



TOPOCK BOREHOLE DECOMMISSIONING AND ACCEPTANCE REPORT REMEDIATION WELLS

Borehole Location Name: TWB-02 (Note: Documentation referencing TWB-2 is in reference to TWB-02.)

Screen Zone (feet below ground surface [bgs]): Borehole decommissioned. No well installed

Dates Pilot Borehole Drilling: 3/22/2022 - 3/24/2022

Dates Pilot Borehole Decommissioning: 3/29/2022 – 3/31/2022

Dates Well Head Completion: NA

Dates of Development: NA

Well Testing Conducted	Required (Y/N)	Dates	Comments*
Alignment Test	N		
Specific Capacity Test	N		
Injectivity Test	N		
Plumbness Test (Gyroscope)	N		
Spinner Log	N		
Downhole Video	N		

^{*}Borehole decommissioned. No testing required.

Acceptance Criteria

☑ **Meets Design Criteria for Construction** – The borehole did not meet the design criteria for the construction of the extraction well.

- Comments: The alluvial aquifer targeted for the extraction zone was not present at this location.

 Bedrock was encountered at a higher elevation (shallower) than observed at other nearby

 monitoring wells. The alluvial aquifer was also thinner than expected at TWB-01, which is an
 extraction well installed east of the abandoned TWB-02 borehole.
- The collection of a vertical aquifer sample was attempted from 85 to 90 feet bgs. The water quality parameters suggested that the water purged from the interval was drilling water and not representative of the aquifer. A water sample was not collected.
- A vertical aquifer sample was collected from 97 to 102 feet bgs. The formation for this interval
 was lower yielding and the analytical results were below detectable limits for Cr6 and the sampled
 interval was low yielding.
- The lack of an alluvial aquifer and the low yielding bedrock aquifer suggested that an extraction well installed at this location would not meet the design criteria and the borehole was permanently decommissioned (see Pilot Boring Decommissioning Log).

Goal from 100% Design:	NA
Tested Rates	
(gallons per minute [gpm]):	NA
Specific Injectivity	NA
Comments	Borehole decommissioned

☐ Well	Functions a	as Designed
--------	-------------	-------------

Comments: Not applicable. Borehole decommissioned.

Comments: Not applicable. Borehole decommissioned.

Meets Design Criteria for Turbidity (Turbidity less than 50 NTU)

Comments: Not applicable. Borehole decommissioned.

Final Turbidity for Vertical Aquifer Sample

Screen Zone	Turbidity (NTUs)
Not applicable. Borehole decommissioned.	>1000

⊠ Other Water Quality Parameters

Water Quality Parameters for Vertical Aquifer Sample

Screen Depths	Temp (C)	рН	ORP (mV)	Cond (mS/cm)	DO
97 to 102	26.8	9.11	-232.4	7.897	1.85

ATTACHMENTS

- Pilot Boring Log
- Pilot Boring Decommissioning Log
- Photo Logs

NOTE: Field documentation for all phases of pilot boring drilling and decommissioning are included in the Daily Well Construction Reports. The Daily Well Construction Reports for the drilling program during Phase 2a are compiled and organized by date in the Appendix A - Daily Well Construction Report Catalog. The DoR Daily Well Construction Quality Control Reports for the drilling program during Phase 2a are compiled and organized by date in the Appendix B - DoR Daily Well Construction Quality Control Reports Catalog. Analytical reports are compiled and organized by well in Appendix C – Analytical Reports The technical scopes were performed by or under the direct supervision of Designer of Record (DoR) Professional Geologists (see attached Certification Statement).

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ACCEPTANCE APPROVAL

DoR Approver Name: Greg Foote

Approval Signature/Date:

