

Purge End Time:

14:11

Well Volumes Purged (total):

0.34

Replicate Type / Replicate ID:

MS/MSD / MW-74-240-Q225 Equipment Blank / EB-742-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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/cm²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:51	0	500	mL/min	215.81	7.53	0.47	0.63	974	19	2.93	33.6	76.6	Clear	No Odor
13:55	4	500	mL/min	216.02	7.57	0.44	0.59	919	15	1.52	32.6	68.1	Clear	No Odor
13:59	8	200	mL/min	216.05	7.64	0.44	0.59	917	18	1.35	32.6	66.9	Clear	No Odor
14:03	12	200	mL/min	216.05	7.65	0.44	0.59	914	15	1.31	32.6	66.1	Clear	No Odor
14:07	16	200	mL/min	216.05	7.67	0.44	0.59	912	14	1.26	32.7	63.6	Clear	No Odor
14:11	20	200	mL/min	216.05	7.68	0.44	0.59	912	14	1.25	32.7	63.1	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
14	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-75-033

Date(s):

2025-05-08

Work Order(s):

PGE_Topock_2025_Q2_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:82.08 °F, rH:41%, Clouds: 0%, Wind:3.44mph N

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

18-33

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

17.28

Total Depth (ft-bmp):

34.79

Water Column(ft):

17.51

Liters in Well:

10.82

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

26

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

10:51

Total Volume Purged (liters):

7.5

Sample ID:

MW-75-033-Q225

Sample Time:

11:07

Purge End Time:

11:06

Well Volumes Purged (total):

0.69

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:54	0	500	mL/min	17.30	7.24	2.1	2.59	3992	14	0.65	28.2	14.6	Clear	No Odor
10:57	3	500	mL/min	17.30	7.22	2.08	2.57	3962	3	0.64	28.2	14.9	Clear	No Odor
11:00	6	500	mL/min	17.30	7.23	2.08	2.57	3947	3	0.65	28.2	14.5	Clear	No Odor
11:03	9	500	mL/min	17.30	7.21	2.07	2.56	3939	3	0.66	28.2	14.6	Clear	No Odor
11:06	12	500	mL/min	17.30	7.25	2.07	2.55	3931	3	0.67	28.2	14.9	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
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-75-117	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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:81.81 °F, rH:41%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	97-117	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	17.52	Total Depth (ft-bmp):	118.1	Water Column(ft):	100.58	Liters in Well:	62.14
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	107	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:29	Total Volume Purged (liters):	7.5	Sample ID:	MW-75-117-Q225	Sample Time:	10:45
Purge End Time:	10:44	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:32	0	500	mL/min	17.55	7.17	6.83	7.8	12012	13	0.53	28.2	6.7	Clear	No Odor
10:35	3	500	mL/min	17.55	7.22	6.82	7.8	11993	5	0.41	28.2	7.1	Clear	No Odor
10:38	6	500	mL/min	17.55	7.26	6.82	7.79	11989	5	0.13	28.2	7.9	Clear	No Odor
10:41	9	500	mL/min	17.55	7.27	6.81	7.78	11965	5	0.1	28.3	8.4	Clear	No Odor
10:44	12	500	mL/min	17.55	7.26	6.79	7.76	11940	5	0.09	28.3	8.6	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:

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:

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-75-202	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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:76.41 °F, rH:50%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	182-202	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	17.65	Total Depth (ft-bmp):	204.3	Water Column(ft):	186.65	Liters in Well:	115.31
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	192	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:36	Total Volume Purged (liters):	7.5	Sample ID:	MW-75-202-Q225	Sample Time:	09:52
Purge End Time:	09:51	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:39	0	500	mL/min	17.68	6.97	9.79	10.84	16715	10	0.2	27.7	-102.7	Clear	No Odor
09:42	3	500	mL/min	17.68	7.01	9.49	10.57	16286	9	0.15	27.9	-52	Clear	No Odor
09:45	6	500	mL/min	17.68	7.01	9.4	10.48	16128	9	0.15	28	-41.5	Clear	No Odor
09:48	9	500	mL/min	17.68	7.01	9.35	10.43	16057	9	0.15	28	-39.5	Clear	No Odor
09:51	12	500	mL/min	17.68	7	9.34	10.42	16026	9	0.13	28.2	-37.8	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:

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:

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-75-267	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	247-267	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	17.4	Total Depth (ft-bmp):	268.55	Water Column(ft):	251.15	Liters in Well:	155.16
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	257	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:01	Total Volume Purged (liters):	7.5	Sample ID:	MW-75-267-Q225	Sample Time:	10:17
Purge End Time:	10:16	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:04	0	500	mL/min	17.42	6.96	13.4	14.54	22369	6	6.17	29.8	-104.2	Clear	No Odor
10:07	3	500	mL/min	17.42	6.95	13.42	14.56	22390	6	6.14	29.6	-95.4	Clear	No Odor
10:10	6	500	mL/min	17.42	6.96	13.44	14.58	22421	6	6.12	29.3	-74.4	Clear	No Odor
10:13	9	500	mL/min	17.42	6.95	13.47	14.6	22460	6	6.03	29.3	-69	Clear	No Odor
10:16	12	500	mL/min	17.42	6.99	13.48	14.62	22485	6	5.94	29.4	-65.8	Clear	No Odor

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

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:

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:

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-75-337	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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:83.14 °F, rH:38%, Clouds: 0%, Wind:4.61mph N-NE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	317-337	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	20	Total Depth (ft-bmp):	338.4	Water Column(ft):	318.4	Liters in Well:	196.7
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	327	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	11:16	Total Volume Purged (liters):	7.5	Sample ID:	MW-75-337-Q225	Sample Time:	11:32
Purge End Time:	11:31	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:19	0	500	mL/min	20.02	7.34	17.92	18.96	29184	22	0.26	30.1	-201.9	Clear	No Odor
11:22	3	500	mL/min	20.02	7.39	17.94	18.98	29198	10	0.15	30.3	-196.6	Clear	No Odor
11:25	6	500	mL/min	20.02	7.43	17.94	18.98	29223	8	0.14	30.3	-147.2	Clear	No Odor
11:28	9	500	mL/min	20.02	7.44	17.93	18.97	29184	8	0.12	30.3	-145.3	Clear	No Odor
11:31	12	500	mL/min	20.02	7.44	17.93	18.97	29207	8	0.12	30.3	-150.2	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)	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:

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:

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-76-039	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	24-39	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.93	Total Depth (ft-bmp):	36.7	Water Column(ft):	11.77	Liters in Well:	7.27
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	32	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:48	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-039-0625	Sample Time:	13:04
Purge End Time:	14:03	Well Volumes Purged (total):	0.62	Replicate Type / Replicate ID:	MS/MSD / MW-76-039-0625 Equipment Blank / EB-761-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:48	0	300	mL/min	24.93	7.26	5.34	6.305	12113	10	1.96	38.1	60.1	Clear	No Odor
12:51	3	300	mL/min	24.94	7.09	5.34	6.292	12041	10	0.57	37.7	80	Clear	No Odor
12:54	6	300	mL/min	24.96	7.1	5.32	6.285	12187	10	0.76	38.6	82.1	Clear	No Odor
12:57	9	300	mL/min	24.96	7.12	5.33	6.292	12192	10	0.71	38.7	81	Clear	No Odor
13:00	12	300	mL/min	24.97	7.1	5.33	6.29	12195	10	0.73	38.5	81.6	Clear	No Odor
13:03	15	300	mL/min	24.97	7.12	5.33	6.292	12193	10	0.75	38.5	81.9	Clear	No Odor

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

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:



Description:



Description:

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-76-039	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_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):	24-39	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.91	Total Depth (ft-bmp):	38.65	Water Column(ft):	13.74	Liters in Well:	8.49
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	35	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:53	Total Volume Purged (liters):	2.7	Sample ID:	MW-76-039-Q225	Sample Time:	14:09
Purge End Time:	14:01	Well Volumes Purged (total):	0.32	Replicate Type / Replicate ID:	Equipment Blank / EB-710-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:53	0	300	mL/min	24.91	7.04	5.3	6.129	9541	16	0.8	26.4	113.4	Clear	No Odor
13:56	3	300	mL/min	24.91	7.04	5.27	6.123	9544	16	0.72	25.7	113.8	Clear	No Odor
13:59	6	300	mL/min	24.93	7.03	5.27	6.129	9574	14	0.61	25.8	114.8	Clear	No Odor
14:02	9	300	mL/min	24.93	7.04	5.27	6.129	9576	12	0.57	25.9	115.4	Clear	No Odor
14:05	12	300	mL/min	24.94	7.02	5.27	6.125	9578	12	0.54	25.9	117.2	Clear	No Odor
14:08	15	300	mL/min	24.94	7.02	5.27	6.122	9580	12	0.52	25.7	117.9	Clear	No Odor

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

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



Description:



Description:

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-76-156	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_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):	136-156	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	25.21	Total Depth (ft-bmp):	157.05	Water Column(ft):	131.84	Liters in Well:	81.45
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	150	Purge Method:	Low Flow	Purging Equipment:	Bladder Pump
Purge Start Time:	13:15	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-156-Q225	Sample Time:	13:31
Purge End Time:	13:30	Well Volumes Purged (total):	0.06	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach DR/2400 Portable /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:15	0	300	mL/min	25.21	6.35	5.12	5.96	9261	10	1.39	25.4	3.1	Clear	No Odor
13:18	3	300	mL/min	25.21	6.66	5.14	5.98	9285	10	0.84	25.5	9.4	Clear	No Odor
13:21	6	300	mL/min	25.22	6.96	5.15	5.999	9333	10	0.57	25.5	41.1	Clear	No Odor
13:24	9	300	mL/min	25.22	7	5.32	6.168	9507	10	0.51	25.1	58.3	Clear	No Odor
13:27	12	300	mL/min	25.22	7.02	5.34	6.165	9505	10	0.54	25.1	58.6	Clear	No Odor
13:30	15	300	mL/min	25.23	7.02	5.34	6.162	9503	10	0.52	25.1	58.1	Clear	No Odor

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

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:



Description:

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-76-156	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	136-156	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.8	Total Depth (ft-bmp):	157.01	Water Column(ft):	132.21	Liters in Well:	81.68
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	151	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:05	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-156-0625	Sample Time:	12:21
Purge End Time:	12:21	Well Volumes Purged (total):	0.06	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:05	0	300	mL/min	24.80	7.33	5.31	6.298	12822	8	2.01	42.1	83.2	Clear	No Odor
12:08	3	300	mL/min	24.80	7.44	5.31	6.292	12518	8	0.94	40.3	73.1	Clear	No Odor
12:11	6	300	mL/min	24.80	7.02	5.33	6.311	12475	8	0.44	39.9	70.4	Clear	No Odor
12:14	9	300	mL/min	24.80	7.04	5.34	6.319	12481	8	0.27	39.7	72.4	Clear	No Odor
12:17	12	300	mL/min	24.82	7.02	5.34	6.321	12484	8	0.29	39.7	72.9	Clear	No Odor
12:20	15	300	mL/min	24.82	7.04	5.34	6.323	12482	8	0.27	39.5	72.5	Clear	No Odor

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

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: _____



Description:



Description:

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-76-181	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	171-181	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.68	Total Depth (ft-bmp):	182.8	Water Column(ft):	158.12	Liters in Well:	97.68
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	175	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:27	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-181-0625	Sample Time:	11:43
Purge End Time:	11:42	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:27	0	300	mL/min	24.68	7.28	5.38	6.805	11160	10	0.69	32.9	80.3	Clear	No Odor
11:30	3	300	mL/min	24.70	7.28	5.37	6.285	11103	10	0.46	32.7	80.7	Clear	No Odor
11:33	6	300	mL/min	24.70	7.3	5.38	6.298	11142	10	0.36	32.7	82.2	Clear	No Odor
11:36	9	300	mL/min	24.72	7.31	5.37	6.295	11114	10	0.36	32.8	80.7	Clear	No Odor
11:39	12	300	mL/min	24.73	7.34	5.35	6.293	11119	10	0.34	32.6	82.4	Clear	No Odor
11:42	15	300	mL/min	24.74	7.32	5.35	6.293	11124	10	0.32	32.5	82.1	Clear	No Odor

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

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:



Description:

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-76-181	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_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):	171-181	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.78	Total Depth (ft-bmp):	182.76	Water Column(ft):	157.98	Liters in Well:	97.6
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	175	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:34	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-181-Q225	Sample Time:	12:50
Purge End Time:	12:49	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:34	0	300	mL/min	24.78	6.91	5.2	6.019	9050	13	2.28	23.9	78.8	Clear	No Odor
12:37	3	300	mL/min	24.78	6.84	5.35	6.201	9502	15	0.82	24.8	39.9	Clear	No Odor
12:40	6	300	mL/min	24.79	6.93	5.35	6.201	9446	15	0.69	24.5	41.3	Clear	No Odor
12:43	9	300	mL/min	24.79	6.95	5.34	6.194	9502	13	0.59	24.8	37	Clear	No Odor
12:46	12	300	mL/min	24.79	7	5.34	6.193	9508	13	0.62	24.7	35.2	Clear	No Odor
12:49	15	300	mL/min	24.80	7.01	5.34	6.191	9505	13	0.61	24.5	35.4	Clear	No Odor

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

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:

Description:

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-76-218	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	198-218	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.8	Total Depth (ft-bmp):	219.8	Water Column(ft):	195	Liters in Well:	120.47
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	210	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:47	Total Volume Purged (liters):	4.5	Sample ID:	MW-76-218-0625	Sample Time:	11:03
Purge End Time:	11:02	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:47	0	300	mL/min	24.80	7.55	5.4	3.376	12295	15	0.01	38.1	72.5	Clear	No Odor
10:50	3	300	mL/min	24.82	7.38	5.38	6.337	11905	15	0.01	36.5	72.5	Clear	No Odor
10:53	6	300	mL/min	24.82	7.34	5.38	6.331	11925	15	0.01	36.8	74.8	Clear	No Odor
10:56	9	300	mL/min	24.84	7.33	5.39	6.335	11934	17	0.03	36.6	77.4	Clear	No Odor
10:59	12	300	mL/min	24.85	7.31	5.41	6.333	11936	17	0.02	36.4	77.2	Clear	No Odor
11:02	15	300	mL/min	24.86	7.31	5.41	6.331	11939	17	0.04	36.3	77.6	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	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:



Description:

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-76-218	Date(s):	2025-05-05	Work Order(s):	PGE_Topock_2025_Q2_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):	198-218	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	24.75	Total Depth (ft-bmp):	219.75	Water Column(ft):	195	Liters in Well:	120.47
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	210	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	11:55	Total Volume Purged (liters):	6	Sample ID:	MW-76-218-Q225	Sample Time:	12:11
Purge End Time:	12:10	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:55	0	400	mL/min	24.75	5.69	5.18	5.993	8370	19	5.54	21.9	42	Clear	No Odor
11:58	3	400	mL/min	24.75	6.4	5.39	6.253	9228	19	3.45	22.9	0.9	Clear	No Odor
12:01	6	400	mL/min	24.75	6.63	5.43	6.272	9349	17	2.69	23.4	-7.8	Clear	No Odor
12:04	9	400	mL/min	24.75	6.7	5.42	6.279	9390	17	2.41	23.6	-9.9	Clear	No Odor
12:07	12	400	mL/min	24.76	6.68	5.45	6.275	9393	17	2.44	23.6	-10.4	Clear	No Odor
12:10	15	400	mL/min	24.76	6.72	5.45	6.272	9395	17	2.42	23.6	-10.9	Clear	No Odor

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

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



Description:



Description:

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-77-046

Date(s):

2025-05-13

Work Order(s):

PGE_Topock_2025_Q2_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):

26-46

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

22.23

Total Depth (ft-bmp):

40

Water Column(ft):

17.77

Liters in Well:

10.98

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

37

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

12:49

Total Volume Purged (liters):

4.5

Sample ID:

MW-77-046-Q225

Sample Time:

13:05

Purge End Time:

13:04

Well Volumes Purged (total):

0.41

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:49	0	300	mL/min	22.23	7.59	6.49	6.357	10384	12	1.7	27.8	77.2	Clear	No Odor
12:52	3	300	mL/min	22.23	7.59	6.42	6.292	10198	12	0.88	27.8	77.5	Clear	No Odor
12:55	6	300	mL/min	22.23	7.57	6.42	6.292	10242	12	0.67	28	78.2	Clear	No Odor
12:58	9	300	mL/min	22.25	7.45	6.42	6.279	10175	12	0.54	27.8	79.2	Clear	No Odor
13:01	12	300	mL/min	22.25	7.43	6.45	6.277	10172	12	0.51	27.8	79.6	Clear	No Odor
13:04	15	300	mL/min	22.26	7.43	6.45	6.275	10174	12	0.52	27.6	79.3	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:

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-77-102

Date(s):

2025-05-13

Work Order(s):

PGE_Topock_2025_Q2_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):

82-102

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

22.61

Total Depth (ft-bmp):

104.22

Water Column(ft):

81.61

Liters in Well:

50.42

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

101

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

12:12

Total Volume Purged (liters):

6

Sample ID:

MW-77-102-Q225

Sample Time:

12:28

Purge End Time:

12:27

Well Volumes Purged (total):

0.12

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:12	0	400	mL/min	22.61	7.51	5.53	6.435	10887	15	2.59	30.5	84.8	Clear	No Odor
12:15	3	400	mL/min	22.63	7.49	5.62	6.519	10698	15	2.56	28.4	85.3	Clear	No Odor
12:18	6	400	mL/min	22.63	7.45	5.61	6.506	10611	15	1.84	28.2	84.9	Clear	No Odor
12:21	9	400	mL/min	22.65	7.47	5.65	6.552	10647	15	0.94	28	85.5	Clear	No Odor
12:24	12	400	mL/min	22.66	7.45	5.65	6.556	10649	15	0.92	28.1	85.1	Clear	No Odor
12:27	15	400	mL/min	22.66	7.45	5.65	6.552	10647	15	0.93	28.1	85.6	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:



Description:

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-77-158

Date(s):

2025-05-13

Work Order(s):

PGE_Topock_2025_Q2_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):

137.9-158

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

22.42

Total Depth (ft-bmp):

160

Water Column(ft):

137.58

Liters in Well:

84.99

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

155

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

11:24

Total Volume Purged (liters):

4.5

Sample ID:

MW-77-158-Q225

Sample Time:

11:40

Purge End Time:

11:39

Well Volumes Purged (total):