DATE 1/31/23

Attachment 1

Boring Log

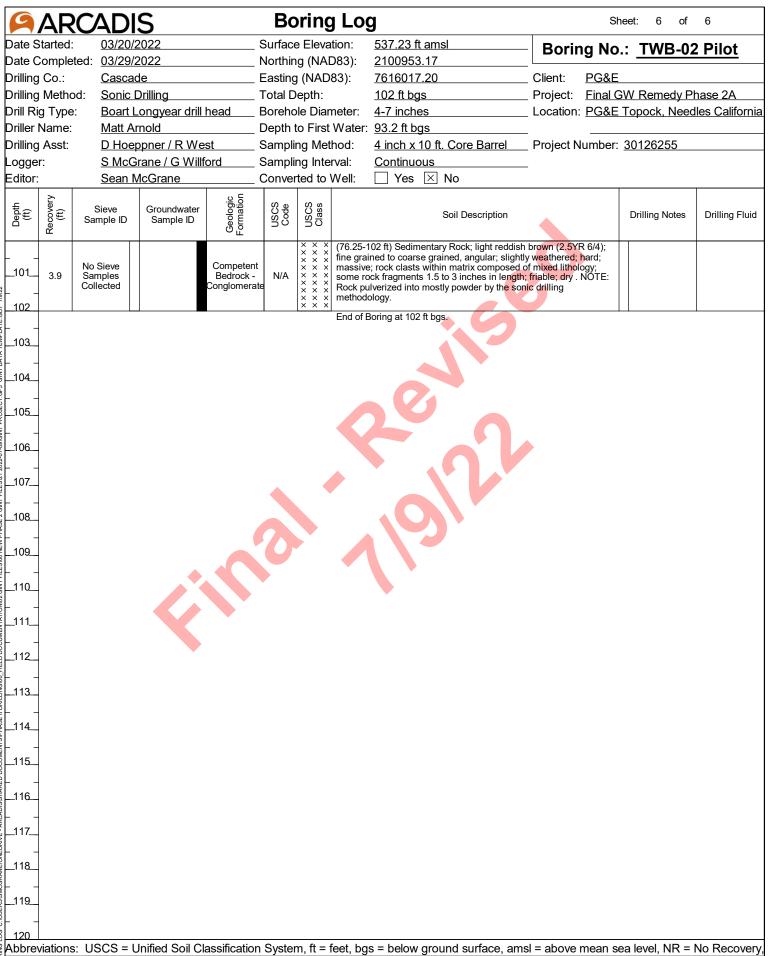
9	AR	CADI	S		Вс	oring	Log	<u> </u>			She	eet: 1 of	6
Date S			2022		Surface	e Elevati	ion:	537.23 ft an	nsl	Borin	na No	: <u>TWB-02</u>	Pilot
	-	ted: <u>03/29/</u>				ng (NAD		2100953.17	,	_		. <u>177D-02</u>	<u> </u>
Drilling		<u>Casca</u>			_	g (NAD8	33):	7616017.20		_ Client:	PG&E		
Drilling					Total D	-		102 ft bgs				N Remedy Pl	
Drill Ri Driller		: <u>Boart I</u> Matt A	Longyear drill	nead		ole Diam		4-7 inches 93.2 ft bgs		_ Location:	PG&E I	Гороск, Need	iles California
Drilling			ppner / R We	et .	-	ing Meth		-	ft. Core Barrel	- Project N	 lumber: :	30126255	
Logge			Grane / G Willf			ing Inter		Continuous	ii. Ooro Barror	_ 1 10,00011	14111001. <u>1</u>	00120200	
Editor:			McGrane McGrane		-	rted to W		☐ Yes 区	No	_			
Depth (ft)	Recovery (ft)	Sieve Sample ID	Groundwater Sample ID	Geologic Formation	USCS	USCS Class			Soil Description			Drilling Notes	Drilling Fluid
- 1	7	No Sieve Samples Collected	No Groundwater Samples Collected	Alluvium Deposits	SM		to very c to subar little silt;	oarse grained, a igular; little smal	ingravel (SM); brown (ingular to subround; li lo large pebbles, an NOTE: Pebbles completed in the large pebbles completed in	ttle granules, gular to subar	angular ngular;	(0.0 - 5.0') Air-knifed for utility clearance on 3/20/22. Samples collected for logging at approximately 1 ft., 3 ft., and 5 ft. bgs.	(8.0 - 17.0') No drilling fluid used (8.0 - 17.0') No drilling fluid used