0.05

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:24	0	300	mL/min	22.42	7.43	5.27	6.149	10092	10	1.23	28.6	80.6	Clear	No Odor
11:27	3	300	mL/min	22.42	7.38	5.26	6.136	10111	7	0.57	28.7	79.7	Clear	No Odor
11:30	6	300	mL/min	22.42	7.37	5.27	6.142	10124	7	0.47	28.8	79.5	Clear	No Odor
11:33	9	300	mL/min	22.42	7.37	5.26	6.136	10125	7	0.38	28.8	79.4	Clear	No Odor
11:36	12	300	mL/min	22.44	7.35	5.26	6.132	10122	7	0.41	28.5	79.9	Clear	No Odor
11:39	15	300	mL/min	22.44	7.34	5.26	6.131	10124	7	0.43	28.3	81.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:

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-77-187	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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):	167-187.1	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	22.45	Total Depth (ft-bmp):	188.75	Water Column(ft):	166.3	Liters in Well:	102.74
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	180	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:33	Total Volume Purged (liters):	6	Sample ID:	MW-77-187-Q225	Sample Time:	10:49
Purge End Time:	10:48	Well Volumes Purged (total):	0.06	Replicate Type / Replicate ID:	Duplicate / MW-921-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:33	0	400	mL/min	22.45	7.83	4.55	4.043	4109	19	5.03	27.5	34.7	Clear	No Odor
10:36	3	400	mL/min	22.47	7.52	5.48	6.37	10683	19	0.9	28.5	0.8	Clear	No Odor
10:39	6	400	mL/min	22.49	7.53	5.5	6.383	10721	17	0.78	29.8	-2.8	Clear	No Odor
10:42	9	400	mL/min	22.49	7.64	5.5	6.396	10865	17	0.61	30.5	-1.6	Clear	No Odor
10:45	12	400	mL/min	22.49	7.67	5.5	6.394	10862	17	0.64	30.5	-1.2	Clear	No Odor
10:48	15	400	mL/min	22.49	7.67	5.5	6.392	10863	17	0.62	30.5	-1.6	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)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	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:



Description:

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-77-187	Date(s):	2025-06-09	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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 R.		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	167-187.1	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	22.75	Total Depth (ft-bmp):	188.7	Water Column(ft):	165.95	Liters in Well:	102.52
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	180	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:34	Total Volume Purged (liters):	4.5	Sample ID:	MW-77-187-0625	Sample Time:	13:50
Purge End Time:	13:49	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	Equipment Blank / EB-756-Q224	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:34	0	300	mL/min	22.75	7.54	6.59	6.682	14862	12	1.6	48.5	73.1	Clear	No Odor
13:37	3	300	mL/min	22.76	7.57	6.59	6.686	14866	12	1.42	48.1	68.4	Clear	No Odor
13:40	6	300	mL/min	22.76	7.55	6.55	6.684	14862	12	1.45	48.3	68.1	Clear	No Odor
13:43	9	300	mL/min	22.76	7.4	6.57	6.63	14210	12	0.36	45.6	67.2	Clear	No Odor
13:46	12	300	mL/min	22.76	7.42	6.57	6.632	14212	12	0.34	45.8	67.6	Clear	No Odor
13:49	15	300	mL/min	22.78	7.41	6.57	6.632	14214	12	0.35	45.7	67.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

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:

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:



Description:

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-78-070	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	50-70	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.25	Total Depth (ft-bmp):	71.9	Water Column(ft):	26.65	Liters in Well:	16.46
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:30	Total Volume Purged (liters):	4.5	Sample ID:	MW-78-070-0625	Sample Time:	09:46
Purge End Time:	09:45	Well Volumes Purged (total):	0.27	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:30	0	300	mL/min	45.25	6.88	5.32	6.227	10802	10	0.01	31.5	69.3	Clear	No Odor
09:33	3	300	mL/min	45.26	7.5	5.25	6.142	10521	10	1.45	31	76.6	Clear	No Odor
09:36	6	300	mL/min	45.26	7.49	5.25	6.142	10540	10	0.53	31.1	79.7	Clear	No Odor
09:39	9	300	mL/min	45.26	7.5	5.26	6.149	10538	10	0.58	31	79.1	Clear	No Odor
09:42	12	300	mL/min	45.27	7.52	5.24	6.151	10535	10	0.61	31	79.5	Clear	No Odor
09:45	15	300	mL/min	45.28	7.54	5.24	6.153	10533	10	0.63	31	79.9	Clear	No Odor

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

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:



Description:



Description:

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-78-070	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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):	50-70	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.52	Total Depth (ft-bmp):	71.88	Water Column(ft):	26.36	Liters in Well:	16.28
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	68	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:24	Total Volume Purged (liters):	4.5	Sample ID:	MW-78-070-Q225	Sample Time:	09:40
Purge End Time:	09:39	Well Volumes Purged (total):	0.28	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:24	0	300	mL/min	45.52	7.74	5.57	6.684	10802	10	1.82	28.1	115	Clear	No Odor
09:27	3	300	mL/min	45.52	7.63	5.3	6.168	10034	10	0.73	28	111.2	Clear	No Odor
09:30	6	300	mL/min	45.52	7.62	5.29	6.155	10029	10	0.68	28	110.8	Clear	No Odor
09:33	9	300	mL/min	45.52	7.59	5.27	6.142	10005	10	0.58	28.1	109.2	Clear	No Odor
09:36	12	300	mL/min	45.52	7.55	5.25	6.144	10002	10	0.54	28.2	109.6	Clear	No Odor
09:39	15	300	mL/min	45.53	7.54	5.25	6.143	10004	10	0.55	28.2	109.1	Clear	No Odor

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

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: _____



Description:



Description:

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-78-142	Date(s):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	122-142	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	45.66	Total Depth (ft-bmp):	142.08	Water Column(ft):	96.42	Liters in Well: 59.57
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	137	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	08:46	Total Volume Purged (liters):	4.5	Sample ID:	MW-78-142-0625	Sample Time: 09:02
Purge End Time:	09:01	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:46	0	300	mL/min	45.66	6.53	6.56	6.779	12102	16	3.74	33.5	83	Clear	No Odor
08:49	3	300	mL/min	45.66	6.58	5.96	6.916	12456	16	2.27	33.9	74.9	Clear	No Odor
08:52	6	300	mL/min	45.68	6.57	5.95	6.916	12445	16	2.04	33.8	78.2	Clear	No Odor
08:55	9	300	mL/min	45.68	6.55	5.93	6.903	12428	16	1.06	33.9	96.2	Clear	No Odor
08:58	12	300	mL/min	45.68	6.56	5.93	6.901	12430	16	1.04	33.7	96.6	Clear	No Odor
09:01	15	300	mL/min	45.68	6.54	5.93	6.903	12432	16	1.042	33.7	98.4	Clear	No Odor

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

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:



Description:



Description:

Location ID:	MW-78-142	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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):	122-142	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.8	Total Depth (ft-bmp):	142.05	Water Column(ft):	96.25	Liters in Well:	59.46
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	138	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	08:55	Total Volume Purged (liters):	4.5	Sample ID:	MW-78-142-Q225	Sample Time:	09:11
Purge End Time:	09:10	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:55	0	300	mL/min	45.80	6.76	5.87	6.786	10938	13	3.16	27.7	127.2	Clear	No Odor
08:58	3	300	mL/min	45.81	6.98	5.77	6.753	11127	16	1.99	28	126.7	Clear	No Odor
09:01	6	300	mL/min	45.81	7.05	5.93	6.851	11198	16	1.48	28.2	128.8	Clear	No Odor
09:04	9	300	mL/min	45.82	7.05	5.94	6.864	11245	16	1.29	28.4	129.3	Clear	No Odor
09:07	12	300	mL/min	45.82	7.08	5.91	6.862	11242	16	1.25	28.2	129.6	Clear	No Odor
09:10	15	300	mL/min	45.82	7.06	5.93	6.864	11243	16	1.22	28.1	129.3	Clear	No Odor

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

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



Description:



Description:

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-79-058

Date(s):

2025-05-08

Work Order(s):

PGE_Topock_2025_Q2_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):

48-58

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

44.6

Total Depth (ft-bmp):

60.49

Water Column(ft):

15.89

Liters in Well:

9.82

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

56

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

10:31

Total Volume Purged (liters):

4.5

Sample ID:

MW-79-058-Q225

Sample Time:

NA

Purge End Time:

10:46

Well Volumes Purged (total):

0.46

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:31	0	300	mL/min	44.600	7.15	5.01	5.843	9332	15	1.43	28.4	114.6	Clear	No Odor
10:34	3	300	mL/min	44.600	7.39	5.25	6.116	9923	15	0.79	27.8	111	Clear	No Odor
10:37	6	300	mL/min	44.620	7.38	5.12	5.98	9711	12	0.7	27.9	109.4	Clear	No Odor
10:40	9	300	mL/min	44.620	7.38	5.27	6.142	9959	12	0.66	27.9	108.3	Clear	No Odor
10:43	12	300	mL/min	44.630	7.35	5.27	6.145	9962	12	0.63	27.5	108.1	Clear	No Odor
10:46	15	300	mL/min	44.630	7.32	5.27	6.143	9965	12	0.65	27.5	108.5	Clear	No Odor

Constituent Sampled

Container

Number

Volume

Preservative

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-79-058	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	48-58	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	44.4	Total Depth (ft-bmp):	60.51	Water Column(ft):	16.11	Liters in Well:	9.95
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	55	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:28	Total Volume Purged (liters):	4.5	Sample ID:	MW-79-058-0625	Sample Time:	09:44
Purge End Time:	09:43	Well Volumes Purged (total):	0.45	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:28	0	300	mL/min	44.40	7.22	5.17	6.038	10521	16	1.78	31.5	85	Clear	No Odor
09:31	3	300	mL/min	44.40	7.09	5.29	6.176	10448	16	0.99	30.3	84.7	Clear	No Odor
09:34	6	300	mL/min	44.40	7.11	5.29	6.188	10457	16	0.82	30.1	87.8	Clear	No Odor
09:37	9	300	mL/min	44.42	7.11	5.3	6.181	10453	16	0.82	30.2	88.2	Clear	No Odor
09:40	12	300	mL/min	44.42	7.13	5.3	6.183	10451	16	0.8	30.1	88.9	Clear	No Odor
09:43	15	300	mL/min	44.43	7.15	5.31	6.185	10453	16	0.82	30.1	88.4	Clear	No Odor

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

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:



Description:



Description:

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-79-102	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	92-102	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	44.4	Total Depth (ft-bmp):	104.35	Water Column(ft):	59.95	Liters in Well: 37.04
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	08:53	Total Volume Purged (liters):	4.5	Sample ID:	MW-79-102-0625	Sample Time: 09:09
Purge End Time:	09:08	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:53	0	300	mL/min	44.40	6.92	0.35	0.403	567	8	4.53	32.6	90.8	Clear	No Odor
08:56	3	300	mL/min	44.40	6.82	4.48	5.213	8863	8	2.76	31.6	83.8	Clear	No Odor
08:59	6	300	mL/min	44.42	7.01	4.82	5.687	9938	8	2.15	32.5	82.7	Clear	No Odor
09:02	9	300	mL/min	44.42	7.07	5.01	5.908	10597	8	1.19	33.8	81.8	Clear	No Odor
09:05	12	300	mL/min	44.42	7.05	5.01	5.904	10594	8	1.17	33.7	82.4	Clear	No Odor
09:08	15	300	mL/min	44.43	7.03	5.01	5.902	10596	8	1.15	33.7	82.9	Clear	No Odor

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

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: _____



Description:



Description:

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-79-102

Date(s):

2025-05-08

Work Order(s):

PGE_Topock_2025_Q2_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):

92-102

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

44.47

Total Depth (ft-bmp):

104.31

Water Column(ft):

59.84

Liters in Well:

36.97

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

100

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

10:00

Total Volume Purged (liters):

4.5

Sample ID:

MW-79-102-Q225

Sample Time:

NA

Purge End Time:

10:15

Well Volumes Purged (total):

0.12

Replicate Type / Replicate ID:

MS/MSD / MW-79-102-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:00	0	300	mL/min	44.470	7.98	0.33	0.455	855	10	1.9	27.6	112.4	Clear	No Odor
10:03	3	300	mL/min	44.470	7.07	0.14	0.188	314	10	1.03	28.4	115	Clear	No Odor
10:06	6	300	mL/min	44.470	6.69	0.11	0.162	273	10	0.95	28.9	115.2	Clear	No Odor
10:09	9	300	mL/min	44.480	6.63	0.11	0.157	261	10	0.85	29.5	115	Clear	No Odor
10:12	12	300	mL/min	44.490	6.65	0.12	0.155	263	10	0.82	29.2	113.4	Clear	No Odor
10:15	15	300	mL/min	44.490	6.66	0.12	0.159	265	10	0.84	29.3	113.2	Clear	No Odor

Constituent Sampled

Container

Number

Volume

Preservative

Comments: None

Well Information:

Well Labeled Properly:

yes

Is Well in Good Condition?

good

Well Inspection Comments:

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:



Description:

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-80-057

Date(s):

2025-05-08

Work Order(s):

PGE_Topock_2025_Q2_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 T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

47.4-57.4

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

47

Total Depth (ft-bmp):

59.08

Water Column(ft):

12.08

Liters in Well:

7.46

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

53

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

12:08

Total Volume Purged (liters):

7.5

Sample ID:

MW-80-057-Q225

Sample Time:

12:24

Purge End Time:

12:23

Well Volumes Purged (total):

1.01

Replicate Type / Replicate ID:

Duplicate / MW-922-Q225
Equipment Blank / EB-715-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:11	0	500	mL/min	47.04	7.36	4.63	5.45	8371	45	4.9	29.1	-10.8	Clear	No Odor
12:14	3	500	mL/min	47.04	7.38	4.64	5.45	8378	40	4.66	28.9	-13.5	Clear	No Odor
12:17	6	500	mL/min	47.04	7.42	4.63	5.44	8360	40	4.51	28.8	-20	Clear	No Odor
12:20	9	500	mL/min	47.04	7.42	4.63	5.45	8374	40	4.34	28.8	-19.6	Clear	No Odor
12:23	12	500	mL/min	47.04	7.44	4.63	5.44	8372	40	4.16	28.9	-18.7	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
40	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:



Description:

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-80-057	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	47.4-57.4	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	46.65	Total Depth (ft-bmp):	59.1	Water Column(ft):	12.45	Liters in Well: 7.69
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	54	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	12:34	Total Volume Purged (liters):	4.5	Sample ID:	MW-80-057-0625	Sample Time: 12:49
Purge End Time:	12:49	Well Volumes Purged (total):	0.59	Replicate Type / Replicate ID:	Equipment Blank / EB-763-Q225	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:34	0	300	mL/min	46.65	7.24	5.08	5.895	9938	7	1.02	30.1	95.5	Clear	No Odor
12:37	3	300	mL/min	46.65	7.35	5.18	6.045	10051	7	0.42	29.2	96.5	Clear	No Odor
12:40	6	300	mL/min	46.66	7.41	5.18	6.051	10064	7	0.36	29.2	97.4	Clear	No Odor
12:43	9	300	mL/min	46.66	7.43	5.18	6.058	10099	7	0.33	29.4	98	Clear	No Odor
12:46	12	300	mL/min	46.66	7.45	5.18	6.055	10097	7	0.35	29.2	98.6	Clear	No Odor
12:49	15	300	mL/min	46.66	7.43	5.18	6.059	10094	7	0.37	29.2	99.4	Clear	No Odor

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



Description:



Description:

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-80-082	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	67-82	Casing Diameter (in):	2	Well Casing Material:
Static Water Level (ft-bmp):	46.71	Total Depth (ft-bmp):	83.89	Water Column(ft):	37.18	Liters in Well: 22.97
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	80	Purge Method:	Low Flow	Purging Equipment: Submersible Pump
Purge Start Time:	12:02	Total Volume Purged (liters):	4.5	Sample ID:	MW-80-082-0625	Sample Time: 12:18
Purge End Time:	12:17	Well Volumes Purged (total):	0.20	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:02	0	300	mL/min	46.71	6.62	4.36	5.109	5985	10	0.7	30	83	Clear	No Odor
12:05	3	300	mL/min	46.71	7.09	5.07	5.941	9910	10	1.21	29.7	89.4	Clear	No Odor
12:08	6	300	mL/min	46.71	7.26	5.13	6.006	10044	10	2.46	29.5	96.3	Clear	No Odor
12:11	9	300	mL/min	46.73	7.41	5.12	5.999	10029	10	3.51	29.6	101.9	Clear	No Odor
12:14	12	300	mL/min	46.74	7.43	5.12	5.995	10031	10	3.48	29.4	101.3	Clear	No Odor
12:17	15	300	mL/min	46.74	7.41	5.12	5.995	10033	10	3.46	29.4	101.9	Clear	No Odor

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

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: _____



Description:



Description:

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-80-082	Date(s):	2025-05-08	Work Order(s):	PGE_Topock_2025_Q2_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):	67-82	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	46.83	Total Depth (ft-bmp):	83.85	Water Column(ft):	37.02	Liters in Well:	22.87
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	80	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:13	Total Volume Purged (liters):	4.5	Sample ID:	MW-80-082-Q225	Sample Time:	12:29
Purge End Time:	12:28	Well Volumes Purged (total):	0.20	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:13	0	300	mL/min	46.83	7.06	0.7	0.89	1403	8	1.35	28.3	92.7	Clear	No Odor
12:16	3	300	mL/min	46.83	6.53	1.38	1.742	2500	8	0.66	28.2	76.3	Clear	No Odor
12:19	6	300	mL/min	46.83	6.79	3.84	4.543	7016	8	0.4	28.3	82.9	Clear	No Odor
12:22	9	300	mL/min	46.84	7.01	4.87	5.661	9273	8	0.31	28.4	90.5	Clear	No Odor
12:25	12	300	mL/min	46.85	7.04	4.87	5.664	9275	8	0.33	28.2	90.1	Clear	No Odor
12:28	15	300	mL/min	46.86	7.03	4.85	5.662	9272	8	0.31	28.3	90.3	Clear	No Odor

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

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



Description:



Description:

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-81-043	Date(s):	2025-06-09	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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 T	
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	22.8-42.8	Casing Diameter (in):	2	Well Casing Material: PVC
Static Water Level (ft-bmp):	21.94	Total Depth (ft-bmp):	44.59	Water Column(ft):	22.65	Liters in Well: 13.99
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	32	Purge Method:	Low Flow	Purging Equipment: Peristaltic Pump
Purge Start Time:	11:54	Total Volume Purged (liters):	7.5	Sample ID:	MW-81-043-0625	Sample Time: 12:10
Purge End Time:	12:09	Well Volumes Purged (total):	0.54	Replicate Type / Replicate ID:	Duplicate / MW-935-Q225	Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:57	0	500	mL/min	21.97	7.17	5.08	5.95	9159	36	0.72	30.6	-51.5	Clear	No Odor
12:00	3	500	mL/min	21.97	7.1	5.06	5.93	9121	21	0.64	30.3	-54	Clear	No Odor
12:03	6	500	mL/min	21.97	7.06	5.05	5.92	9100	18	0.59	30.6	-52.9	Clear	No Odor
12:06	9	500	mL/min	21.97	7.03	5.04	5.91	9097	18	0.57	30.6	-49	Clear	No Odor
12:09	12	500	mL/min	21.97	7.01	5.04	5.91	9079	18	0.56	30.6	-50.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
18	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-81-043	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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):	22.8-42.8	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	22	Total Depth (ft-bmp):	42.93	Water Column(ft):	20.93	Liters in Well:	12.93
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	40	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:57	Total Volume Purged (liters):	4.5	Sample ID:	MW-81-043-Q225	Sample Time:	13:13
Purge End Time:	13:12	Well Volumes Purged (total):	0.35	Replicate Type / Replicate ID:	Equipment Blank / EB-714-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:57	0	300	mL/min	22.00	5.85	5.83	6.74	10864	8	0.01	27.5	105	Clear	No Odor
13:00	3	300	mL/min	22.00	6.92	5.83	6.74	10800	8	0.02	27.5	109.7	Clear	No Odor
13:03	6	300	mL/min	22.00	7.48	5.83	6.675	10782	8	0.02	27.5	110.4	Clear	No Odor
13:06	9	300	mL/min	22.00	7.69	5.77	6.675	10744	8	0.02	27.4	112.7	Clear	No Odor
13:09	12	300	mL/min	22.02	7.71	5.77	6.679	10742	8	0.03	27.2	112.5	Clear	No Odor
13:12	15	300	mL/min	22.02	7.7	5.77	6.679	10743	8	0.01	27.4	112.2	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:

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-81-098	Date(s):	2025-06-09	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	78-98	Casing Diameter (in):	2	Well Casing Material:	PVC
Static Water Level (ft-bmp):	21.84	Total Depth (ft-bmp):	99.38	Water Column(ft):	77.54	Liters in Well:	47.9
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	88	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:17	Total Volume Purged (liters):	7.5	Sample ID:	MW-81-098-0625	Sample Time:	12:33
Purge End Time:	12:32	Well Volumes Purged (total):	0.16	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:20	0	500	mL/min	21.88	7.08	4.76	5.6	8617	30	0.81	30.4	-63.7	Clear	No Odor
12:23	3	500	mL/min	21.88	7.07	4.75	5.59	8597	13	0.81	30.3	-54.5	Clear	No Odor
12:26	6	500	mL/min	21.88	7.09	4.77	5.61	8611	10	0.79	30.8	-51.1	Clear	No Odor
12:29	9	500	mL/min	21.88	7.1	4.76	5.6	8617	10	0.78	30.4	-49.6	Clear	No Odor
12:32	12	500	mL/min	21.88	7.1	4.75	5.59	8593	10	0.79	30.8	-48.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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:

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:

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-81-098

Date(s):

2025-05-07

Work Order(s):

PGE_Topock_2025_Q2_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):

78-98

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

22.1

Total Depth (ft-bmp):

91.52

Water Column(ft):

69.42

Liters in Well:

42.89

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

89

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

12:25

Total Volume Purged (liters):

4.5

Sample ID:

MW-81-098-Q225

Sample Time:

12:41

Purge End Time:

12:40

Well Volumes Purged (total):

0.10

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:25	0	300	mL/min	22.10	7.47	5.07	5.882	9138	10	0.08	26.4	106.5	Clear	No Odor
12:28	3	300	mL/min	22.10	7.27	5.62	6.396	10091	10	0.05	26.3	94.4	Clear	No Odor
12:31	6	300	mL/min	22.11	7.29	5.51	6.389	10093	10	0.02	26.4	94.7	Clear	No Odor
12:34	9	300	mL/min	22.11	7.33	5.52	6.402	10096	10	0.02	26.6	96.6	Clear	No Odor
12:37	12	300	mL/min	22.11	7.31	5.52	6.4	10092	10	0.04	26.4	96.2	Clear	No Odor
12:40	15	300	mL/min	22.11	7.33	5.52	6.4	10095	10	0.03	26.3	96.4	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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: _____



Description:

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-82-046	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:70.88 °F, rH:67%, Clouds: 52%, Wind:7.47mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	26-46	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	28.92	Total Depth (ft-bmp):	45.91	Water Column(ft):	16.99	Liters in Well:	10.5
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	37	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	10:21	Total Volume Purged (liters):	7.5	Sample ID:	MW-82-046-Q225	Sample Time:	10:37
Purge End Time:	10:36	Well Volumes Purged (total):	0.71	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:24	0	500	mL/min	28.95	7.06	7.61	8.61	13244	58	0.26	26.6	-159.2	Clear	No Odor
10:27	3	500	mL/min	28.95	7	7.61	8.62	13235	50	0.34	26.7	-162.9	Clear	No Odor
10:30	6	500	mL/min	28.95	6.99	7.6	8.6	13237	50	0.35	26.7	-164.6	Clear	No Odor
10:33	9	500	mL/min	28.95	6.96	7.61	8.61	13239	50	0.37	26.7	-164.5	Clear	No Odor
10:36	12	500	mL/min	28.95	6.94	7.62	8.62	13230	50	0.32	26.6	-163	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
50	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: _____



Description:

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-82-112

Date(s):

2025-05-06

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

CLOUDS, T:71.53 °F, rH:61%, Clouds: 44%, Wind:7.47mph S

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

92-112

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

27.85

Total Depth (ft-bmp):

114.16

Water Column(ft):

86.31

Liters in Well:

53.32

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

102

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

10:52

Total Volume Purged (liters):

7.5

Sample ID:

MW-82-112-Q225

Sample Time:

11:08

Purge End Time:

11:07

Well Volumes Purged (total):

0.14

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:55	0	500	mL/min	27.88	7.02	5.25	6.1	9396	13	1.9	26.5	-99.5	Clear	No Odor
10:58	3	500	mL/min	27.88	7.01	5.28	6.13	9430	10	0.81	26.5	-96.9	Clear	No Odor
11:01	6	500	mL/min	27.88	7.03	5.31	6.16	9484	10	0.85	26.5	-92.9	Clear	No Odor
11:04	9	500	mL/min	27.88	7.07	5.34	6.19	9532	10	0.79	26.5	-85	Clear	No Odor
11:07	12	500	mL/min	27.88	7.08	5.36	6.22	9552	10	0.78	26.5	-84.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:

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-82-168	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:73.4 °F, rH:59%, Clouds: 44%, Wind:7.47mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	148-168	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.11	Total Depth (ft-bmp):	169.77	Water Column(ft):	142.66	Liters in Well:	88.13
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	158	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	11:27	Total Volume Purged (liters):	7.5	Sample ID:	MW-82-168-Q225	Sample Time:	11:43
Purge End Time:	11:42	Well Volumes Purged (total):	0.09	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:30	0	500	mL/min	27.13	7.07	4.7	5.51	8477	13	0.55	26.7	2.9	Clear	No Odor
11:33	3	500	mL/min	27.13	7.09	4.7	5.51	8474	11	0.41	26.9	-3.3	Clear	No Odor
11:36	6	500	mL/min	27.13	7.11	4.7	5.51	8477	11	0.38	26.9	-5.9	Clear	No Odor
11:39	9	500	mL/min	27.13	7.12	4.7	5.51	8479	11	0.38	26.9	-6.8	Clear	No Odor
11:42	12	500	mL/min	27.13	7.12	4.7	5.51	8481	11	0.37	26.9	-6.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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: _____



Description:

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-82-198	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_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:74.07 °F, rH:53%, Clouds: 7%, Wind:6.15mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	178-198	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.03	Total Depth (ft-bmp):	199.44	Water Column(ft):	172.41	Liters in Well:	106.51
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	188	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	12:01	Total Volume Purged (liters):	7.5	Sample ID:	MW-82-198-Q225	Sample Time:	12:17
Purge End Time:	12:16	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Equipment Blank / EB-711-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:04	0	500	mL/min	27.05	7.15	4.76	5.57	8568	9	1.77	26.4	-44.6	Clear	No Odor
12:07	3	500	mL/min	27.05	7.13	4.76	5.57	8570	9	1.34	26.5	-58.4	Clear	No Odor
12:10	6	500	mL/min	27.05	7.12	4.76	5.57	8569	9	1.28	26.5	-63.9	Clear	No Odor
12:13	9	500	mL/min	27.05	7.11	4.76	5.57	8567	9	1.23	26.3	-71.8	Clear	No Odor
12:16	12	500	mL/min	27.05	7.12	4.76	5.57	8571	9	1.25	26.4	-68.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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: _____



Description:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:102.56 °F, rH:11%, Clouds: 0%, Wind:14.97mph S-SW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	70-90	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	72.97	Total Depth (ft-bmp):	91.84	Water Column(ft):	18.87	Liters in Well:	11.66
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	82	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	14:30	Total Volume Purged (liters):	7.5	Sample ID:	MW-83-090-Q225	Sample Time:	14:46
Purge End Time:	14:45	Well Volumes Purged (total):	0.64	Replicate Type / Replicate ID:	Equipment Blank / EB-750-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:33	0	500	mL/min	73.00	7.16	1.03	1.31	2002	14	9.79	29.8	-49.8	Clear	No Odor
14:36	3	500	mL/min	73.00	7.16	1.03	1.31	2028	10	7.84	29.8	-51.5	Clear	No Odor
14:39	6	500	mL/min	73.00	7.16	1.03	1.31	2027	10	8.24	29.6	-50.8	Clear	No Odor
14:42	9	500	mL/min	73.00	7.16	1.03	1.31	2029	10	8.06	29.5	-50	Clear	No Odor
14:45	12	500	mL/min	73.00	7.16	1.02	1.31	2025	10	8.15	29.5	-50.3	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
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-83-180	Date(s):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:101.43 °F, rH:13%, Clouds: 0%, Wind:9.22mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	160-180	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	73.03	Total Depth (ft-bmp):	181.6	Water Column(ft):	108.57	Liters in Well:	67.07
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	170	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:57	Total Volume Purged (liters):	7.5	Sample ID:	MW-83-180-Q225	Sample Time:	14:13
Purge End Time:	14:12	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:00	0	500	mL/min	73.06	7.15	5.33	6.21	9558	22	6.29	30.3	-60.7	Clear	No Odor
14:03	3	500	mL/min	73.06	7.15	5.33	6.22	9568	13	6.45	30.3	-60.6	Clear	No Odor
14:06	6	500	mL/min	73.06	7.15	5.33	6.22	9501	11	6.62	30.2	-60.7	Clear	No Odor
14:09	9	500	mL/min	73.06	7.15	5.34	6.22	9571	11	6.21	30	-60.8	Clear	No Odor
14:12	12	500	mL/min	73.06	7.15	5.34	6.22	9577	11	6.25	30	-61.4	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
11	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-83-225	Date(s):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:99.59 °F, rH:13%, Clouds: 0%, Wind:4.61mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	205-225	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	74.02	Total Depth (ft-bmp):	224.74	Water Column(ft):	150.72	Liters in Well:	93.11
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	215	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:36	Total Volume Purged (liters):	7.5	Sample ID:	MW-83-225-Q225	Sample Time:	12:52
Purge End Time:	12:51	Well Volumes Purged (total):	0.08	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:39	0	500	mL/min	74.07	7.07	7.98	9.02	13884	23	4.46	30	-60.9	Clear	No Odor
12:42	3	500	mL/min	74.07	7.06	7.98	9.03	13731	16	5.02	29.9	-61	Clear	No Odor
12:45	6	500	mL/min	74.07	7.06	7.98	9.03	13893	14	4.87	30	-60.9	Clear	No Odor
12:48	9	500	mL/min	74.07	7.05	7.98	9.04	13784	14	5.22	29.9	-60.9	Clear	No Odor
12:51	12	500	mL/min	74.07	7.05	7.98	9.04	13909	14	4.84	29.9	-61	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
14	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:100.96 °F, rH:13%, Clouds: 0%, Wind:9.22mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	235-245	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	72.94	Total Depth (ft-bmp):	246.11	Water Column(ft):	173.17	Liters in Well:	106.98
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	240	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:05	Total Volume Purged (liters):	7.5	Sample ID:	MW-83-245-Q225	Sample Time:	13:21
Purge End Time:	13:20	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:08	0	500	mL/min	72.97	7.01	0.12	0.16	254	17	5.77	30	-62.5	Clear	No Odor
13:11	3	500	mL/min	72.97	7.01	0.12	0.16	256	10	6.04	30	-65.3	Clear	No Odor
13:14	6	500	mL/min	72.97	7.01	0.12	0.16	254	8	5.63	30.1	-63.6	Clear	No Odor
13:17	9	500	mL/min	72.97	7.02	0.12	0.16	252	8	5.84	30.3	-62	Clear	No Odor
13:20	12	500	mL/min	72.97	7.03	0.12	0.16	252	8	5.71	30.3	-60.3	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
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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): 2025-05-28

Work Order(s): PGE_Topock_2025_Q2_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): 42-57

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 44.59

Total Depth (ft-bmp): 58.15

Water Column(ft): 13.56

Liters in Well: 8.38

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 55

Purge Method: Low Flow

Purging Equipment: Submersible Pump

Purge Start Time: 09:32

Total Volume Purged (liters): 4.5

Sample ID: MW-84-057-Q225

Sample Time: 09:48

Purge End Time: 09:47

Well Volumes Purged (total): 0.54

Replicate Type / Replicate ID: N/A

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:32	0	300	mL/min	44.59	7.64	1.48	1.872	3649	16	2.97	29.1	117.9	Clear	No Odor
09:35	3	300	mL/min	44.59	7.41	1.27	1.612	2702	16	2.77	28.8	119.7	Clear	No Odor
09:38	6	300	mL/min	44.60	7.29	1.23	1.573	2599	16	2.21	28.9	120.2	Clear	No Odor
09:41	9	300	mL/min	44.61	7.28	1.23	1.566	2594	16	2.1	28.9	121.6	Clear	No Odor
09:44	12	300	mL/min	44.61	7.3	1.23	1.569	2596	16	2.13	29	124.4	Clear	No Odor
09:47	15	300	mL/min	44.61	7.31	1.23	1.572	2595	16	2.12	29	124.9	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:

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:



Description:

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):

2025-05-28

Work Order(s):

PGE_Topock_2025_Q2_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):

75-95

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

44.46

Total Depth (ft-bmp):

93.05

Water Column(ft):

48.59

Liters in Well:

30.02

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

90

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

09:08

Total Volume Purged (liters):

4.5

Sample ID:

MW-84-095-Q225

Sample Time:

09:24

Purge End Time:

09:23

Well Volumes Purged (total):

0.15

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:08	0	300	mL/min	44.46	7.4	3.52	4.179	6863	16	4.95	28.7	118.2	Clear	No Odor
09:11	3	300	mL/min	44.46	7.52	2.51	4.316	7106	13	2.7	28.7	111.2	Clear	No Odor
09:14	6	300	mL/min	44.46	7.53	3.47	4.176	6894	13	2.1	28.9	108.6	Clear	No Odor
09:17	9	300	mL/min	44.48	7.52	3.61	4.322	7156	12	1.53	28.9	107.5	Clear	No Odor
09:20	12	300	mL/min	44.48	7.54	3.61	4.32	7153	12	1.51	28.7	109.4	Clear	No Odor
09:23	15	300	mL/min	44.48	7.52	3.61	4.32	7155	12	1.53	28.6	109.1	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:

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:



Description:

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): 2025-05-28

Work Order(s): PGE_Topock_2025_Q2_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): 112-132

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 45.1

Total Depth (ft-bmp): 134.1

Water Column(ft): 89

Liters in Well: 54.98

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 130

Purge Method: Low Flow

Purging Equipment: Submersible Pump

Purge Start Time: 10:46

Total Volume Purged (liters): 4.5

Sample ID: MW-84-132-Q225

Sample Time: 11:02

Purge End Time: 11:01

Well Volumes Purged (total): 0.08

Replicate Type / Replicate ID: N/A

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:46	0	300	mL/min	45.10	7.27	4.72	5.44	9702	18	1.49	32	78	Clear	No Odor
10:49	3	300	mL/min	45.10	7.28	4.65	5.486	9456	18	1.1	31.2	79	Clear	No Odor
10:52	6	300	mL/min	45.14	7.29	4.64	5.473	9417	18	0.98	31.2	82.6	Clear	No Odor
10:55	9	300	mL/min	45.14	7.29	4.61	5.473	9336	18	0.92	30.7	85.8	Clear	No Odor
10:58	12	300	mL/min	45.16	7.31	4.61	5.475	9341	18	0.95	30.5	87.4	Clear	No Odor
11:01	15	300	mL/min	45.16	7.3	4.63	5.475	9343	18	0.92	30.5	88.9	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
18	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	173.2-193.2	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.14	Total Depth (ft-bmp):	194.4	Water Column(ft):	149.26	Liters in Well:	92.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	190	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:09	Total Volume Purged (liters):	4.5	Sample ID:	MW-84-193-Q225	Sample Time:	10:25
Purge End Time:	10:24	Well Volumes Purged (total):	0.05	Replicate Type / Replicate ID:	Duplicate / MW-923-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:09	0	300	mL/min	45.17	7.1	6.35	7.416	14332	8	2.05	39	119	Clear	No Odor
10:12	3	300	mL/min	45.17	7.08	6.4	7.553	14527	8	1.05	38.1	108.5	Clear	No Odor
10:15	6	300	mL/min	45.17	7.03	6.51	7.579	14680	8	0.85	38.6	104.9	Clear	No Odor
10:18	9	300	mL/min	45.17	7	6.52	7.585	14731	8	0.78	38.7	102.6	Clear	No Odor
10:21	12	300	mL/min	45.17	7.02	6.55	7.581	14734	8	0.81	38.9	1025.4	Clear	No Odor
10:24	15	300	mL/min	45.17	7.02	6.55	7.586	14739	8	0.84	38.9	102.4	Clear	No Odor

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

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:



Description:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:82.49 °F, rH:17%, Clouds: 0%, Wind:0mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113.8-129	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	113.72	Total Depth (ft-bmp):	131.22	Water Column(ft):	17.5	Liters in Well:	10.81
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	121	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	08:59	Total Volume Purged (liters):	3.75	Sample ID:	MW-85-129-Q225	Sample Time:	09:15
Purge End Time:	09:14	Well Volumes Purged (total):	0.35	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:02	0	500	mL/min	113.75	7.06	1.14	1.46	2250	10	9.36	28.8	-22.8	Clear	No Odor
09:05	3	500	mL/min	113.75	7.08	1.14	1.45	2246	8	9.09	28.8	-23.2	Clear	No Odor
09:08	6	500	mL/min	113.75	7.08	1.14	1.45	2232	7	9.22	28.6	-16.5	Clear	No Odor
09:11	9	500	mL/min	113.75	7.08	1.14	1.45	2233	7	9.31	28.7	-16.8	Clear	No Odor
09:14	12	500	mL/min	113.75	7.08	1.14	1.45	2231	7	9.4	28.7	-15.8	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:

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:

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):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:87.67 °F, rH:16%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	196.7-216.7	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	113.24	Total Depth (ft-bmp):	217.4	Water Column(ft):	104.16	Liters in Well:	64.35
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	206	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:42	Total Volume Purged (liters):	7.5	Sample ID:	MW-85-217-Q225	Sample Time:	09:58
Purge End Time:	09:57	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:45	0	500	mL/min	113.28	7.08	4.42	5.24	8055	17	6.51	31.5	-35.2	Clear	No Odor
09:48	3	500	mL/min	113.28	7.08	4.42	5.23	8054	12	6.49	31.6	-35.1	Clear	No Odor
09:51	6	500	mL/min	113.28	7.11	4.42	5.22	8004	10	6.8	31	-40.2	Clear	No Odor
09:54	9	500	mL/min	113.28	7.1	4.4	5.21	8024	10	6.83	30.9	-40.4	Clear	No Odor
09:57	12	500	mL/min	113.28	7.09	4.3	5.1	8088	10	6.7	31.6	-40.3	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
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-85-237	Date(s):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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:93.22 °F, rH:15%, Clouds: 0%, Wind:3.44mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	226.7-236.7	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	113.57	Total Depth (ft-bmp):	238	Water Column(ft):	124.43	Liters in Well:	76.87
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	231	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:59	Total Volume Purged (liters):	7.5	Sample ID:	MW-85-237-Q225	Sample Time:	11:15
Purge End Time:	11:14	Well Volumes Purged (total):	0.10	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:02	0	500	mL/min	113.60	7.03	7.39	8.41	12933	19	7.53	30.1	-43.6	Clear	No Odor
11:05	3	500	mL/min	113.60	6.86	7.4	8.46	13013	11	8.61	31.5	-32.1	Clear	No Odor
11:08	6	500	mL/min	113.60	6.85	7.44	8.46	13049	9	8.21	31.1	-30.8	Clear	No Odor
11:11	9	500	mL/min	113.60	6.86	7.4	8.42	13031	9	7.93	30.9	-30.7	Clear	No Odor
11:14	12	500	mL/min	113.60	6.85	7.45	8.48	13064	9	8.02	30.6	-31.5	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)	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:

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:

Location ID:	MW-86-030	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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):	10-30	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	12.14	Total Depth (ft-bmp):	31.68	Water Column(ft):	19.54	Liters in Well:	12.07
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	25	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:56	Total Volume Purged (liters):	4.5	Sample ID:	MW-86-030-Q225	Sample Time:	10:12
Purge End Time:	10:11	Well Volumes Purged (total):	0.37	Replicate Type / Replicate ID:	MS/MSD / MW-86-030-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:56	0	300	mL/min	12.14	6.92	0.79	1.02	1484	12	0.51	22.1	48.1	Clear	No Odor
09:59	3	300	mL/min	12.14	6.89	0.78	1.007	1457	12	0.3	22.1	33.5	Clear	No Odor
10:02	6	300	mL/min	12.15	6.95	0.78	1.014	1474	12	0.27	22.3	33.6	Clear	No Odor
10:05	9	300	mL/min	12.15	6.97	0.79	1.014	1477	12	0.25	22.3	33	Clear	No Odor
10:08	12	300	mL/min	12.15	6.95	0.82	1.012	1474	11	0.27	22.3	31.4	Clear	No Odor
10:11	15	300	mL/min	12.16	6.93	0.82	1.011	1472	11	0.26	22.1	31.9	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

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



Description:



Description:

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):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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):	46-66	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	12.16	Total Depth (ft-bmp):	69.28	Water Column(ft):	57.12	Liters in Well:	35.29
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	63	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:25	Total Volume Purged (liters):	4.5	Sample ID:	MW-86-066-Q225	Sample Time:	10:41
Purge End Time:	10:40	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:25	0	300	mL/min	12.16	6.93	4.95	5.772	8431	10	0.83	22.2	49.4	Clear	No Odor
10:28	3	300	mL/min	12.16	7.33	4.92	5.72	8302	10	0.77	22	69.9	Clear	No Odor
10:31	6	300	mL/min	12.17	7.44	4.33	5.726	8247	10	0.63	21.6	91.1	Clear	No Odor
10:34	9	300	mL/min	12.17	7.46	4.93	5.733	8251	10	0.63	21.7	93.1	Clear	No Odor
10:37	12	300	mL/min	12.17	7.44	4.93	5.731	8253	10	0.61	21.6	93.5	Clear	No Odor
10:40	15	300	mL/min	12.17	7.43	4.93	5.733	8251	10	0.63	21.6	93.2	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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:



Description:



Description:

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-86-120	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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):	100-120	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	13.26	Total Depth (ft-bmp):	123.3	Water Column(ft):	110.04	Liters in Well:	67.98
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	115	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	11:17	Total Volume Purged (liters):	4.5	Sample ID:	MW-86-120-Q225	Sample Time:	11:33
Purge End Time:	11:32	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Equipment Blank / EB-729-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:17	0	300	mL/min	13.26	7.18	6.83	7.644	11669	13	0.6	24.5	49.5	Clear	No Odor
11:20	3	300	mL/min	13.26	6.51	6.89	7.858	12510	13	0.2	27	-36.4	Clear	No Odor
11:23	6	300	mL/min	13.26	6.45	7	8.047	12794	13	0.16	26.8	-61.4	Clear	No Odor
11:26	9	300	mL/min	13.26	6.44	7.08	8.053	12821	13	0.16	26.9	-65.8	Clear	No Odor
11:29	12	300	mL/min	13.26	6.46	7.08	8.051	12822	13	0.14	26.7	-66.4	Clear	No Odor
11:32	15	300	mL/min	13.26	6.44	7.08	8.053	12821	13	0.12	26.5	-66.4	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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



Description:



Description:

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): 2025-05-15

Work Order(s): PGE_Topock_2025_Q2_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): 130-140

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 13.2

Total Depth (ft-bmp): 143.24

Water Column(ft): 130.04

Liters in Well: 80.34

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 135

Purge Method: Low Flow

Purging Equipment: Peristaltic Pump

Purge Start Time: 10:49

Total Volume Purged (liters): 4.5

Sample ID: MW-86-140-Q225

Sample Time: 11:05

Purge End Time: 11:04

Well Volumes Purged (total): 0.06

Replicate Type / Replicate ID: N/A

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:49	0	300	mL/min	13.20	6.38	9.91	10.94	16011	16	0.38	22.4	-50.2	Clear	No Odor
10:52	3	300	mL/min	13.22	6.34	10.03	11.06	16134	14	0.32	22.3	-54.9	Clear	No Odor
10:55	6	300	mL/min	13.22	6.41	9.35	11.01	15999	14	0.28	22	-69.4	Clear	No Odor
10:58	9	300	mL/min	13.24	6.46	9.98	11.01	15990	14	0.2	21	-75.2	Clear	No Odor
11:01	12	300	mL/min	13.25	6.44	9.99	11.01	15992	14	0.22	21	-75.1	Clear	No Odor
11:04	15	300	mL/min	13.25	6.45	9.99	11.03	15993	14	0.21	21	-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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

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


Description:

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):

2025-05-16

Work Order(s):

PGE_Topock_2025_Q2_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:

Screen Setting (ft-bgs):

89-109

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

90.87

Total Depth (ft-bmp):

110.77

Water Column(ft):

19.9

Liters in Well:

12.29

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

100

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

08:09

Total Volume Purged (liters):

10

Sample ID:

MW-87-109-Q225

Sample Time:

08:30

Purge End Time:

08:29

Well Volumes Purged (total):

0.81

Replicate Type / Replicate ID:

Equipment Blank / EB-730-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:09	0	500	mL/min	90.87	7.82	1.6	2	3017	59	2.97	28.3	65.3	Clear	No Odor
08:13	4	500	mL/min	90.93	7.83	1.53	1.91	3001	41	2.77	28.4	60.6	Clear	No Odor
08:17	8	500	mL/min	90.93	7.85	1.53	1.91	2992	34	2.69	28.4	57.8	Clear	No Odor
08:21	12	500	mL/min	90.93	7.85	1.53	1.91	2989	29	2.65	28.4	57.2	Clear	No Odor
08:25	16	500	mL/min	90.93	7.85	1.53	1.91	2985	28	2.65	28.4	56.5	Clear	No Odor
08:29	20	500	mL/min	90.93	7.84	1.53	1.91	2984	28	2.62	28.5	56.2	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)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
28	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-16	Work Order(s):	PGE_Topock_2025_Q2_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):	119-139	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	90.82	Total Depth (ft-bmp):	140.91	Water Column(ft):	50.09	Liters in Well:	30.94
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	129	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	07:24	Total Volume Purged (liters):	10	Sample ID:	MW-87-139-Q225	Sample Time:	07:45
Purge End Time:	07:44	Well Volumes Purged (total):	0.32	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:24	0	500	mL/min	90.82	7.53	4.07	4.84	7655	39	2.51	29.3	77.6	Clear	No Odor
07:28	4	500	mL/min	90.88	7.57	4.07	4.84	7641	25	2.29	29.5	72.5	Clear	No Odor
07:32	8	500	mL/min	90.88	7.58	4.07	4.84	7635	19	2.21	29.6	70.9	Clear	No Odor
07:36	12	500	mL/min	90.88	7.58	4.07	4.84	7631	15	2.17	29.6	68.7	Clear	No Odor
07:40	16	500	mL/min	90.88	7.59	4.07	4.84	7627	14	2.12	29.7	66.9	Clear	No Odor
07:44	20	500	mL/min	90.88	7.59	4.07	4.84	7626	14	2.09	29.7	65.5	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)	Plastic	1	500 mL	HNO3

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:

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:

Location ID:

MW-87-192

Date(s):

2025-05-16

Work Order(s):

PGE_Topock_2025_Q2_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:76.75 °F, rH:26%, Clouds: 0%, Wind:5.46mph SE

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

172-192

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

91.22

Total Depth (ft-bmp):

193.13

Water Column(ft):

101.91

Liters in Well:

62.96

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

182

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

07:35

Total Volume Purged (liters):

7.5

Sample ID:

MW-87-192-Q225

Sample Time:

07:51

Purge End Time:

07:50

Well Volumes Purged (total):

0.12

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:38	0	500	mL/min	91.25	7.17	4.79	5.61	8651	27	7.75	28.1	19.8	Clear	No Odor
07:41	3	500	mL/min	91.25	7.22	4.82	5.65	8651	12	4.81	28.5	14.1	Clear	No Odor
07:44	6	500	mL/min	91.25	7.23	5.04	5.89	9062	8	5.12	28.6	13.5	Clear	No Odor
07:47	9	500	mL/min	91.25	7.24	5.04	5.89	9067	8	5.35	28.7	15.6	Clear	No Odor
07:50	12	500	mL/min	91.25	7.25	5.04	5.89	9054	8	5.49	28.7	15.5	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)	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:

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:

Location ID: MW-87-275

Date(s): 2025-05-16

Work Order(s): PGE_Topock_2025_Q2_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:75.81 °F, rH:19%, Clouds: 0%, Wind:5.44mph S-SE

Field Technician: Riggie T

Measuring Pt. Description: Top of Inner Casing

Screen Setting (ft-bgs): 255-275

Casing Diameter (in): 2

Well Casing Material:

Static Water Level (ft-bmp): 91.18

Total Depth (ft-bmp): 276.17

Water Column(ft): 184.99

Liters in Well: 114.28

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 265

Purge Method: Low Flow

Purging Equipment: Submersible Pump

Purge Start Time: 08:15

Total Volume Purged (liters): 7.5

Sample ID: MW-87-275-Q225

Sample Time: 08:31

Purge End Time: 08:30

Well Volumes Purged (total): 0.07

Replicate Type / Replicate ID: Equipment Blank / EB-731-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:18	0	500	mL/min	91.20	7	5.79	6.68	10311	13	6.05	28.7	10.3	Clear	No Odor
08:21	3	500	mL/min	91.20	7.02	5.8	6.71	10329	10	5.8	28.8	14.3	Clear	No Odor
08:24	6	500	mL/min	91.20	7.05	5.8	6.71	10325	10	5.74	29	13.6	Clear	No Odor
08:27	9	500	mL/min	91.20	7.07	5.8	6.71	10327	10	5.52	29	14.9	Clear	No Odor
08:30	12	500	mL/min	91.20	7.07	5.8	6.72	10331	10	5.31	29.1	14.8	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
10	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	MW-88-107	Date(s):	2025-05-22	Work Order(s):	PGE_Topock_2025_Q2_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):	87-107	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	90.35	Total Depth (ft-bmp):	108.85	Water Column(ft):	18.5	Liters in Well:	11.43
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	14:21	Total Volume Purged (liters):	4.5	Sample ID:	MW-88-107-Q225	Sample Time:	14:37
Purge End Time:	14:36	Well Volumes Purged (total):	0.39	Replicate Type / Replicate ID:	Duplicate / MW-924-Q225 Equipment Blank / EB-744-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:21	0	300	mL/min	90.35	7.69	0.81	1.04	1842	16	2.85	36.2	95.1	Clear	No Odor
14:24	3	300	mL/min	90.35	7.61	1.04	1.346	2306	16	2.42	34.2	85.7	Clear	No Odor
14:27	6	300	mL/min	90.37	7.57	1.19	1.527	2672	14	4.28	30.3	85.8	Clear	No Odor
14:30	9	300	mL/min	90.37	7.53	1.2	1.534	2598	14	3.48	30.3	85.5	Clear	No Odor
14:33	12	300	mL/min	90.37	7.55	1.2	1.532	2595	14	3.51	30.1	85.9	Clear	No Odor
14:36	15	300	mL/min	90.38	7.52	1.22	1.535	2593	14	3.53	30.3	86.4	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	2	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	2	1 L	None
Chromium, Hexavalent (EPA 218.6)	Plastic	2	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
14	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:



Description:

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):	2025-06-11	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	clear	Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	163.2-183.2	Casing Diameter (in):	2
Static Water Level (ft-bmp):	131.31	Total Depth (ft-bmp):	185.19	Water Column(ft):	53.88
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	173	Purge Method:	Low Flow
Purge Start Time:	08:33	Total Volume Purged (liters):	7.5	Sample ID:	MW-89-183-Q225
Purge End Time:	08:48	Well Volumes Purged (total):	0.23	Replicate Type / Replicate ID:	N/A
Well Casing Material:	PVC	Liters in Well:	33.29	Purging Equipment:	Submersible Pump
Sample Time:	08:49	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /		

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:36	0	500	mL/min	131.33	7.35	3.88	4.65	7152	24	4.15	33.6	21.1	Clear	No Odor
08:39	3	500	mL/min	131.33	7.31	3.83	4.58	7106	22	3.72	33.8	22.5	Clear	No Odor
08:42	6	500	mL/min	131.33	7.3	3.84	4.61	7106	22	3.75	33.8	25	Clear	No Odor
08:45	9	500	mL/min	131.33	7.3	3.86	4.63	7126	20	3.56	34	24.2	Clear	No Odor
08:48	12	500	mL/min	131.33	7.3	3.86	4.64	7147	20	3.82	34.1	23.8	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
20	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):

2025-06-11

Work Order(s):

PGE_Topock_2025_Q2_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 T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

253.2-273.2

Casing Diameter (in):

2

Well Casing Material:

PVC

Static Water Level (ft-bmp):

131.32

Total Depth (ft-bmp):

274.7

Water Column(ft):

143.38

Liters in Well:

88.58

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

263

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

09:33

Total Volume Purged (liters):

7.5

Sample ID:

MW-89-273-Q225

Sample Time:

09:49

Purge End Time:

09:48

Well Volumes Purged (total):

0.08

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:36	0	500	mL/min	131.35	7.22	4.05	4.86	7437	46	4.46	33.6	11	Clear	No Odor
09:39	3	500	mL/min	131.35	7.22	4.04	4.83	7429	43	4.59	33.5	11.8	Clear	No Odor
09:42	6	500	mL/min	131.35	7.27	4.04	4.82	7407	40	4.85	33.4	15.8	Clear	No Odor
09:45	9	500	mL/min	131.35	7.3	4.03	4.81	7404	39	4.75	33.5	17.4	Clear	No Odor
09:48	12	500	mL/min	131.35	7.31	4.03	4.82	7408	38	4.81	33.2	18.2	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)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
38	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:

MW-90-031

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

21.5-31.5

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

5.87

Total Depth (ft-bmp):

31.3

Water Column(ft):

25.43

Liters in Well:

15.71

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

29

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

13:06

Total Volume Purged (liters):

10

Sample ID:

MW-90-031-Q225

Sample Time:

13:27

Purge End Time:

13:26

Well Volumes Purged (total):

0.64

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:06	0	500	mL/min	5.87	8.94	10.07	8.62	17430	10	1.1	26.14	-90.6	Clear	No Odor
13:10	4	500	mL/min	5.87	8.73	9.99	8.62	17070	10	1.04	25.99	-90.2	Clear	No Odor
13:14	8	500	mL/min	5.87	8.62	9.84	8.4	16900	9	0.98	25.96	-97.9	Clear	No Odor
13:18	12	500	mL/min	5.87	8.54	9.84	8.4	16740	9	0.98	25.92	-99.2	Clear	No Odor
13:22	16	500	mL/min	5.87	8.5	9.84	8.4	16730	9	0.94	25.93	-99.7	Clear	No Odor
13:26	20	500	mL/min	5.87	8.48	9.84	8.4	16720	9	0.94	25.93	-100.1	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-91-045

Date(s):

2025-05-20

Work Order(s):

PGE_Topock_2025_Q2_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):

24.2-44.2

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

8.56

Total Depth (ft-bmp):

46.9

Water Column(ft):

38.34

Liters in Well:

23.69

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

91

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

08:23

Total Volume Purged (liters):

10

Sample ID:

MW-91-045-Q225

Sample Time:

08:44

Purge End Time:

08:43

Well Volumes Purged (total):

0.42

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:23	0	500	mL/min	8.56	8.04	1.06	1.05	2089	15	0.1	26.49	43.8	Clear	No Odor
08:27	4	500	mL/min	8.56	7.35	1.06	1.05	2048	12	0.14	26.51	39.4	Clear	No Odor
08:31	8	500	mL/min	8.56	7.42	1.06	1.05	2025	9	0.15	26.51	38.4	Clear	No Odor
08:35	12	500	mL/min	8.56	7.46	1.06	1.05	2021	9	0.17	26.49	37.8	Clear	No Odor
08:39	16	500	mL/min	8.56	7.44	1.06	1.05	2016	9	0.17	26.5	37.4	Clear	No Odor
08:43	20	500	mL/min	8.56	7.48	1.06	1.05	2015	9	0.2	26.52	36.8	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:

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:



Description:

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-91-120

Date(s):

2025-05-20

Work Order(s):

PGE_Topock_2025_Q2_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):

99.8-119.8

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

9.17

Total Depth (ft-bmp):

122

Water Column(ft):

112.83

Liters in Well:

69.7

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

119

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

08:58

Total Volume Purged (liters):

10

Sample ID:

MW-91-120-Q225

Sample Time:

09:19

Purge End Time:

09:18

Well Volumes Purged (total):

0.14

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:58	0	500	mL/min	9.17	7.41	5.4	4.82	9683	9	0.19	26.38	-54.9	Clear	No Odor
09:02	4	500	mL/min	9.17	7.45	5.38	4.81	9612	8	0.26	26.44	-13.9	Clear	No Odor
09:06	8	500	mL/min	9.17	7.46	5.38	4.81	9609	8	0.26	26.47	-7	Clear	No Odor
09:10	12	500	mL/min	9.17	7.48	5.38	4.81	9613	8	0.26	26.47	-0.5	Clear	No Odor
09:14	16	500	mL/min	9.17	7.48	5.38	4.81	9603	8	0.25	26.48	2.3	Clear	No Odor
09:18	20	500	mL/min	9.17	7.46	5.38	4.81	9617	8	0.24	26.48	2.8	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:

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:



Description:

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-91-170

Date(s):

2025-05-20

Work Order(s):

PGE_Topock_2025_Q2_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):

150.8-170.8

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

9.24

Total Depth (ft-bmp):

172.63

Water Column(ft):

163.39

Liters in Well:

100.94

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

165

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

10:37

Total Volume Purged (liters):

10

Sample ID:

MW-91-170-Q225

Sample Time:

10:59

Purge End Time:

10:57

Well Volumes Purged (total):

0.10

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:37	0	500	mL/min	9.24	7.86	8.17	7.09	15500	10	1	27.47	-426.7	Clear	No Odor
10:41	4	500	mL/min	9.24	7.93	7.3	6.38	13050	10	0.94	26.85	-394.3	Clear	No Odor
10:45	8	500	mL/min	9.24	8.1	7.3	6.38	12580	10	0.92	26.5	-285	Clear	No Odor
10:49	12	500	mL/min	9.24	8.14	7.18	6.38	12560	9	0.87	26.48	-263.5	Clear	No Odor
10:53	16	500	mL/min	9.24	8.14	7.18	6.38	12560	9	0.84	26.49	-262.7	Clear	No Odor
10:57	20	500	mL/min	9.24	8.13	7.18	6.38	12550	9	0.8	26.5	-262.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, total 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

Well Inspection Comments:

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-91-320

Date(s):

2025-05-20

Work Order(s):

PGE_Topock_2025_Q2_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):

300.8-320.8

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

6.51

Total Depth (ft-bmp):

321.5

Water Column(ft):

314.99

Liters in Well:

194.59

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

319

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

10:08

Total Volume Purged (liters):

10

Sample ID:

MW-91-320-Q225

Sample Time:

10:29

Purge End Time:

10:28

Well Volumes Purged (total):

0.05

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:08	0	500	mL/min	6.51	7.23	19.96	16.07	31300	10	0.25	30.18	-328.7	Clear	No Odor
10:12	4	500	mL/min	6.51	7.34	19.96	16.07	32630	10	0.27	30.19	-375.1	Clear	No Odor
10:16	8	500	mL/min	6.51	7.38	19.96	16.07	32770	10	0.3	30.14	-386.3	Clear	No Odor
10:20	12	500	mL/min	6.51	7.45	19.96	16.07	33050	10	0.34	30	-387.9	Clear	No Odor
10:24	16	500	mL/min	6.51	7.47	19.96	16.07	33060	10	0.37	30	-387.4	Clear	No Odor
10:28	20	500	mL/min	6.51	7.48	19.96	16.07	33060	10	0.4	30	-387.1	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
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-92-037	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	17-37	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.11	Total Depth (ft-bmp):	40.58	Water Column(ft):	35.47	Liters in Well:	21.91
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	27	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:24	Total Volume Purged (liters):	7.5	Sample ID:	MW-92-037-Q225	Sample Time:	09:40
Purge End Time:	09:39	Well Volumes Purged (total):	0.34	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:27	0	500	mL/min	5.13	7.39	0.81	1.04	1611	9	0.27	27.4	-127.6	Clear	No Odor
09:30	3	500	mL/min	5.13	7.38	0.8	1.04	1602	6	0.17	27.4	-137.9	Clear	No Odor
09:33	6	500	mL/min	5.13	7.35	0.8	1.03	1596	4	0.12	27.3	-145.8	Clear	No Odor
09:36	9	500	mL/min	5.13	7.33	0.8	1.03	1591	4	0.12	27.3	-150.5	Clear	No Odor
09:39	12	500	mL/min	5.13	7.32	0.8	1.03	1587	4	0.11	27.3	-155.6	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
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

ft-bmp = feet below measuring point	uS/cm = microSiemens per centimeter	mV = millivolts
in = inches	NTU = Nephelometric Turbidity Unit	°F = degrees Fahrenheit
ft = feet	mg/L = milligrams per liter	°C = degrees Celsius
mL/min = milliliters per minute	S.U = standard units	gpm = gallons per minute
	mS/cm = milliSiemens per centimeter	

Location ID:	MW-92-072	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	52-72	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.12	Total Depth (ft-bmp):	75.5	Water Column(ft):	70.38	Liters in Well:	43.48
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	62	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:49	Total Volume Purged (liters):	7.5	Sample ID:	MW-92-072-Q225	Sample Time:	10:05
Purge End Time:	10:04	Well Volumes Purged (total):	0.17	Replicate Type / Replicate ID:	Duplicate / MW-925-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:52	0	500	mL/min	5.15	7.31	1.13	1.44	2217	12	0.12	28	-35.5	Clear	No Odor
09:55	3	500	mL/min	5.15	7.3	1.13	1.44	2221	8	0.1	27.9	-34.3	Clear	No Odor
09:58	6	500	mL/min	5.15	7.29	1.13	1.44	2217	5	0.08	28	-32.2	Clear	No Odor
10:01	9	500	mL/min	5.15	7.29	1.13	1.44	2218	5	0.06	28.1	-31.9	Clear	No Odor
10:04	12	500	mL/min	5.15	7.3	1.13	1.44	2220	5	0.06	28.1	-32.2	Clear	No Odor

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

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:

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-92-102	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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:81.97 °F, rH:11%, Clouds: 0%, Wind:2.1mph E-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	82-102	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.49	Total Depth (ft-bmp):	106.59	Water Column(ft):	101.1	Liters in Well:	62.46
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	92	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:35	Total Volume Purged (liters):	7.5	Sample ID:	MW-92-102-Q225	Sample Time:	08:51
Purge End Time:	08:50	Well Volumes Purged (total):	0.12	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:38	0	500	mL/min	5.50	7.41	1.58	1.98	3055	16	0.57	27.5	-17.6	Clear	No Odor
08:41	3	500	mL/min	5.50	7.41	1.58	1.98	3055	12	0.48	27.6	-17.2	Clear	No Odor
08:44	6	500	mL/min	5.50	7.41	1.58	1.98	3055	10	0.48	27.6	-17	Clear	No Odor
08:47	9	500	mL/min	5.50	7.41	1.58	1.98	3055	10	0.44	27.6	-16.8	Clear	No Odor
08:50	12	500	mL/min	5.50	7.4	1.58	1.98	3052	10	0.38	27.6	-16.3	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
10	1	1

Comments: None

Well Information:

Well Labeled Properly:	yes
Is Well in Good Condition?	good
Well Inspection Comments:	

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:

Location ID:	MW-92-122	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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:82.96 °F, rH:11%, Clouds: 0%, Wind:2.1mph E-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	112-122	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	5.82	Total Depth (ft-bmp):	126.02	Water Column(ft):	120.2	Liters in Well:	74.26
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	117	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	08:59	Total Volume Purged (liters):	7.5	Sample ID:	MW-92-122-Q225	Sample Time:	09:15
Purge End Time:	09:14	Well Volumes Purged (total):	0.10	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:02	0	500	mL/min	5.85	7.34	6.15	7.08	10891	10	1.17	27.9	-130	Clear	No Odor
09:05	3	500	mL/min	5.85	7.33	7.32	8.32	12632	9	0.58	28.1	-183.5	Clear	No Odor
09:08	6	500	mL/min	5.85	7.32	7.47	8.48	12941	7	0.48	28.1	-185.4	Clear	No Odor
09:11	9	500	mL/min	5.85	7.33	7.55	8.56	13140	7	0.42	28.1	-188.8	Clear	No Odor
09:14	12	500	mL/min	5.85	7.34	7.59	8.6	13183	7	0.39	28.1	-190.2	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)	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:

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:

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):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	30-50	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	30.26	Total Depth (ft-bmp):	51.65	Water Column(ft):	21.39	Liters in Well:	13.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	45	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:25	Total Volume Purged (liters):	4.5	Sample ID:	MW-93-050-Q225	Sample Time:	12:41
Purge End Time:	12:40	Well Volumes Purged (total):	0.34	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:25	0	300	mL/min	30.26	7.42	4.04	4.681	8026	13	2.26	27.4	90.7	Clear	No Odor
12:28	3	300	mL/min	30.27	7.62	3	3.64	5932	13	2.15	27.9	98.3	Clear	No Odor
12:31	6	300	mL/min	30.28	7.66	2.85	3.494	6620	13	2.04	27.9	100.2	Clear	No Odor
12:34	9	300	mL/min	30.28	7.68	2.82	3.425	5562	12	2.03	27.9	100.7	Clear	No Odor
12:37	12	300	mL/min	30.28	7.69	2.82	3.422	5565	12	2.01	27.9	100.2	Clear	No Odor
12:40	15	300	mL/min	30.28	7.68	2.82	3.422	5564	12	2	27.8	100.6	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
12	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	193-213	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	30.51	Total Depth (ft-bmp):	214.53	Water Column(ft):	184.02	Liters in Well:	113.68
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	210	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	12:02	Total Volume Purged (liters):	4.5	Sample ID:	MW-93-213-Q225	Sample Time:	12:18
Purge End Time:	12:17	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:02	0	300	mL/min	30.51	7.18	7.82	8.931	15728	7	3.77	32.2	62.7	Clear	No Odor
12:05	3	300	mL/min	30.53	7.3	7.35	8.404	14851	7	1.55	32.7	77.8	Clear	No Odor
12:08	6	300	mL/min	30.53	7.33	7.27	8.32	14711	7	0.82	32.8	84.6	Clear	No Odor
12:11	9	300	mL/min	30.53	7.33	7.27	8.31	14745	7	0.88	33.1	85.4	Clear	No Odor
12:14	12	300	mL/min	30.55	7.35	7.27	8.312	14743	7	0.87	33.1	85.2	Clear	No Odor
12:17	15	300	mL/min	30.55	7.35	7.27	8.315	14741	7	0.85	33.1	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
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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-94-030	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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:73.85 °F, rH:22%, Clouds: 0%, Wind:7.72mph W-SW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	10-30	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	10.97	Total Depth (ft-bmp):	32.66	Water Column(ft):	21.69	Liters in Well:	13.4
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	22	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	09:48	Total Volume Purged (liters):	7.5	Sample ID:	MW-94-030-Q225	Sample Time:	10:04
Purge End Time:	10:03	Well Volumes Purged (total):	0.56	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:51	0	500	mL/min	11.00	7.34	0.75	0.97	1501	33	5.43	31.5	6.1	Clear	No Odor
09:54	3	500	mL/min	11.00	7.35	0.74	0.97	1498	11	5.27	31.6	4.9	Clear	No Odor
09:57	6	500	mL/min	11.00	7.34	0.74	0.97	1497	11	5.3	31	5.2	Clear	No Odor
10:00	9	500	mL/min	11.00	7.33	0.74	0.97	1496	11	5.29	31.6	5.4	Clear	No Odor
10:03	12	500	mL/min	11.00	7.34	0.74	0.97	1497	11	5.32	31.6	5.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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-94-100

Date(s):

2025-05-13

Work Order(s):

PGE_Topock_2025_Q2_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:74.86 °F, rH:22%, Clouds: 0%, Wind:7.72mph W-SW

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

70-100

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

10.7

Total Depth (ft-bmp):

102.6

Water Column(ft):

91.9

Liters in Well:

56.77

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

85

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

10:11

Total Volume Purged (liters):

7.5

Sample ID:

MW-94-100-Q225

Sample Time:

10:27

Purge End Time:

10:26

Well Volumes Purged (total):

0.13

Replicate Type / Replicate ID:

Duplicate / MW-926-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:14	0	500	mL/min	10.71	7.35	0.81	1.05	1615	49	1.6	32.7	-4.8	Clear	No Odor
10:17	3	500	mL/min	10.71	7.38	0.81	1.05	1624	21	1.57	32.8	-6.3	Clear	No Odor
10:20	6	500	mL/min	10.71	7.4	0.81	1.05	1626	16	1.63	32.8	-7.1	Clear	No Odor
10:23	9	500	mL/min	10.71	7.41	0.81	1.05	1625	16	1.58	33	-7.2	Clear	No Odor
10:26	12	500	mL/min	10.71	7.42	0.81	1.06	1634	16	1.61	33.3	-7.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	2	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	2	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	2	500 mL	None
Total organic carbon (SW 9060A)	Plastic	2	125 mL	HCl
Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used		
16	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:



Description:

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-94-175	Date(s):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	155-175	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	9.36	Total Depth (ft-bmp):	175	Water Column(ft):	165.64	Liters in Well:	102.33
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	165	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	10:46	Total Volume Purged (liters):	7.5	Sample ID:	MW-94-175-Q225	Sample Time:	11:02
Purge End Time:	11:01	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	Equipment Blank / EB-721-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:49	0	500	mL/min	9.38	7.43	0.49	0.65	1009	30	1.89	32.2	-7.6	Clear	No Odor
10:52	3	500	mL/min	9.38	7.46	0.49	0.65	1007	10	2.04	32.4	-5.8	Clear	No Odor
10:55	6	500	mL/min	9.38	7.47	0.49	0.65	1009	7	1.98	32.4	-7.2	Clear	No Odor
10:58	9	500	mL/min	9.38	7.47	0.49	0.65	1009	7	2	32.6	-7.1	Clear	No Odor
11:01	12	500	mL/min	9.38	7.48	0.49	0.65	1009	7	1.96	33.1	-6.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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-95-113

Date(s):

2025-05-29

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

Partly Cloudy

Field Technician:

Nara Tep

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

93-113

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

97.43

Total Depth (ft-bmp):

117.71

Water Column(ft):

20.28

Liters in Well:

12.53

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

108

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

09:34

Total Volume Purged (liters):

10

Sample ID:

MW-95-113-Q225

Sample Time:

09:55

Purge End Time:

09:54

Well Volumes Purged (total):

0.80

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:34	0	500	mL/min	97.43	7.87	0.78	1.02	1568	59	3.18	31.4	56.3	Clear	No Odor
09:38	4	500	mL/min	97.49	7.84	0.78	1.02	1571	44	3.11	31.5	54.9	Clear	No Odor
09:42	8	500	mL/min	97.49	7.84	0.78	1.02	1575	29	3.03	31.5	54.1	Clear	No Odor
09:46	12	500	mL/min	97.49	7.82	0.78	1.02	1576	25	3.05	31.6	52.9	Clear	No Odor
09:50	16	500	mL/min	97.49	7.82	0.78	1.02	1578	24	3.09	31.6	53.5	Clear	No Odor
09:54	20	500	mL/min	97.49	7.81	0.78	1.02	1579	24	3.06	31.6	53.9	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
24	1	1

Comments: None

Well Information:

Well Labeled Properly:

yes

Is Well in Good Condition?

good

Well Inspection Comments:

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:

Location ID:	MW-95-157	Date(s):	2025-05-29	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	Partly Cloudy			Field Technician:	Nara Tep		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	137-157	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	97.36	Total Depth (ft-bmp):	161.46	Water Column(ft):	64.1	Liters in Well:	39.6
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	147	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	08:49	Total Volume Purged (liters):	10	Sample ID:	MW-95-157-Q225	Sample Time:	09:10
Purge End Time:	09:09	Well Volumes Purged (total):	0.25	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:49	0	500	mL/min	97.36	7.78	2.93	3.56	5788	31	1.87	31.1	67.3	Clear	No Odor
08:53	4	500	mL/min	97.41	7.75	2.93	3.56	5792	20	1.81	31.3	65.5	Clear	No Odor
08:57	8	500	mL/min	97.41	7.74	2.93	3.56	5795	13	1.77	31.5	62.9	Clear	No Odor
09:01	12	500	mL/min	97.41	7.74	2.93	3.56	5796	9	1.72	31.5	62.1	Clear	No Odor
09:05	16	500	mL/min	97.41	7.73	2.93	3.56	5794	9	1.73	31.5	60.6	Clear	No Odor
09:09	20	500	mL/min	97.41	7.72	2.93	3.56	5793	9	1.71	31.5	60.1	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
9	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-96-045	Date(s):	2025-05-28	Work Order(s):	PGE_Topock_2025_Q2_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):	25-45	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	27.92	Total Depth (ft-bmp):	46.81	Water Column(ft):	18.89	Liters in Well:	11.67
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	38	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	13:35	Total Volume Purged (liters):	10	Sample ID:	MW-96-045-Q225	Sample Time:	13:56
Purge End Time:	13:55	Well Volumes Purged (total):	0.86	Replicate Type / Replicate ID:	Equipment Blank / EB-749-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:35	0	500	mL/min	27.92	7.73	5.26	6.21	9558	45	0.83	31.2	45.8	Clear	No Odor
13:39	4	500	mL/min	27.98	7.75	5.26	6.21	9565	31	0.77	31.5	40.8	Clear	No Odor
13:43	8	500	mL/min	27.98	7.75	5.26	6.21	9569	19	0.75	31.5	40.1	Clear	No Odor
13:47	12	500	mL/min	27.98	7.71	5.28	6.23	9575	16	0.72	31.5	35.9	Clear	No Odor
13:51	16	500	mL/min	27.98	7.71	5.28	6.23	9576	15	0.7	31.5	33.4	Clear	No Odor
13:55	20	500	mL/min	27.98	7.7	5.28	6.23	9578	15	0.7	31.6	31.9	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
15	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-96-217

Date(s):

2025-05-28

Work Order(s):

PGE_Topock_2025_Q2_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):

197-217

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

28.6

Total Depth (ft-bmp):

218.62

Water Column(ft):

190.02

Liters in Well:

117.39

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

207

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

12:39

Total Volume Purged (liters):

10

Sample ID:

MW-96-217-Q225

Sample Time:

13:00

Purge End Time:

12:59

Well Volumes Purged (total):