9	AR	CAD	S		Вс	ring	y Log	g		She	et: 2 of	6
Date S					Surface	e Eleva	ition:	537.23 ft amsl	Borin	ia No .	TWB-02	Pilot
		ted: <u>03/29/</u>	2022		Northin			2100953.17	_		1110 02	<u>. 1 110t</u>
Drilling		<u>Casca</u>			Easting	• •	83):	7616017.20	_ Client:	PG&E		
Drilling			•		Total D	-		102 ft bgs	-		V Remedy Pl	
Drill Ri			Longyear drill	head	Boreho			4-7 inches	_ Location:	PG&E I	opock, Need	les California
Driller		Matt A			•			93.2 ft bgs	– Droiget N		0106055	
Drilling Logge			eppner / R We Grane / G Willf		Sampli Sampli	-		4 inch x 10 ft. Core Barrel Continuous	_ Project iv	umber: 3	0120233	
Editor:			McGrane	<u>oru</u>	Conve	-		☐ Yes ☒ No	_			
Laitor.		<u>ocan</u>	T				VVCII.					
Depth (ft)	Recovery (ft)	Sieve Sample ID	Groundwater Sample ID	Geologic Formation	SOSO	USCS Class		Soil Description			Drilling Notes	Drilling Fluid
21	7			Alluvium Deposits	SM		to very of pebbles subango	If ft) Silty sand with gravel (SM); brown coarse grained, angular to subangular, angular to subangular, angular to subangular; trace small cobbles, angular; little Pebbles component composed of mix	; litt <mark>le small to</mark> s, angular to e silt; trace cla	large	(23.0 - 24.0') Rough drilling (26.0 - 27.0') Rough drilling	(23.0 - 24.0') No drilling fluid used (26.0 - 27.0') No drilling fluid used
27 28 29				Alluvium Deposits	SM		coarse (t) Silty sand (SM); brown (7.5YR 5/4); grained, angular to subangular; little s to subangular; trace small to medium ular; trace clay; dry.	ilt; trace granu	iles,	(27.0 - 32.0') Rough drilling drill rod broke.	(27.0 - 32.0') No drilling fluid used
30 31 	3.5	No Sieve Samples Collected	No Groundwater Samples Collected				to very of pebbles subango	t) Silty sand with gravel (SM); brown (coarse grained, angular to subangular, , angular to subangular; little granules ular; trace small cobbles, angular; little Gravel component composed of mixed	; little small to s, angular to e silt; trace cla	large	(29.0 - 32.0') Hard drilling	(29.0 - 32.0') No drilling fluid used
32 33 34 35 36	4			Alluvium Deposits	SM						(32.0 - 37.0') Rough drilling	(32.0 - 37.0') No drilling fluid used
37 38 39 40	7.9										(37.0 - 47.0') Rough drilling	(37.0 - 47.0') No drilling fluid used

9	AR	CADI	S		Во	ring Lo	g		Sheet: 3 of	6
Date C	-	ted: <u>03/29/2</u>	2022		Northin	e Elevation: g (NAD83):	537.23 ft amsl 2100953.17	_	o.: <u>TWB-02</u>	? Pilot
Drilling Drilling Drill Ri Driller Drilling	Methog Type Name:	: <u>Boart L</u> <u>Matt Ar</u>	Orilling ongyear drill	head	_ Total Depth: _ Borehole Diameter: _ Depth to First Water:		7616017.20 102 ft bgs 4-7 inches : 93.2 ft bgs 4 inch x 10 ft. Core Barrel	_ Location: <u>PG8</u> 	GW Remedy Pl E Topock, Need	
Logge Editor:			<u>rane / G Willfo</u> /IcGrane	ord	-	ng Interval: ted to Well:	Continuous ☐ Yes ☒ No	-		
Depth (ft)	Recovery (ft)	Sieve Sample ID	Groundwater Sample ID	Geologic Formation	opo Code	Class	Soil Description		Drilling Notes	Drilling Fluid
41 42 43 44 45 46	7.9			Alluvium Deposits	SM	to very pebble subance NOTE	ft) Silty sand with gravel (SM); brown (coarse grained, angular to subangular; s, angular to subangular; little granules pular; trace small cobbles, angular; little Gravel component composed of mixed from the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so to the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so to the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so to the gray (5GY 6/1); very fine to very coargular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; trace so the gray (5GY 6/1); very fine to very coargular; little small to large pebbles, angular to subangular; little small to large pebbles, angular to subangular to subangular to subangular to subangular to subangular to	little small to large, angular to e silt; trace clay; dry; lithology. 7.5YR 5/4) little se grained, angular to subangular; nall cobbles, angular to large to subangular;		
47 48 49 50 51 52 53	5.4	No Sieve Samples Collected	No Groundwater Samples Collected	Alluvium Deposits	SM		2.5 ft) Pulverized metadiorite fragment	S.	(47.0 - 54.0') Rough drilling	(47.0 - 54.0') No drilling fluid used
54555657585960	8								(54.0') Core barrel plugged up. (54.1 - 64.0') Rough drilling	(54.0') No drilling fluid used (54.1 - 64.0') No drilling fluid used