0.09

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:39	0	500	mL/min	28.60	7.82	11.47	12.71	19556	21	0.47	30.2	36.8	Clear	No Odor
12:43	4	500	mL/min	28.65	7.83	11.47	12.71	19561	14	0.41	30.4	32.8	Clear	No Odor
12:47	8	500	mL/min	28.65	7.85	11.47	12.71	19566	9	0.36	30.4	28.5	Clear	No Odor
12:51	12	500	mL/min	28.65	7.85	11.47	12.71	19571	7	0.34	30.4	28.1	Clear	No Odor
12:55	16	500	mL/min	28.65	7.85	11.47	12.71	19572	7	0.34	30.5	25.9	Clear	No Odor
12:59	20	500	mL/min	28.65	7.85	11.47	12.71	19574	7	0.33	30.5	25.5	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)	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:

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:

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):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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):	22.3-42.3	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	25.7	Total Depth (ft-bmp):	41.95	Water Column(ft):	16.25	Liters in Well:	10.04
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	37	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:56	Total Volume Purged (liters):	4.5	Sample ID:	MW-97-042-Q225	Sample Time:	10:12
Purge End Time:	10:11	Well Volumes Purged (total):	0.45	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:56	0	300	mL/min	25.70	7.36	4.59	5.414	8419	16	2.38	25.1	43.7	Clear	No Odor
09:59	3	300	mL/min	25.70	7.5	3.19	3.841	6057	16	2.12	25.3	60.4	Clear	No Odor
10:02	6	300	mL/min	25.71	7.55	2.73	3.321	5116	13	2.18	25.1	70.1	Clear	No Odor
10:05	9	300	mL/min	25.73	7.58	2.51	3.048	4753	13	1.96	25.1	76.6	Clear	No Odor
10:08	12	300	mL/min	25.73	7.56	2.51	3.042	4755	13	1.99	25.1	76.3	Clear	No Odor
10:11	15	300	mL/min	25.74	7.56	2.51	3.044	4754	13	1.97	25.3	76.1	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
13	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:



Description:

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):	2025-05-13	Work Order(s):	PGE_Topock_2025_Q2_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):	191.3-201.3	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	26.35	Total Depth (ft-bmp):	200.95	Water Column(ft):	174.6	Liters in Well:	107.86
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	175	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:17	Total Volume Purged (liters):	4.5	Sample ID:	MW-97-202-Q225	Sample Time:	09:33
Purge End Time:	09:32	Well Volumes Purged (total):	0.04	Replicate Type / Replicate ID:	Duplicate / MW-927-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:17	0	300	mL/min	26.35	5.78	11.54	12.6	20049	13	5.86	27.3	-20.4	Clear	No Odor
09:20	3	300	mL/min	26.35	6.09	11.9	12.99	20826	13	3.5	27.3	-57.4	Clear	No Odor
09:23	6	300	mL/min	26.36	6.28	12.12	13.25	21383	11	2.57	27.7	-62.6	Clear	No Odor
09:26	9	300	mL/min	26.37	6.39	12.26	13.4	21812	11	2.06	28.1	-65.1	Clear	No Odor
09:29	12	300	mL/min	26.38	6.4	12.26	13.41	21815	11	2.04	28.3	-65.6	Clear	No Odor
09:32	15	300	mL/min	26.38	6.4	12.26	13.43	21814	11	2.02	28.5	-65.9	Clear	No Odor

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

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

Well Inspection Comments:

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:



Description:

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):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	39.9-55	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.76	Total Depth (ft-bmp):	59.16	Water Column(ft):	13.4	Liters in Well:	8.28
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	47	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	14:45	Total Volume Purged (liters):	10	Sample ID:	MW-98-055-Q225	Sample Time:	15:06
Purge End Time:	15:05	Well Volumes Purged (total):	1.21	Replicate Type / Replicate ID:	MS/MSD / MW-98-055-Q225 Equipment Blank / EB-746-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:45	0	500	mL/min	45.76	7.23	2.24	2.78	4281	81	2.37	31.9	75.5	Clear	No Odor
14:49	4	500	mL/min	45.81	7.29	2.24	2.78	4287	63	2.47	32.3	72.8	Clear	No Odor
14:53	8	500	mL/min	45.81	7.33	2.22	2.75	4243	40	2.51	32.4	68.9	Clear	No Odor
14:57	12	500	mL/min	45.81	7.34	2.22	2.75	4240	30	2.56	32.4	68.1	Clear	No Odor
15:01	16	500	mL/min	45.81	7.37	2.22	2.75	4235	29	2.57	32.5	65.9	Clear	No Odor
15:05	20	500	mL/min	45.81	7.38	2.22	2.75	4234	29	2.59	32.5	65.5	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)	Plastic	1	500 mL	HNO3

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

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	67-77	Casing Diameter (in):	2	Well Casing Material:	
Static Water Level (ft-bmp):	45.64	Total Depth (ft-bmp):	80.99	Water Column(ft):	35.35	Liters in Well:	21.84
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	72	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	14:11	Total Volume Purged (liters):	10	Sample ID:	MW-98-077-Q225	Sample Time:	14:32
Purge End Time:	14:31	Well Volumes Purged (total):	0.46	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:11	0	500	mL/min	45.64	7.41	4.49	5.36	8244	45	1.43	32.1	72.8	Clear	No Odor
14:15	4	500	mL/min	45.72	7.46	4.6	5.48	8432	33	2.11	32.5	69.6	Clear	No Odor
14:19	8	500	mL/min	45.72	7.49	4.6	5.48	8439	24	2.29	32.6	66.5	Clear	No Odor
14:23	12	500	mL/min	45.72	7.49	4.6	5.48	8442	19	2.33	32.6	67.2	Clear	No Odor
14:27	16	500	mL/min	45.72	7.51	4.6	5.48	8445	19	2.36	32.6	67.9	Clear	No Odor
14:31	20	500	mL/min	45.72	7.51	4.6	5.48	8448	18	2.38	32.6	68.6	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
18	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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-99-060

Date(s):

2025-06-10

Work Order(s):

PGE_Topock_2025_Q2_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:92.34 °F, rH:14%, Clouds: 0%, Wind:16.11mph SE

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

40-60

Casing Diameter (in):

2

Well Casing Material:

PVC

Static Water Level (ft-bmp):

44.09

Total Depth (ft-bmp):

61.33

Water Column(ft):

17.24

Liters in Well:

10.65

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

53

Purge Method:

Low Flow

Purging Equipment:

Portable Bladder

Purge Start Time:

08:23

Total Volume Purged (liters):

7.5

Sample ID:

MW-99-060-Q225

Sample Time:

08:39

Purge End Time:

08:38

Well Volumes Purged (total):

0.70

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:26	0	500	mL/min	44.12	7.32	1.24	1.57	2424	35	5.04	30.7	-88.9	Clear	No Odor
08:29	3	500	mL/min	44.12	7.31	1.24	1.57	2423	27	4.93	30.7	-90.2	Clear	No Odor
08:32	6	500	mL/min	44.12	7.3	1.23	1.57	2417	25	4.73	30.7	-93.6	Clear	No Odor
08:35	9	500	mL/min	44.12	7.29	1.23	1.57	2416	23	4.39	30.7	-93.9	Clear	No Odor
08:38	12	500	mL/min	44.12	7.28	1.23	1.57	2421	23	4.37	30.7	-87.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
23	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:



Description:

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-99-140

Date(s): 2025-06-10

Work Order(s): PGE_Topock_2025_Q2_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:95.4 °F, rH:13%, Clouds: 0%, Wind:16.11mph SE

Field Technician: Riggie T

Measuring Pt. Description: Top of Inner Casing

Screen Setting (ft-bgs): 120-140

Casing Diameter (in): 2

Well Casing Material: PVC

Static Water Level (ft-bmp): 44.8

Total Depth (ft-bmp): 141.4

Water Column(ft): 96.6

Liters in Well: 59.68

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp): 130

Purge Method: Low Flow

Purging Equipment: Portable Bladder

Purge Start Time: 09:02

Total Volume Purged (liters): 7.5

Sample ID: MW-99-140-Q225

Sample Time: 09:18

Purge End Time: 09:17

Well Volumes Purged (total): 0.13

Replicate Type / Replicate ID: Equipment Blank / EB-757-Q225

Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:05	0	500	mL/min	44.84	7.27	0.94	1.21	1889	24	2.03	32.2	-10.1	Clear	No Odor
09:08	3	500	mL/min	44.84	7.23	0.9	1.17	1805	20	1.39	31.9	-14.1	Clear	No Odor
09:11	6	500	mL/min	44.84	7.25	1.01	1.3	2010	17	2.03	31.6	-17.4	Clear	No Odor
09:14	9	500	mL/min	44.84	7.25	1.02	1.3	2012	16	2.05	31.6	-17.4	Clear	No Odor
09:17	12	500	mL/min	44.84	7.26	1.01	1.3	2009	16	2.07	31.7	-17.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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:	MWP-08	Date(s):	2025-05-20	Work Order(s):	PGE_Topock_2025_Q2_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):	3	Well Casing Material:	PVC
Static Water Level (ft-bmp):	183.4	Total Depth (ft-bmp):	209.2	Water Column(ft):	25.8	Gallons in Well:	9.47
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	200	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	13:05	Total Volume Purged (gallons):	30	Sample ID:	MWP-08-Q225	Sample Time:	14:06
Purge End Time:	14:05	Well Volumes Purged (total):	3.17	Replicate Type / Replicate ID:	Duplicate / MW-928-Q225 Equipment Blank / MWP-08-EB-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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/cm²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:05	0	0.5	gpm	183.40	7.56	4.66	5.49	8617	21	3.52	30.6	108.3	Clear	No Odor
13:15	10	0.5	gpm	183.49	7.52	4.66	5.49	8620	13	3.49	30.5	105.1	Clear	No Odor
13:25	20	0.5	gpm	183.50	7.61	4.74	5.54	8721	8	3.41	30.4	98.6	Clear	No Odor
13:35	30	0.5	gpm	183.50	7.59	4.74	5.54	8733	6	3.41	30.4	98.6	Clear	No Odor
13:45	40	0.5	gpm	183.50	7.56	4.74	5.54	8740	5	3.38	30.4	95.8	Clear	No Odor
13:55	50	0.5	gpm	183.50	7.57	4.74	5.54	8745	5	3.34	30.4	95.1	Clear	No Odor
14:05	60	0.5	gpm	183.50	7.57	4.74	5.54	8744	5	3.31	30.4	94.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO3 (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Specific conductance (EPA 120.1),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	2	1 L	None
Calcium, dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Title 22 metals, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Total Phosphorus (365.3)	Plastic	2	8 ounces	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
5	1	1

Comments: Replaced dedicated tubing with new sample tubing

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:



Description:

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:	PGE-07BR	Date(s):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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:92.34 °F, rH:11%, Clouds: 0%, Wind:4.61mph E-NE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	249-300	Casing Diameter (in):	7	Well Casing Material:	
Static Water Level (ft-bmp):	109.82	Total Depth (ft-bmp):		Water Column(ft):	190.18	Gallons in Well:	380.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	275	Purge Method:	Volumetric	Purging Equipment:	Dedicated Pump
Purge Start Time:	10:20	Total Volume Purged (gallons):	1200	Sample ID:	PGE-07BR-Q225	Sample Time:	12:21
Purge End Time:	12:20	Well Volumes Purged (total):	3.16	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:30	0	10	gpm	#Error	7.43	10.88	12.04	18721	3	0.18	30.8	-311.9	Clear	No Odor
10:40	10	10	gpm	#Error	7.42	10.54	11.68	18054	1	0.15	30.9	-295.1	Clear	No Odor
10:50	20	10	gpm	#Error	7.43	9.63	10.75	16537	1	0.06	30.9	-288.5	Clear	No Odor
11:20	50	10	gpm	#Error	7.37	9.83	10.95	16848	1	0.04	30.7	-268.1	Clear	No Odor
11:50	80	10	gpm	#Error	7.36	9.83	10.96	16856	1	0.05	30.7	-264.3	Clear	No Odor
12:20	110	10	gpm	#Error	7.37	9.84	10.96	16862	1	0.05	30.8	-260.8	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
1	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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:	PGE-08	Date(s):	2025-05-19	Work Order(s):	PGE_Topock_2025_Q2_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:82.33 °F, rH:12%, Clouds: 0%, Wind:15.64mph N-NW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	405-554	Casing Diameter (in):	6.75	Well Casing Material:	
Static Water Level (ft-bmp):	143.03	Total Depth (ft-bmp):		Water Column(ft):	420.97	Gallons in Well:	782.56
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	480	Purge Method:	Volumetric	Purging Equipment:	Dedicated Pump
Purge Start Time:	11:20	Total Volume Purged (gallons):	1800	Sample ID:	PGE-08-Q225	Sample Time:	02:21
Purge End Time:	02:20	Well Volumes Purged (total):	2.30	Replicate Type / Replicate ID:	Equipment Blank / EB-732-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:50	0	10	gpm	#Error	7.38	11.48	12.62	19407	11	0.68	29.5	-90.6	Clear	No Odor
12:20	30	10	gpm	#Error	7.49	11.43	12.58	19357	9	0.69	30.8	-104.7	Clear	No Odor
12:50	60	10	gpm	#Error	7.51	11.48	12.62	19407	9	0.66	32	-114.6	Clear	No Odor
13:20	90	10	gpm	#Error	7.54	11.54	12.72	19557	8	0.67	32.4	-120.3	Clear	No Odor
13:50	120	10	gpm	#Error	7.56	11.54	12.72	19569	8	0.67	32.5	-124.6	Clear	No Odor
14:20	150	10	gpm	#Error	7.57	11.55	12.73	19580	8	0.63	32.6	-128.9	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
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:	PGE-09N	Date(s):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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:73.94 °F, rH:25%, Clouds: 0%, Wind:6.4mph N-NW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	25-95	Casing Diameter (in):	12	Well Casing Material:	
Static Water Level (ft-bmp):	5.74	Total Depth (ft-bmp):	95	Water Column(ft):	89.26	Gallons in Well:	524.42
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	60	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	09:33	Total Volume Purged (gallons):	60	Sample ID:	PGE-09N-Q225	Sample Time:	09:49
Purge End Time:	09:48	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:36	0	4	gpm	5.90	7.11	7.31	8.26	12712	26	0.48	22.9	-184.3	Clear	No Odor
09:39	3	4	gpm	5.90	7.13	7.19	8.14	12532	20	0.28	22.9	-192.5	Clear	No Odor
09:42	6	4	gpm	5.90	7.13	7.12	8.07	12423	10	0.24	22.9	-196.6	Clear	No Odor
09:45	9	4	gpm	5.90	7.13	7.03	7.97	12273	10	0.21	22.9	-201.2	Clear	No Odor
09:48	12	4	gpm	5.90	7.13	7.01	7.95	12229	10	0.2	22.9	-203	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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:	PGE-09S	Date(s):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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:75.94 °F, rH:22%, Clouds: 0%, Wind:6.4mph N-NW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	30-100	Casing Diameter (in):	12	Well Casing Material:	
Static Water Level (ft-bmp):	5.6	Total Depth (ft-bmp):	100	Water Column(ft):	94.4	Gallons in Well:	554.62
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	10:01	Total Volume Purged (gallons):	60	Sample ID:	PGE-09S-Q225	Sample Time:	10:17
Purge End Time:	10:16	Well Volumes Purged (total):	0.11	Replicate Type / Replicate ID:	Equipment Blank / EB-724-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:04	0	4	gpm	5.80	7.14	6.87	7.8	12001	18	0.28	22.4	-176.6	Clear	No Odor
10:07	3	4	gpm	5.80	7.14	6.87	7.8	12001	9	0.22	22.4	-177.7	Clear	No Odor
10:10	6	4	gpm	5.80	7.11	6.9	7.83	12043	9	0.18	22.4	-178.1	Clear	No Odor
10:13	9	4	gpm	5.80	7.11	6.94	7.87	12103	9	0.16	22.4	-178.3	Clear	No Odor
10:16	12	4	gpm	5.80	7.1	6.96	7.89	12138	9	0.16	22.4	-178.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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:	PT5D	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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):	95-105	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	18.31	Total Depth (ft-bmp):	105.04	Water Column(ft):	86.73	Liters in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:01	Total Volume Purged (liters):	4.5	Sample ID:	PT5D-0625	Sample Time:	13:17
Purge End Time:	13:16	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Equipment Blank / EB-758-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:01	0	300	mL/min	18.31	7.04	5.8	6.272	12180	19	0.53	39.3	76.4	Clear	No Odor
13:04	3	300	mL/min	18.31	6.85	5.27	6.214	11672	17	0.28	36.5	82.5	Clear	No Odor
13:07	6	300	mL/min	18.32	6.83	5.26	6.201	11548	17	0.25	36	86	Clear	No Odor
13:10	9	300	mL/min	18.35	6.85	5.22	6.203	11545	17	0.27	36	86.6	Clear	No Odor
13:13	12	300	mL/min	18.35	6.83	5.22	6.203	11549	17	0.28	36.4	86.2	Clear	No Odor
13:16	15	300	mL/min	18.35	6.84	5.22	6.205	11551	17	0.27	36.5	86.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
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:

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:

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:	PT5D	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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:77.07 °F, rH:41%, Clouds: 0%, Wind:4.61mph N			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	95-105	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	18.03	Total Depth (ft-bmp):	105.07	Water Column(ft):	87.04	Liters in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	13:19	Total Volume Purged (liters):	7.5	Sample ID:	PT5D-Q225	Sample Time:	13:35
Purge End Time:	13:34	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Equipment Blank / EB-713-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:22	0	500	mL/min	18.05	6.95	4.66	5.45	8350	15	0.29	24	-46.9	Clear	No Odor
13:25	3	500	mL/min	18.05	6.94	4.8	5.6	8617	13	0.23	23.8	-13	Clear	No Odor
13:28	6	500	mL/min	18.05	6.93	4.81	5.61	8633	13	0.21	23.8	-2.1	Clear	No Odor
13:31	9	500	mL/min	18.05	6.93	4.78	5.58	8581	13	0.19	23.9	6.7	Clear	No Odor
13:34	12	500	mL/min	18.05	6.93	4.75	5.54	8581	13	0.18	24	7.5	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)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	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: _____



Description:

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:

PT5M

Date(s):

2025-05-22

Work Order(s):

PGE_Topock_2025_Q2_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):

60-70

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp):

19.62

Total Depth (ft-bmp):

71.9

Water Column(ft):

52.28

Liters in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

70

Purge Method:

Low Flow

Purging Equipment:

Peristaltic Pump

Purge Start Time:

09:28

Total Volume Purged (liters):

10

Sample ID:

PT5M-Q225

Sample Time:

09:49

Purge End Time:

09:48

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:28	0	500	mL/min	19.80	8.61	4.56	4.13	8263	10	0.98	26.98	-260.9	Clear	No Odor
09:32	4	500	mL/min	19.80	8.58	4.56	4.13	8289	9	0.94	26.62	-270.9	Clear	No Odor
09:36	8	500	mL/min	19.80	8.55	4.56	4.13	8269	9	0.89	26.35	-278.9	Clear	No Odor
09:40	12	500	mL/min	19.80	8.52	4.56	4.13	8259	9	0.87	26.35	-278.1	Clear	No Odor
09:44	16	500	mL/min	19.80	8.49	4.56	4.13	8260	9	0.84	26.28	-278.5	Clear	No Odor
09:48	20	500	mL/min	19.80	8.49	4.56	4.13	8262	9	0.84	26.25	-278.9	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:

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:PT5S

Date(s):2025-05-22

Work Order(s):PGE_Topock_2025_Q2_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):35-45

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp):19.64

Total Depth (ft-bmp):47.65

Water Column(ft):28.01

Liters in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:Low Flow

Purging Equipment:Peristaltic Pump

Purge Start Time:08:57

Total Volume Purged (liters):10

Sample ID:PT5S-Q225

Sample Time:09:18

Purge End Time:09:17

Well Volumes Purged (total):

Replicate Type / Replicate ID:N/A

Water Quality Meter/ ID:Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:57	0	500	mL/min	19.64	9.15	0.63	0.63	1262	10	1.02	25.16	-296.6	Clear	No Odor
09:01	4	500	mL/min	19.64	9.03	0.63	0.63	1268	19	1	25.39	-297.9	Clear	No Odor
09:05	8	500	mL/min	19.64	9	0.63	0.63	1273	9	1	25.4	-299	Clear	No Odor
09:09	12	500	mL/min	19.64	9	0.63	0.63	1280	8	1	25.29	-302.2	Clear	No Odor
09:13	16	500	mL/min	19.64	8.98	0.63	0.63	1290	8	1	25.38	-302.6	Clear	No Odor
09:17	20	500	mL/min	19.64	8.93	0.63	0.63	1300	8	1	25.35	-303	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)	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
Total organic carbon (SM 5310 B)	Amber Glass	1	250 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:



Description:

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:	PT6D	Date(s):	2025-05-07	Work Order(s):	PGE_Topock_2025_Q2_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	95-105	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	20.61	Total Depth (ft-bmp):	106.06	Water Column(ft):	85.45	Liters in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:45	Total Volume Purged (liters):	7.5	Sample ID:	PT6D-Q225	Sample Time:	13:01
Purge End Time:	13:00	Well Volumes Purged (total):		Replicate Type / Replicate ID:	Duplicate / MW-929-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:48	0	500	mL/min	20.63	7.02	3.94	4.66	7172	11	0.31	23.5	2.8	Clear	No Odor
12:51	3	500	mL/min	20.63	6.99	3.93	4.65	7152	10	0.28	23.6	15.2	Clear	No Odor
12:54	6	500	mL/min	20.63	6.97	3.93	4.64	7146	10	0.28	23.7	21.2	Clear	No Odor
12:57	9	500	mL/min	20.63	6.97	3.93	4.64	7144	10	0.28	23.7	23.1	Clear	No Odor
13:00	12	500	mL/min	20.63	6.96	3.93	4.65	7147	10	0.27	23.6	24	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)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

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:



Description:

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:	PT6D	Date(s):	2025-06-09	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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 T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	95-105	Casing Diameter (in):	2	Well Casing Material:	PVC
Static Water Level (ft-bmp):	19.87	Total Depth (ft-bmp):	106.6	Water Column(ft):	86.73	Liters in Well:	53.58
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	100	Purge Method:	Low Flow	Purging Equipment:	Peristaltic Pump
Purge Start Time:	12:51	Total Volume Purged (liters):	7.5	Sample ID:	PT6D-0625	Sample Time:	13:07
Purge End Time:	13:06	Well Volumes Purged (total):	0.14	Replicate Type / Replicate ID:	Equipment Blank / EB-755-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:54	0	500	mL/min	19.90	7.2	3.86	4.56	7024	6	0.33	24.8	-46.8	Clear	No Odor
12:57	3	500	mL/min	19.90	7.21	3.85	4.56	7019	4	0.32	24.7	-50.3	Clear	No Odor
13:00	6	500	mL/min	19.90	7.15	3.85	4.56	7016	4	0.31	24.6	-56.4	Clear	No Odor
13:03	9	500	mL/min	19.90	7.13	3.85	4.55	7012	4	0.31	24.6	-62.5	Clear	No Odor
13:06	12	500	mL/min	19.90	7.11	3.85	4.56	7017	4	0.29	24.7	-64.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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:PT8D

Date(s):2025-05-21

Work Order(s):PGE_Topock_2025_Q2_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):190-210

Casing Diameter (in):2

Well Casing Material:

Static Water Level (ft-bmp):106.87

Total Depth (ft-bmp):210.6

Water Column(ft):103.73

Liters in Well:64.08

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):205

Purge Method:Volumetric

Purging Equipment:Submersible Pump

Purge Start Time:12:14

Total Volume Purged (liters):10

Sample ID:PT8D-Q225

Sample Time:12:35

Purge End Time:12:34

Well Volumes Purged (total):0.16

Replicate Type / Replicate ID:N/A

Water Quality Meter/ ID:Hach 2100-P,Hanna HI 98129 /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:14	0	500	mL/min	106.87	8.27	2.82	2.65	5560	41	1.05	33.83	-53.1	Clear	No Odor
12:18	4	500	mL/min	106.87	8.22	3.27	3.04	5457	36	0.97	33.5	-57.8	Clear	No Odor
12:22	8	500	mL/min	106.87	8.17	4.27	3.91	6604	32	0.94	33.29	-62.1	Clear	No Odor
12:26	12	500	mL/min	106.87	8.16	5.65	5.16	8548	26	0.92	33.14	-65.1	Clear	No Odor
12:30	16	500	mL/min	106.87	8.12	5.65	5.16	8630	25	0.96	33	-64.9	Clear	No Odor
12:34	20	500	mL/min	106.87	8.14	5.65	5.16	8640	27	0.93	33.02	-63.9	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
27	1	1

Comments:None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:

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:

PT9D

Date(s):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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:86.49 °F, rH:13%, Clouds: 0%, Wind:0mph N

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

190-210

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

103.31

Total Depth (ft-bmp):

210.2

Water Column(ft):

106.89

Liters in Well:

66.03

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

200

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

09:52

Total Volume Purged (liters):

7.5

Sample ID:

PT9D-Q225

Sample Time:

10:08

Purge End Time:

10:07

Well Volumes Purged (total):

0.11

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:55	0	500	mL/min	103.35	7.38	7.62	8.62	13295	22	7.08	29.8	4.5	Clear	No Odor
09:58	3	500	mL/min	103.35	7.4	7.66	8.68	13380	18	5.9	29.7	7.6	Clear	No Odor
10:01	6	500	mL/min	103.35	7.37	7.65	8.69	13378	14	5.85	29.7	9.8	Clear	No Odor
10:04	9	500	mL/min	103.35	7.39	7.68	8.72	13380	14	5.68	29.7	10.4	Clear	No Odor
10:07	12	500	mL/min	103.35	7.39	7.71	8.75	13465	14	5.71	29.8	11.4	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
14	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:

PT9M

Date(s):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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:82.02 °F, rH:13%, Clouds: 0%, Wind:4.61mph E-NE

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

162-182

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

103.24

Total Depth (ft-bmp):

186.6

Water Column(ft):

83.36

Liters in Well:

51.5

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

172

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

08:42

Total Volume Purged (liters):

7.5

Sample ID:

PT9M-Q225

Sample Time:

08:58

Purge End Time:

08:57

Well Volumes Purged (total):

0.15

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:45	0	500	mL/min	103.30	7.19	5.09	5.95	9145	9	1.64	29.2	3	Clear	No Odor
08:48	3	500	mL/min	103.30	7.16	5.17	6.04	9303	6	1.72	29.3	6.2	Clear	No Odor
08:51	6	500	mL/min	103.30	7.14	5.18	6.05	9318	6	1.84	29.4	10.5	Clear	No Odor
08:54	9	500	mL/min	103.30	7.12	5.18	6.05	9312	6	1.73	29.4	5	Clear	No Odor
08:57	12	500	mL/min	103.30	7.11	5.2	6.07	9339	6	1.69	29.5	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
6	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

Location ID:

PT9S

Date(s):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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:85.24 °F, rH:14%, Clouds: 0%, Wind:0mph N

Field Technician:

Riggie T

Measuring Pt. Description:

Top of Inner Casing

Screen Setting (ft-bgs):

128-148

Casing Diameter (in):

2

Well Casing Material:

Static Water Level (ft-bmp):

103.11

Total Depth (ft-bmp):

152.88

Water Column(ft):

49.77

Liters in Well:

30.75

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

138

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

09:17

Total Volume Purged (liters):

7.5

Sample ID:

PT9S-Q225

Sample Time:

09:33

Purge End Time:

09:32

Well Volumes Purged (total):

0.24

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:20	0	500	mL/min	103.16	7.33	1.79	2.23	3425	11	3.57	29.2	-18.6	Clear	No Odor
09:23	3	500	mL/min	103.16	7.3	1.94	2.41	3665	8	6.86	29.2	0.5	Clear	No Odor
09:26	6	500	mL/min	103.16	7.27	2	2.47	3821	7	5.17	29.3	1.2	Clear	No Odor
09:29	9	500	mL/min	103.16	7.21	2.03	2.52	3886	7	5.23	29.3	5.1	Clear	No Odor
09:32	12	500	mL/min	103.16	7.17	2.06	2.54	3924	7	5.31	29.3	7.2	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)	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:

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:

Location ID:	PTI-1D	Date(s):	2025-06-12	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_V1_FINAL				
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Hot			Field Technician:	Daniel Garcia, Dalon Whitten				
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):				Well Casing Material:	
Static Water Level (ft-bmp):				Total Depth (ft-bmp):				Water Column(ft):	
Depth to Product (ft-bmp):				Pump Intake Depth(ft-bmp):				Gallons in Well:	
Purge Start Time:				Total Volume Purged (gallons):				Sample ID:	PTI-1D-0625
Purge End Time:				Well Volumes Purged (total):				Sample Time:	06:15
Scope of work completed?	Yes			Replicate Type / Replicate ID:	N/A			Water Quality Meter/ ID:	YSI ProPlus /

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
06:10	0			#Error	6.43	10170	3.4	1.93	23.3	61.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3.4	2.9	1

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:

PTI-1D

Date(s):

2025-05-15

Work Order(s):

PGE_Topock_2025_Q2_V1_FINAL

Client:

Pacific Gas and Electric

Facility:

Topock

Facility Location:

515 National Trails Hwy, Needles, CA 92363, US

Area:

Default Site

Weather:

Warm and clear

Field Technician:

Cameron Stone

Measuring Pt. Description:

Ground Surface

Screen Setting (ft-bgs):

-

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp):

Total Depth (ft-bmp):

Water Column(ft):

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

Purge Method:

Purging Equipment:

Purge Start Time:

Total Volume Purged (gallons):

Sample ID:

PTI-1D-Q225

Sample Time:

11:05

Purge End Time:

Well Volumes Purged (total):

Replicate Type / Replicate ID:

N/A

Water Quality Meter/ ID:

YSI ProPlus /

Scope of work completed?

Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
11:00	0			#Error	6.97	5854	3	0.72	25.6	12.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Comments: None

Well Information:

Well Labeled Properly:

Is Well in Good Condition?

Well Inspection Comments:

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:	Site B-165	Date(s):	2025-05-15	Work Order(s):	PGE_Topock_2025_Q2_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:80.94 °F, rH:13%, Clouds: 4%, Wind:2.19mph SW			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	-	Casing Diameter (in):	14	Well Casing Material:	
Static Water Level (ft-bmp):	22.4	Total Depth (ft-bmp):	320	Water Column(ft):	297.6	Gallons in Well:	2379.85
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	165	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	10:03	Total Volume Purged (gallons):	60	Sample ID:	Site B-165-Q225	Sample Time:	10:19
Purge End Time:	10:18	Well Volumes Purged (total):	0.03	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:06	0	4	gpm	22.50	7.57	0.66	0.86	1335	21	6	30.4	1.1	Clear	No Odor
10:09	3	4	gpm	22.50	7.57	0.66	0.86	1332	13	4.69	30.7	3.5	Clear	No Odor
10:12	6	4	gpm	22.50	7.58	0.65	0.85	1329	10	3.67	30.8	3.2	Clear	No Odor
10:15	9	4	gpm	22.50	7.59	0.66	0.86	1328	10	3.59	30.8	3.4	Clear	No Odor
10:18	12	4	gpm	22.50	7.59	0.66	0.86	1330	10	3.57	30.8	3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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:Site B-220

Date(s):2025-05-15

Work Order(s):PGE_Topock_2025_Q2_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:81.95 °F, rH:14%, Clouds: 4%, Wind:2.19mph SW

Field Technician:Riggie T

Measuring Pt. Description:Top of Inner Casing

Screen Setting (ft-bgs):-

Casing Diameter (in):14

Well Casing Material:

Static Water Level (ft-bmp):22.4

Total Depth (ft-bmp):320

Water Column(ft):297.6

Gallons in Well:2379.85

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):220

Purge Method:Volumetric

Purging Equipment:Submersible Pump

Purge Start Time:10:29

Total Volume Purged (gallons):60

Sample ID:Site B-220-Q125

Sample Time:10:45

Purge End Time:10:44

Well Volumes Purged (total):0.03

Replicate Type / Replicate ID:N/A

Water Quality Meter/ ID:Hach 2100-P,YSI ProPlus /

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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:32	0	4	gpm	22.50	7.61	0.66	0.86	1331	8	4.04	31	3.8	Clear	No Odor
10:35	3	4	gpm	22.50	7.61	0.65	0.85	1329	8	3.98	31.2	7.7	Clear	No Odor
10:38	6	4	gpm	22.50	7.61	0.66	0.86	1330	8	3.81	31.2	5.4	Clear	No Odor
10:41	9	4	gpm	22.50	7.61	0.66	0.86	1330	8	3.89	31.2	5.7	Clear	No Odor
10:44	12	4	gpm	22.50	7.61	0.66	0.86	1328	8	3.9	31.3	4.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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:Site B-285

Date(s):2025-05-15

Work Order(s):PGE_Topock_2025_Q2_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:84.9 °F, rH:12%, Clouds: 5%, Wind:3.13mph S-SW

Field Technician:Riggie T

Measuring Pt. Description:Top of Inner Casing

Screen Setting (ft-bgs):-

Casing Diameter (in):

Well Casing Material:

Static Water Level (ft-bmp):22.4

Total Depth (ft-bmp):320

Water Column(ft):297.6

Gallons in Well:

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):285

Purge Method:Volumetric

Purging Equipment:Submersible Pump

Purge Start Time:10:52

Total Volume Purged (gallons):60

Sample ID:Site B-285-Q125

Sample Time:11:08

Purge End Time:11:07

Well Volumes Purged (total):

Replicate Type / Replicate ID:Equipment Blank / EB-728-Q225

Water Quality Meter/ ID:Hach 2100-P,YSI ProPlus /

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 (mS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:55	0	4	gpm	22.50	7.63	0.66	0.86	1328	33	4.19	31.2	4.9	Clear	No Odor
10:58	3	4	gpm	22.50	7.63	0.66	0.86	1330	11	3.96	31.4	5.9	Clear	No Odor
11:01	6	4	gpm	22.50	7.63	0.66	0.86	1333	6	3.91	31.4	7.9	Clear	No Odor
11:04	9	4	gpm	22.50	7.63	0.66	0.86	1333	6	4.11	31.4	10.2	Clear	No Odor
11:07	12	4	gpm	22.50	7.63	0.66	0.86	1332	6	4.13	31.5	9.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

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



Description:

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):	2025-05-21	Work Order(s):	PGE_Topock_2025_Q2_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):	169-269	Casing Diameter (in):	5	Well Casing Material:	
Static Water Level (ft-bmp):	164.26	Total Depth (ft-bmp):	265.81	Water Column(ft):	101.55	Gallons in Well:	103.58
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	219	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	13:21	Total Volume Purged (gallons):	320	Sample ID:	TW-01-Q225	Sample Time:	14:42
Purge End Time:	14:41	Well Volumes Purged (total):	3.09	Replicate Type / Replicate ID:	Equipment Blank / EB-738-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:21	0	4	gpm	164.26	7.53	4.16	4.95	7636	18	3.39	31.1	77.9	Clear	No Odor
13:31	10	4	gpm	164.71	7.48	4.36	5.04	7849	11	2.81	31.5	70.3	Clear	No Odor
13:41	20	4	gpm	164.71	7.44	4.36	5.04	7881	7	2.95	31.8	76.8	Clear	No Odor
13:51	30	4	gpm	164.71	7.42	4.36	5.04	7885	5	3.03	31.9	80.3	Clear	No Odor
14:01	40	4	gpm	164.71	7.42	4.36	5.04	7893	5	3.11	31.9	85.1	Clear	No Odor
14:11	50	4	gpm	164.71	7.41	4.36	5.04	7894	4	3.13	32.1	85.9	Clear	No Odor
14:21	60	4	gpm	164.71	7.43	4.36	5.04	7905	4	3.17	32.1	87.1	Clear	No Odor
14:31	70	4	gpm	164.71	7.43	4.36	5.04	7907	4	3.18	32.1	87.6	Clear	No Odor
14:41	80	4	gpm	164.71	7.42	4.36	5.04	7911	4	3.15	32.2	89.5	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

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:



Description:

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-02D	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:101.07 °F, rH:11%, Clouds: 0%, Wind:11.59mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113-148	Casing Diameter (in):	6	Well Casing Material:	PVC
Static Water Level (ft-bmp):	37.81	Total Depth (ft-bmp):	149.61	Water Column(ft):	111.8	Gallons in Well:	164.21
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	131	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	10:45	Total Volume Purged (gallons):	21	Sample ID:	TW-02D-0625	Sample Time:	11:01
Purge End Time:	11:00	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:48	0	1.4	gpm	37.83	7.13	4.77	5.6	8618	6	0.49	29	-29.7	Clear	No Odor
10:51	3	1.4	gpm	37.83	7.1	4.78	5.6	8624	4	0.2	29.1	-38.8	Clear	No Odor
10:54	6	1.4	gpm	37.83	7.09	4.78	5.61	8627	4	0.19	29.1	-42.2	Clear	No Odor
10:57	9	1.4	gpm	37.83	7.1	4.77	5.6	8624	4	0.2	29.1	-44	Clear	No Odor
11:00	12	1.4	gpm	37.83	7.1	4.78	5.61	8635	4	0.22	29.1	-45.4	Clear	No Odor