9	AR	CADI	S		Вс	ring	y Log	g	SI	neet: 4 of	6
Date S					Surface			537.23 ft amsl	Boring No	.: TWB-02	? Pilot
		ted: <u>03/29/</u>			Northin		•	2100953.17			
Drilling		Casca			Easting		83):	7616017.20	Client: PG&E		
Drilling					Total D	-		102 ft bgs	Project: Final (•	
Drill Rio Driller I			<u>_ongyear drill</u>	<u>nead</u>	Boreho			4-7 inches	Location: PG&E	тороск, мееа	ies California
Drilling		Matt A	ppner / R We	ot .	Sampli			93.2 ft bgs 4 inch x 10 ft. Core Barrel	. Project Number:	20126255	
Logge			<u> ppnei / R we</u> Grane / G Willf		Sampli	•		Continuous	Project Number.	30120233	
Editor:			McGrane	<u>oiu</u>	Conver	-		Yes X No			
Luitoi.		<u>ocarri</u>	VIOGIANO		1		VVCII.	163 140			
Depth (ft)	Recovery (ft)	Sieve Sample ID	Groundwater Sample ID	Geologic Formation	USCS	USCS Class		Soil Description		Drilling Notes	Drilling Fluid
61	8			Alluvium Deposits	SM		greenisl subangu little gra little silt	t) Silty sand with gravel (SM); brown (7 n gray (5GY 6/1); very fine to very coarsular; little small to large pebbles, angulanules, angular to subangular; trace small trace clay; weak cementation; dry; NC ent composed of mixed lithology.	se grained, angular to ar to subangular; all cobbles, angular;		
64 65				Alluvium Deposits	SM		very fine granules	t) Silty sand with gravel (SM); light redc to very coarse grained, angular to sub s, angular to subangular; little small to to subangular; little silt; trace clay; dry.	oangular; little medium pebbles,	(64.0 - 67.0') Rough drilling, 1 ft. of slough was included	(64.0 - 67.0') No drilling fluid used
66 67	4			Alluvium	SM		fine to v	t) Silty sand with gravel (SM); light brovery coarse grained, angular to subanguto subangular; little small to medium pular; little silt; trace clay; dry.	ılar; little granules,	in the core bag sample.	
 68 69				Deposits	2			10)		(67.0 - 77.0') Rough drilling	(67.0 - 77.0') No drilling fluid used
70		No Sieve Samples Collected	No Groundwater Samples Collected	Alluvium Deposits	SM		very fine granules angular	ft) Silty sand with gravel (SM); very da to very coarse grained, angular to sub s, angular to subangular; little small to to subangular; little silt; trace clay; dry. L.5 ft) Silty sand with gravel (SM); light I	pangular; little medium pebbles,		
71 72 73 74	7			Alluvium Deposits	SM	×××	very fine granules angular	e to very coarse grained, angular to sub s, angular to subangular; little small to to subangular; little silt; trace clay; dry.	eangular; little medium pebbles,		
75 76				Weathered Bedrock - Conglomera	N/A	X X X X X X X X X X X X X X X X X X X	fine grai rock cla NOTE: methodo		weathered; massive; thology; friable; dry; the sonic drilling		
77 78 79 80	7			Competen Bedrock - Conglomera	N/A	* * * * * * * * * * * * * * * * * * *	some ro Rock pu methodo	02 ft) Sedimentary Rock; light reddish ned to coarse grained, angular; slightly s; rock clasts within matrix composed o ick fragments 1.5 to 3 inches in length; liverized into mostly powder by the soni plogy.	y weathered; hard; f mixed lithology; friable; dry . NOTE:	(77.0 - 87.0') Very hard drilling, core barrel locked up in hole, had to flush casing over it to free the barrel.	(77.0 - 87.0') 280 gallons of water used; 250 gallons of water recovered; 30 gallons of water lost

9	AR	CADI	S		Вс	ring	g Log	3		She	eet: 5 of	6
	Started				Surface			537.23 ft amsl	Borin	ia No.	: <u>TWB-02</u>	2 Pilot
Date C	Comple	ted: <u>03/29/</u>	2022		Northin	- '	•	2100953.17			. <u> </u>	<u> </u>
Drilling		<u>Casca</u>			Easting		83):	7616017.20	Client:	PG&E		
Drilling			Drilling		Total D			102 ft bgs	Project: Final GW Remedy Phase Location: PG&E Topock, Needles			
Drill Ri			<u>ongyear drill</u>	head	Boreho			4-7 inches	Location:	PG&E	Fopock, Need	<u>les California</u>
Driller					-			93.2 ft bgs	D!4 N		20400055	
Drilling			ppner / R We		Sampli	-		4 inch x 10 ft. Core Barrel	Project N	umber:	30126255	
Logge Editor:			<u> Grane / G Willt</u> McGrane	iora	Sampli Convei	•		Continuous ☐ Yes ☒ No	•			
Luitoi.		<u>ocaii i</u>	VICOIAIIC				VVCII.					
Depth (ft)	Recovery (ft)	Sieve Sample ID	Groundwater Sample ID	Geologic Formation	USCS	USCS Class		Soil Description			Drilling Notes	Drilling Fluid
81 82 83 84 85 86 87	7		No Groundwater Samples Collected			X X X X X X X X X X X X X X X X X X X	fine grai massive some ro Rock pu methodo	02 ft) Sedimentary Rock; light reddish ned to coarse grained, angular; slightly; rock clasts within matrix composed ock fragments 1.5 to 3 inches in length; lverized into mostly powder by the son logy.	weathered; I f mixed litholo friable; dry .	hard; ogy;		
	4	No Sieve Samples Collected	(85-90 water was not representative of aquifer) 3/24/2022	Competen Bedrock - Conglomera	N/A	X X X X X X X X X X X X X X X X X X X					(87.0 - 92.0') Rough drilling	(87.0 - 92.0') No drilling fluid used
93						× × × × × × × × × × × × × × × × × × ×				3	(92.0 - 97.0') Rough drilling	(92.0 - 97.0') No drilling fluid used
 94						× × × ×						
	2.5					× × × × ×						
95	3.5					× × ×						
						× × × × × × ×						
96						× × ×						
L _						× × × × × ×						
97						× × ×						
-						× × × × × ×						
98 99	3.9		TWB-2- VAS-97-102 (<0.025 ppb) 3/29/2022 10:01									
100						lx x x	1				1	

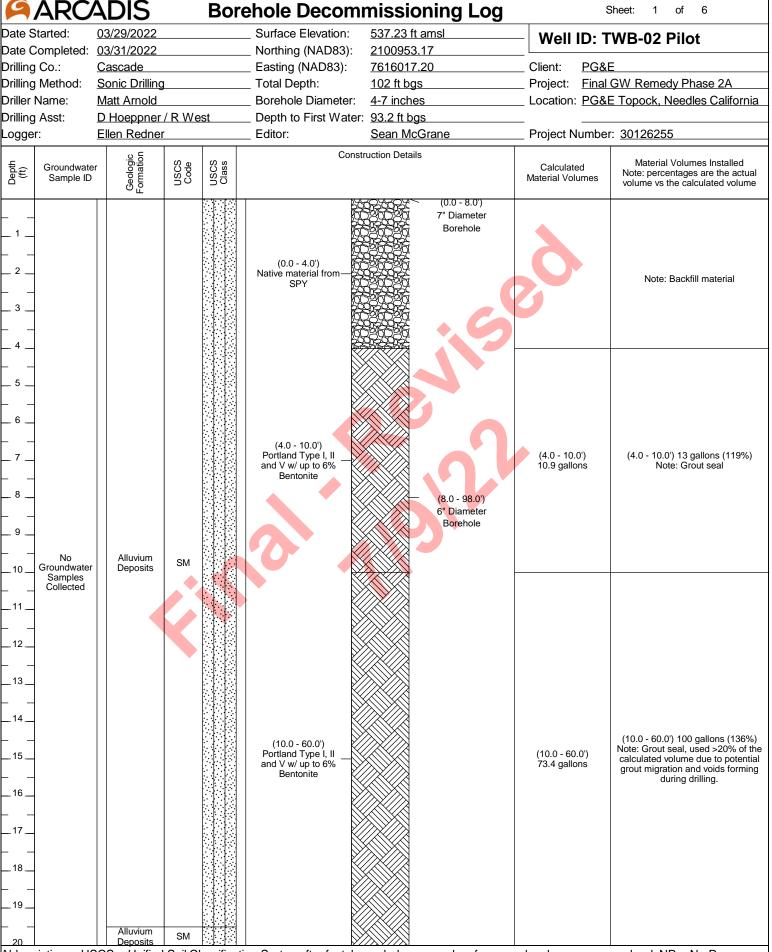


N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Apparent partial recoveries can be the result of potential

compaction of sediments in the core bag.