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

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



Description:

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-02D	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:66.31 °F, rH:82%, Clouds: 60%, Wind:6.04mph S-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113-148	Casing Diameter (in):	6	Well Casing Material:	
Static Water Level (ft-bmp):	38.03	Total Depth (ft-bmp):	149.61	Water Column(ft):	111.58	Gallons in Well:	163.89
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	135	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:07	Total Volume Purged (gallons):	21	Sample ID:	TW-02D-Q225	Sample Time:	09:23
Purge End Time:	09:22	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:10	0	1.4	gpm	38.05	7.2	4.82	5.65	8695	9	0.24	28.2	-6.5	Clear	No Odor
09:13	3	1.4	gpm	38.05	7.21	4.82	5.65	8694	9	0.17	28.2	-9.7	Clear	No Odor
09:16	6	1.4	gpm	38.05	7.22	4.83	5.66	8703	7	0.13	28.2	-7.2	Clear	No Odor
09:19	9	1.4	gpm	38.05	7.22	4.83	5.66	8702	7	0.12	28.3	-2.6	Clear	No Odor
09:22	12	1.4	gpm	38.05	7.22	4.83	5.66	8701	7	0.11	28.3	-3.7	Clear	No Odor

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

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



Description:

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-02S	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:67.15 °F, rH:65%, Clouds: 60%, Wind:6.04mph S-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	42.5-92.5	Casing Diameter (in):	6	Well Casing Material:	
Static Water Level (ft-bmp):	37.99	Total Depth (ft-bmp):	96.27	Water Column(ft):	58.28	Gallons in Well:	85.6
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	08:33	Total Volume Purged (gallons):	21	Sample ID:	TW-02S-Q225	Sample Time:	08:49
Purge End Time:	08:48	Well Volumes Purged (total):	0.25	Replicate Type / Replicate ID:	Duplicate / MW-931-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:36	0	1.4	gpm	38.00	7.1	4.58	5.38	8276	6	0.79	28.1	38.7	Clear	No Odor
08:39	3	1.4	gpm	38.00	7.15	4.58	5.39	8287	5	0.69	28.2	39.1	Clear	No Odor
08:42	6	1.4	gpm	38.00	7.16	4.59	5.39	8297	5	0.63	28.2	39	Clear	No Odor
08:45	9	1.4	gpm	38.00	7.17	4.59	5.4	8303	5	0.58	28.2	39	Clear	No Odor
08:48	12	1.4	gpm	38.00	7.16	4.6	5.4	8313	5	0.57	28.3	39	Clear	No Odor

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

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


Description:

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-02S	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:99.14 °F, rH:11%, Clouds: 0%, Wind:8.08mph S-SE			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	42.5-92.5	Casing Diameter (in):	6	Well Casing Material:	PVC
Static Water Level (ft-bmp):	37.72	Total Depth (ft-bmp):	96.27	Water Column(ft):	58.55	Gallons in Well:	86
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	10:11	Total Volume Purged (gallons):	21	Sample ID:	TW-02S-0625	Sample Time:	10:27
Purge End Time:	10:26	Well Volumes Purged (total):	0.24	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:14	0	1.4	gpm	37.75	7.15	4.53	5.33	8207	8	0.76	28.9	-21.8	Clear	No Odor
10:17	3	1.4	gpm	37.75	7.11	4.54	5.34	8217	5	0.67	28.9	-22.5	Clear	No Odor
10:20	6	1.4	gpm	37.75	7.1	4.54	5.35	8220	3	0.64	28.8	-23.4	Clear	No Odor
10:23	9	1.4	gpm	37.75	7.1	4.54	5.35	8228	3	0.62	28.9	-24.2	Clear	No Odor
10:26	12	1.4	gpm	37.75	7.09	4.55	5.35	8241	3	0.64	28.9	-24.8	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3	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:

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-03D	Date(s):	2025-06-10	Work Order(s):	PGE_Topock_2025_Q2_Jun_Monthly_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:101.73 °F, rH:11%, Clouds: 0%, Wind:11.59mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	111-156	Casing Diameter (in):	8	Well Casing Material:	PVC
Static Water Level (ft-bmp):	37.49	Total Depth (ft-bmp):	152.32	Water Column(ft):	114.83	Gallons in Well:	299.84
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	135	Purge Method:	Volumetric	Purging Equipment:	Submersible Pump
Purge Start Time:	11:14	Total Volume Purged (gallons):	21	Sample ID:	TW-03D-0625	Sample Time:	11:30
Purge End Time:	11:29	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /

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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:17	0	1.4	gpm	37.52	7.08	4.52	5.32	8186	7	0.36	29.1	-29.5	Clear	No Odor
11:20	3	1.4	gpm	37.52	7.08	4.52	5.32	8184	3	0.31	29.2	-29.3	Clear	No Odor
11:23	6	1.4	gpm	37.52	7.08	4.52	5.33	8193	2	0.35	29.1	-29.8	Clear	No Odor
11:26	9	1.4	gpm	37.52	7.09	4.54	5.34	8221	2	0.35	29.2	-30.4	Clear	No Odor
11:29	12	1.4	gpm	37.52	7.08	4.55	5.36	8240	2	0.37	29.2	-30.8	Clear	No Odor

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

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
2	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:

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-03D	Date(s):	2025-05-06	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLOUDS, T:68.9 °F, rH:74%, Clouds: 52%, Wind:7.47mph S			Field Technician:	Riggie T		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	111-156	Casing Diameter (in):	8	Well Casing Material:	
Static Water Level (ft-bmp):	37.76	Total Depth (ft-bmp):	152.32	Water Column(ft):	114.56	Gallons in Well:	299.14
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	131	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:34	Total Volume Purged (gallons):	21	Sample ID:	TW-03D-Q225	Sample Time:	09:50
Purge End Time:	09:49	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:37	0	1.4	gpm	37.78	7.2	4.65	5.47	8412	10	0.32	28.2	32.2	Clear	No Odor
09:40	3	1.4	gpm	37.78	7.2	4.66	5.47	8419	6	0.23	28.3	35	Clear	No Odor
09:43	6	1.4	gpm	37.78	7.2	4.66	5.48	8425	6	0.19	28.3	35.8	Clear	No Odor
09:46	9	1.4	gpm	37.78	7.2	4.66	5.48	8426	6	0.17	28.5	36.2	Clear	No Odor
09:49	12	1.4	gpm	37.78	7.2	4.66	5.48	8427	6	0.16	28.4	36.8	Clear	No Odor

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

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



Description:

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):	2025-05-14	Work Order(s):	PGE_Topock_2025_Q2_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):	210-250	Casing Diameter (in):	4	Well Casing Material:	
Static Water Level (ft-bmp):	28.79	Total Depth (ft-bmp):	253.95	Water Column(ft):	225.16	Liters in Well:	556.4
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	230	Purge Method:	Low Flow	Purging Equipment:	Portable Bladder
Purge Start Time:	14:29	Total Volume Purged (liters):	10	Sample ID:	TW-04-Q225	Sample Time:	14:50
Purge End Time:	14:49	Well Volumes Purged (total):	0.02	Replicate Type / Replicate ID:	Equipment Blank / EB-726-Q225	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:29	0	500	mL/min	28.79	7.6	12.02	13.16	20579	11	2.23	29.3	18.6	Clear	No Odor
14:33	4	500	mL/min	28.85	7.69	12.02	13.16	20525	7	2.06	29.5	15.3	Clear	No Odor
14:37	8	500	mL/min	28.85	7.73	12.07	13.22	20629	5	1.84	29.6	12.9	Clear	No Odor
14:41	12	500	mL/min	28.85	7.75	12.07	13.22	20634	4	1.77	29.6	9.9	Clear	No Odor
14:45	16	500	mL/min	28.85	7.75	12.07	13.22	20639	4	1.74	29.6	9.2	Clear	No Odor
14:49	20	500	mL/min	28.85	7.76	12.07	13.22	20644	4	1.71	29.6	8.8	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:

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:

Location ID:

TW-05

Date(s):

2025-05-21

Work Order(s):

PGE_Topock_2025_Q2_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):

110-150

Casing Diameter (in):

4

Well Casing Material:

Static Water Level (ft-bmp):

40.33

Total Depth (ft-bmp):

155.75

Water Column(ft):

115.42

Liters in Well:

285.22

Depth to Product (ft-bmp):

Pump Intake Depth(ft-bmp):

130

Purge Method:

Low Flow

Purging Equipment:

Submersible Pump

Purge Start Time:

09:14

Total Volume Purged (liters):

4.5

Sample ID:

TW-05-Q225

Sample Time:

09:30

Purge End Time:

09:29

Well Volumes Purged (total):

0.02

Replicate Type / Replicate ID:

Duplicate / MW-932-Q225

Water Quality Meter/ ID:

Hach 2100-P,YSI ProPlus /

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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:14	0	300	mL/min	40.33	8.04	6	6.909	11620	10	3.09	30.3	109.2	Clear	No Odor
09:17	3	300	mL/min	40.34	8.1	6.29	7.254	12133	10	1.63	29.5	106	Clear	No Odor
09:20	6	300	mL/min	40.34	8.11	6.3	7.267	12171	10	1.34	29.7	104.8	Clear	No Odor
09:23	9	300	mL/min	40.34	8.1	6.3	7.264	12170	8	1.09	29.7	103.4	Clear	No Odor
09:26	12	300	mL/min	40.34	8.09	6.31	7.261	12173	8	1.05	29.7	103.1	Clear	No Odor
09:29	15	300	mL/min	40.34	8.09	6.3	7.264	12175	8	1.07	29.7	103.5	Clear	No Odor

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

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:



Description:

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:	TWB-01	Date(s):	2025-05-27	Work Order(s):	PGE_Topock_2025_Q2_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):	-	Casing Diameter (in):	Well Casing Material:		
Static Water Level (ft-bmp):	80.2	Total Depth (ft-bmp):	131.93	Water Column(ft):	51.73	Gallons in Well:	
Depth to Product (ft-bmp):		Pump Intake Depth(ft-bmp):	125	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	13:30	Total Volume Purged (gallons):	75	Sample ID:	TWB-01-Q225	Sample Time:	13:56
Purge End Time:	13:55	Well Volumes Purged (total):		Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProPlus /
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 (mg/L)	Specific Conductivity (µS/cm°)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:30	0	3	gpm	80.20	7.71	10.13	14.36	21349	18	0.01	30	82.7	Clear	No Odor
13:34	4	3	gpm	80.20	7.82	10.15	14.378	21551	18	0.04	30	100.4	Clear	No Odor
13:38	8	3	gpm	80.20	7.85	10.15	14.392	21556	18	0.02	30.7	105.7	Clear	No Odor
13:42	12	3	gpm	80.20	7.9	10.19	14.33	22482	18	0.05	30.3	108.7	Clear	No Odor
13:46	16	3	gpm	80.24	7.95	11.86	13.09	23664	18	0.05	34.2	69	Clear	No Odor
13:50	20	3	gpm	80.26	7.93	11.83	13.07	23669	18	0.03	34.4	69.5	Clear	No Odor
13:55	25	3	gpm	80.26	7.94	11.89	13.07	23672	18	0.04	34.5	72.4	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
18	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments:

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:

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

Client:	Pacific Gas and Electric	Location ID:	C-BNS	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	16		
Sample Time:	10:30	Sample ID:	C-BNS-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
10:30	8.15	0.49	0.64	961	1	8.11	17.5	102.4	Clear	No Odor

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

Comments: 2102138.88 N
7616945.47 E
Raw Conductivity: 827 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-CON-D	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	12		
Sample Time:	09:40	Sample ID:	C-CON-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:40	8.22	0.48	0.63	961	2	7.96	18.3	100.2	Clear	No Odor

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

Comments: 2105631.65 N
7614087.74 E
Raw Conductivity: 841 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-CON-S	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	MS/MSD / C-CON-S-Q225			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	12		
Sample Time:	09:50	Sample ID:	C-CON-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
09:50	8.23	0.48	0.63	963	2	7.86	18.4	99.6	Clear	No Odor

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

Comments: 2105631.65 N
7614087.74 E
Raw Conductivity: 846 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-I-3-D	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	13		
Sample Time:	09:15	Sample ID:	C-I-3-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:15	8.15	0.49	0.64	957	2	8.03	17.2	102.8	Clear	No Odor

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

Comments: 2101054.44 N
7617743.35 E
Raw Conductivity: 822 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-I-3-S	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	13		
Sample Time:	09:25	Sample ID:	C-I-3-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:25	8.14	0.49	0.64	957	2	8.11	17.1	96.8	Clear	No Odor

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

Comments: 2101054.44 N
7617743.35 E
Raw Conductivity: 818 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-MAR-D	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	5		
Sample Time:	08:40	Sample ID:	C-MAR-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:40	8.45	0.5	0.65	1003	8	6.86	18.9	95.6	Clear	No Odor

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

Comments: 2102571.77 N
7617738.43 E
Raw Conductivity: 890 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-MAR-S	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	5		
Sample Time:	08:50	Sample ID:	C-MAR-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:50	8.35	0.5	0.65	998	7	6.26	19	95.8	Clear	No Odor

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

Comments: 2102571.77 N
7617738.43 E
Raw Conductivity: 893 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR1-D	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	10		
Sample Time:	10:00	Sample ID:	C-NR1-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:00	8.25	0.48	0.63	960	2	7.86	18.3	103.8	Clear	No Odor

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

Comments: 2106025.25 N
7613282.81 E
Raw Conductivity: 840 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR1-S	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	Duplicate / MW-905-Q225			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	10		
Sample Time:	10:10	Sample ID:	C-NR1-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
10:10	8.21	0.48	0.64	963	2	7.88	18.3	101.8	Clear	No Odor

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

Comments: None

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR3-D	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	MS/MSD / C-NR3-D-Q225			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	7		
Sample Time:	10:30	Sample ID:	C-NR3-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
10:30	8.24	0.48	0.64	962	3	7.86	18.4	99.6	Clear	No Odor

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

Comments: 2106754.73 N
7611724.76 E
Raw Conductivity: 842 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR3-S	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	7		
Sample Time:	10:40	Sample ID:	C-NR3-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:40	8.27	0.48	0.64	960	2	7.86	18.4	97.6	Clear	No Odor

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

Comments: 2106754.73 N
7611724.76 E
Raw Conductivity: 842 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR4-D	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	9		
Sample Time:	10:55	Sample ID:	C-NR4-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
10:55	8.33	0.48	0.64	961	2	7.89	18.5	100.9	Clear	No Odor

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

Comments: 2108624.75 N
7607999.68 E
Raw Conductivity: 844 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR4-S	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	9		
Sample Time:	11:10	Sample ID:	C-NR4-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
11:10	8.29	0.48	0.64	962	2	7.93	18.4	100.7	Clear	No Odor

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

Comments: 2108624.75 N
7607999.68 E
Raw Conductivity: 843 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R22A-D	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	8		
Sample Time:	09:55	Sample ID:	C-R22A-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
09:55	8.18	0.49	0.63	956	1	7.99	17.8	100.9	Clear	No Odor

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

Comments: 2101639.44 N
7616968.51 E
Raw Conductivity: 830 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R22A-S	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	8		
Sample Time:	10:10	Sample ID:	C-R22A-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:10	8.19	0.49	0.64	960	2	7.95	17.8	105.2	Clear	No Odor

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

Comments: 2101639.44 N
7616968.51 E
Raw Conductivity: 833 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R27-D	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	8		
Sample Time:	10:45	Sample ID:	C-R27-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
10:45	8.2	0.49	0.64	960	1	7.96	17.5	99.6	Clear	No Odor

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

Comments: 2102558.85 N
7616720.41 E
Raw Conductivity: 826 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R27-S	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	8		
Sample Time:	11:00	Sample ID:	C-R27-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
11:00	8.18	0.49	0.64	961	1	8.02	17.6	96.8	Clear	No Odor

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

Comments: 2102558.85 N
7616720.41 E
Raw Conductivity: 829 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-TAZ-D	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	13		
Sample Time:	08:45	Sample ID:	C-TAZ-D-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
08:45	8.06	0.48	0.63	962	2	8.12	17.7	105.3	Clear	No Odor

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

Comments: 2100869.88 N
7618855.11 E
Raw Conductivity: 829 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-TAZ-S	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	13		
Sample Time:	09:00	Sample ID:	C-TAZ-S-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:00	8.15	0.48	0.63	959	2	7.93	17.5	105.2	Clear	No Odor

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

Comments: 2100869.88 N
7618855.11 E
Raw Conductivity: 826 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	R-19	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	5		
Sample Time:	09:05	Sample ID:	R-19-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:05	8.21	0.48	0.63	963	2	7.69	18.7	99.6	Clear	No Odor

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

Comments: 2103321.25 N
7616190.41 E
Raw Conductivity: 849 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	R-28	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	Duplicate / MW-930-Q225			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	5		
Sample Time:	11:15	Sample ID:	R-28-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
11:15	8.14	0.49	0.64	955	2	7.86	18.3	95.8	Clear	No Odor

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

Comments: 2103079.29 N
7616318.22 E
Raw Conductivity: 826 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	R63	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	5		
Sample Time:	09:40	Sample ID:	R63-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:40	8.18	0.48	0.63	961	3	7.85	18.4	89.6	Clear	No Odor

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

Comments: 2100795.18 N
7617358.75 E
Raw Conductivity: 844 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	RRB	Date(s):	05-15-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Dip Cup		
Static Water Level (m-bmp):	0			Water Depth:	2		
Sample Time:	09:20	Sample ID:	RRB-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:20	8.39	0.48	0.63	962	5	6.25	18.7	89.6	Clear	No Odor

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

Comments: 2104538.22 N
7615234.85 E
Raw Conductivity: 849 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	SW1	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Dip Cup		
Static Water Level (m-bmp):	0			Water Depth:	2		
Sample Time:	12:30	Sample ID:	SW1-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
12:30	8.12	0.49	0.65	960	2	7.86	18.2	96.5	Clear	No Odor

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

Comments: 2101306.29 N
7616723.81 E
Raw Conductivity: 837 us/cm

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

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	SW2	Date(s):	05-14-2025	Work Order(s):	PGE_Topock_2025_Q2_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Dip Cup		
Static Water Level (m-bmp):	0			Water Depth:	2		
Sample Time:	12:45	Sample ID:	SW2-Q225		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity ($\mu\text{S}/\text{cm}^\circ$)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^\circ\text{C}$)	Redox (mV)	Appearance	
									Color	Odor
12:45	8.09	0.49	0.65	959	3	7.69	18.2	92.8	Clear	No Odor

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

Comments: 2101075.42 N
7616906.14 E
Raw Conductivity: 836 us/cm

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

$\mu\text{S}/\text{cm}$ = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
 $^\circ\text{F}$ = degrees Fahrenheit
 $^\circ\text{C}$ = degrees Celsius