Attachment 2

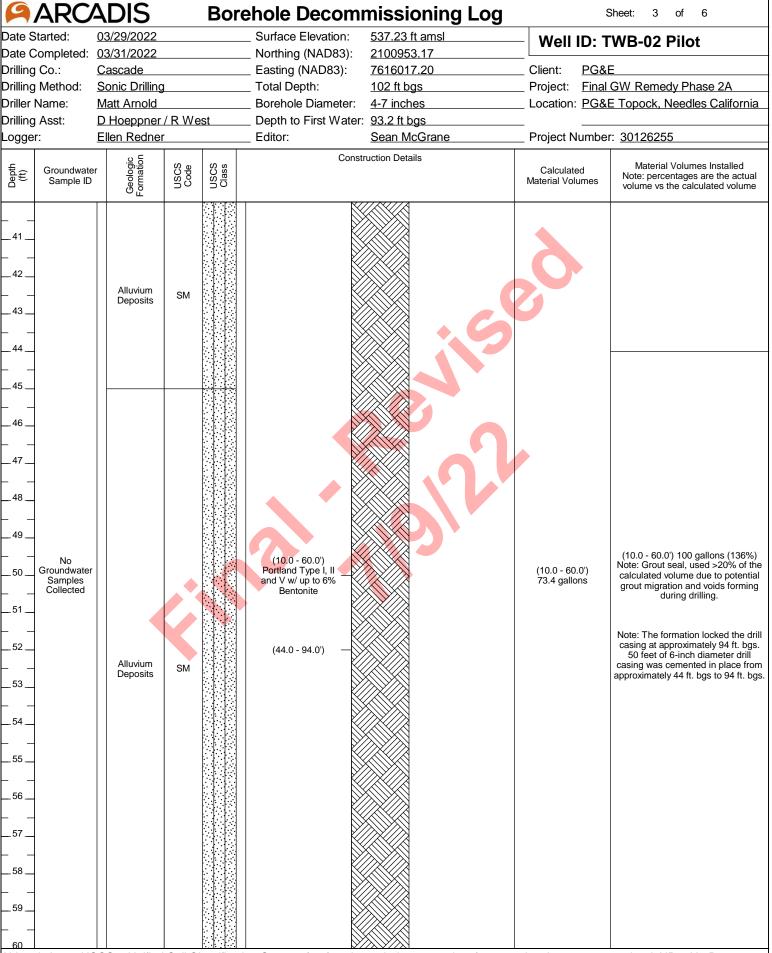
Borehole Decommissioning Log



Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, NR = No Recovery, N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Granular backfill material was removed during overdrilling of the pilot borehole.

9	ARC	ADIS		Bor	ehole Decom	missioning Log		Sheet: 2 of 6
Date Started: Date Completed: Drilling Co.: Drilling Method: Driller Name:		03/29/2022			_ Surface Elevation: _ Northing (NAD83): _ Easting (NAD83): _ Total Depth: _ Borehole Diameter:	537.23 ft amsl 2100953.17 7616017.20 102 ft bgs 4-7 inches	Client: <u>PG&</u> Project: <u>Fina</u>	TWB-02 Pilot E I GW Remedy Phase 2A E Topock, Needles California
Drilling	Asst:	D Hoeppner		est	_ Depth to First Water:			•
Depth (ft)	Groundwate		USCS Code	USCS Class	Editor:	Project Number Calculated Material Volumes	Material Volumes Installed Note: percentages are the actual volume vs the calculated volume	
21	No Groundwater Samples Collected	Alluvium Deposits Alluvium Deposits	SM		(10.0 - 60.0') Portland Type I, II and V w/ up to 6% Bentonite		(10.0 - 60.0') 73.4 gallons	(10.0 - 60.0') 100 gallons (136%) Note: Grout seal, used >20% of the calculated volume due to potential grout migration and voids forming during drilling.

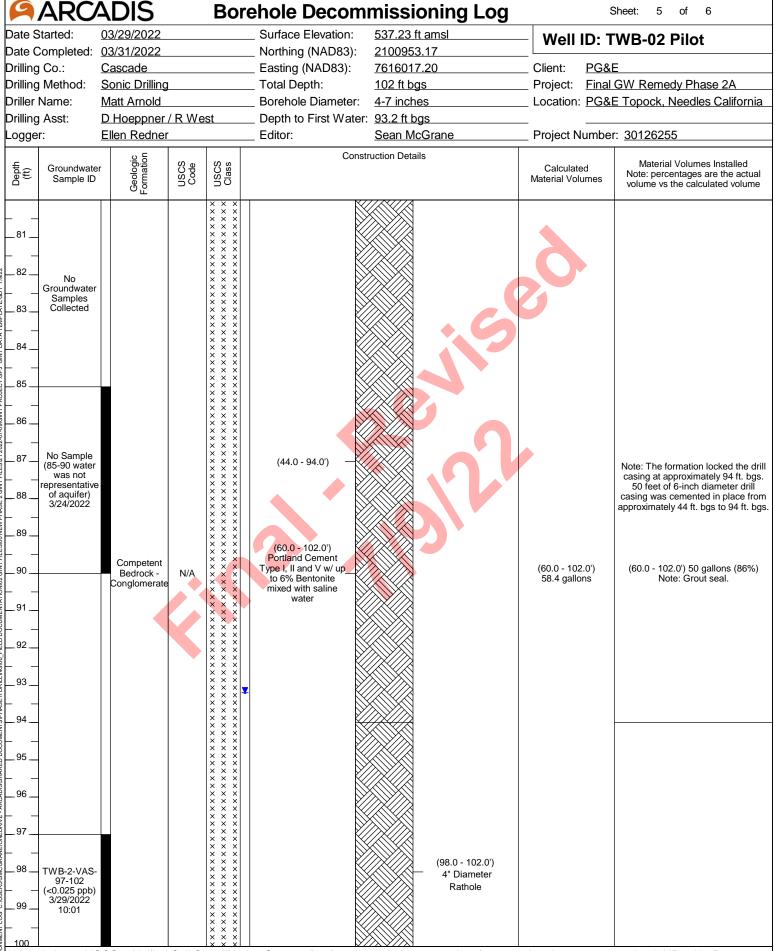
Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, NR = No Recovery, N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Granular backfill material was removed during overdrilling of the pilot borehole.



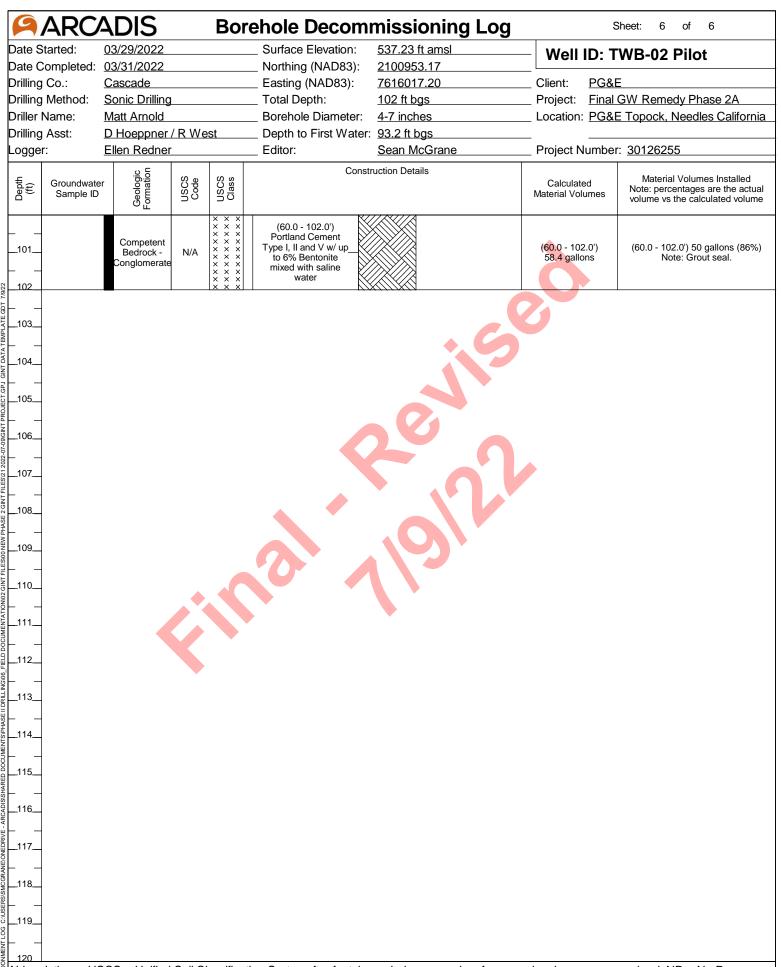
Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, NR = No Recovery, N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Granular backfill material was removed during overdrilling of the bilot borehole.

9	ARC/	ADIS		Bor	ehole Decom	missioning Log	S	Sheet: 4 of 6
Date S	tarted:	03/29/2022			Surface Elevation:	537.23 ft amsl	Well ID: T	WB-02 Pilot
	-	03/31/2022			Northing (NAD83):	2100953.17	_	
Drilling		Cascade			Easting (NAD83):	7616017.20	_ Client: PG&I	
-		Sonic Drilling				102 ft bgs		GW Remedy Phase 2A
Driller I		Matt Arnold	/ D \\/a	ot.	Borehole Diameter:	4-7 inches	_ Location: PG&I	E Topock, Needles California
Drilling Logge		Ellen Redner		:51	<pre>_ Depth to First Water: _ Editor:</pre>	Sean McGrane	Project Number	: 30126255
		.2 G			Constr	uction Details	-	
Depth (ft)	Groundwater Sample ID	Geologic	Code	USCS	N/	//N///A	Calculated Material Volumes	Material Volumes Installed Note: percentages are the actual volume vs the calculated volume
61 62 63 64		Alluvium Deposits	SM				6	
 65		Alluvium Deposits	SM		(60.0 - 102.0') Portland Cement Type I, II and V w/ up to 6% Bentonite		(60.0 - 102.0') 58.4 gallons	(60.0 - 102.0') 50 gallons (86%) Note: Grout seal.
666768697171	No Groundwater Samples Collected	Alluvium Deposits Alluvium Deposits Alluvium Deposits	SM SM		mixed with saline water (44.0 - 94.0')		58.4 gallons	Note: The formation locked the drill casing at approximately 94 ft. bgs. 50 feet of 6-inch diameter drill casing was cemented in place from approximately 44 ft. bgs to 94 ft. bgs.
75 75 76		Weathered Bedrock - Conglomerate	N/A	X X X X X X				
		Competent Bedrock - Conglomerate	N/A	× × × × × × × × × × × × × × × × × × ×				

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, NR = No Recovery, N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Granular backfill material was removed during overdrilling of the billot borehole.



Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, NR = No Recovery, N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Granular backfill material was removed during overdrilling of the pilot borehole.



Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, NR = No Recovery, N/A = Not Applicable, GW = groundwater, ppb = parts per billion, Notes: Solid blue water table marks represent depth to water (ft. bgs.) measured during the first VAS interval, depth to water could not be determined from soil cores. Granular backfill material was removed during overdrilling of the pilot borehole.

Attachment 3

Photo Logs



Arcadis PROJECT NO: 30126255

WELL CORE PHOTO LOG TWB-02 Pilot 0 to 102 ft PROJECT NAME / LOCATION:

Topock Compressor Station, Needles, California

PHOTOS LAST ADDED: 3/29/2022



Core Depth: 5 to 8

Description: Samples (0-5' bgs) previously collected for logging during air knifing activities. Date: 3/29/2022

Date: 3/29/2022

Core Depth: 8 to 17 Description:

Core Depth: 8 to 17 Description: Date: 3/29/2022



Core Depth: 8 to 17 Description: Date: 3/29/2022

Core Depth: 17 to 22 **Description:** Date: 3/29/2022

Description: Date: 3/29/2022



Arcadis PROJECT NO: 30126255

WELL CORE PHOTO LOG
TWB-02 Pilot 0 to 102 ft

PROJECT NAME / LOCATION:

Topock Compressor Station, Needles, California

PHOTOS LAST ADDED: 3/29/2022



Core Depth: 27 to 32 Description: Date: 3/29/2022 Core Depth: 32 to 37 Description: Date: 3/29/2022 Core Depth: 37 to 42 Description: Date: 3/29/2022



Core Depth: 42 to 47 Description: Date: 3/29/2022 Core Depth: 47 to 54 Description: Date: 3/29/2022 Core Depth: 47 to 54 Description: Date: 3/29/2022



Arcadis PROJECT NO: 30126255

WELL CORE PHOTO LOG
TWB-02 Pilot 0 to 102 ft

PROJECT NAME / LOCATION:

Topock Compressor Station, Needles, California

PHOTOS LAST ADDED: 3/29/2022



Core Depth: 54 to 59 Description: Date: 3/29/2022 Core Depth: 59 to 64 Description: Date: 3/29/2022 Core Depth: 64 to 67 Description: Date: 3/23/2022



Core Depth: 67 to 72 Description: Date: 3/23/2022 Core Depth: 72 to 77 Description: Date: 3/23/2022 Core Depth: 77 to 82 Description: Date: 3/23/2022



Arcadis PROJECT NO: 30126255

WELL CORE PHOTO LOG
TWB-02 Pilot 0 to 102 ft

PROJECT NAME / LOCATION:

Topock Compressor Station, Needles, California

PHOTOS LAST ADDED: 3/29/2022



Core Depth: 82 to 87.5

Description: Date: 3/23/2022 Core Depth: 84.5 to 87

Description: Date: 3/23/2022 Core Depth: 87 to 92 Description:

Date: 3/23/2022



Core Depth: 92 to 97 Description:

Date: 3/23/2022

Core Depth: 97 to 102

Description: Date: 3/29/2022