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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine canyon	Project No.:	(RS) ~~S019-1074~~ S020.1026
Well I.D.:	MW-6	Sampling Date:	2/17/2020
Collected By:	CV	Purge start Time:	1250
Casing Diameter (inches):	2	Purge Stop time:	13:47
Starting Water Level:	16.30	Sampling (Well Recovery) Time:	200
Total Depth (feet):	23.50	Ending Water Level (feet):	
Water column (feet):	7.20	Total Purged (gallons):	
Screen Length (feet):	—	Duplicate Sample:	YES NO
Sample Method:	Micro Purge Low Flow		
Horiba Model S/N:			

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1304	1/2	16.85	7.28	3.64	2.6	6.56	24.41	-278
1310	3/4	17.00	7.27	3.63	1.4	4.26	24.40	-292
1316	1	17.01	7.24	3.63	0.2	4.07	24.51	-300
1322	1 1/4	17.14	7.21	3.62	0.0	4.06	24.43	-304
1328	1 1/2	17.18	7.19	3.63	0.0	3.69	24.19	-302
1335	1 3/4	17.15	7.17	3.63	0.0	3.46	24.38	-306
1339	2	17.18	7.16	3.63	0.0	3.25	24.40	-309
1343	2 1/4	17.18	7.17	3.63	0.0	3.24	24.47	-310
1347	2 1/2	17.18	7.17	3.64	0.0	3.23	24.60	-309

Purge Sampling Rates: 20 PSI Refill (30) Discharge (5)

Well condition: OK, water has strong odor. Greyish Tint

Additional Info/Comments: sunny, Hot, windy

Name: Christian valenzuela Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine canyon Well ID: MW-6 Date: 2-17-2020

Access:

Accessibility: Good: _____ Fair: _____ Poor: ✓

Vicinity of well clear of weeds and/or debris: Yes: _____ No: ✓

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: Had to trim Tree! Had to come through side Gate and carry All Equipment and Bottle to well

Concrete Pad:

Integrity: Good: ✓ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: Looks good

Protective Outer Casing: Material: metal

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: _____ Damaged: _____

Remarks: All looks good.

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks:

Dedicated Pump: Type: Bladder

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: Christian [illegible] Field Tech 2/17/2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	SUNSHINE CANYON	Project No.:	S020.1006
Well I.D.:	MW-9	Sampling Date:	2/18/2020
Collected By:	NR	Purge start Time:	1148
Casing Diameter (inches):	4	Purge Stop time:	1229
Starting Water Level:	22.14	Sampling (Well Recovery) Time:	1249
Total Depth (feet):	26.70	Ending Water Level (feet):	22.29
Water column (feet):	4.56	Total Purged (gallons):	1¼+
Screen Length (feet):	—	Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	U-52/RN6JDSKW		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1158	¼	22.21	6.56	4.20	0.0	0.00	23.01	-71
1206	½	22.23	6.56	4.20	0.0	0.00	22.99	-77
1214	¾	22.25	6.56	4.20	0.0	0.00	23.03	-78
1221	1	22.27	6.56	4.20	0.0	0.00	23.06	-79
1229	1¼	22.29	6.56	4.20	0.0	0.00	23.13	-79

Purge Sampling Rates: PSI 25 Refill (25) Discharge (~~7~~) NR (4.5)

Well condition: GOOD, WATER HAS YELLOW TINT

Additional Info/Comments: SUNNY, some clouds, breezy

Name: Nicholas Reason Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: SUNSHINE CANYON Well ID: MW-9 Date: 2/18/2020

Access:

Accessibility: Good: _____ Fair: ✓ Poor: _____

Vicinity of well clear of weeds and/or debris: Yes: ✓ No: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: CARRIED SAMPLING EQUIPMENT AND BOTTLES TO WELL

Concrete Pad:

Integrity: Good: ✓ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks:

Protective Outer Casing: Material: METAL (FLUSH MOUNT)

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: ✓ Damaged: _____

Remarks:

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks:

Dedicated Pump: Type: BLADDER

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): NA Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/18/2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine Canyon	Project No.:	5020-1006
Well I.D.:	MW-13R	Sampling Date:	2-18-2020
Collected By:	CV	Purge start Time:	1240
Casing Diameter (inches):	4	Purge Stop time:	1313
Starting Water Level:	16.88	Sampling (Well Recovery) Time:	1333
Total Depth (feet):	27.80	Ending Water Level (feet):	17.25
Water column (feet):	10.92	Total Purged (gallons):	1 1/2
Screen Length (feet):	—	Duplicate Sample:	YES NO (NO circled)
Sample Method:	Micro Purge (circled) Low Flow		
Horiba Model S/N:	U-52 WGFP8GRS		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1253	1/2	17.13	7.99	1.66	0.0	4.78	24.40	-379
1258	3/4	17.18	7.99	1.67	0.0	4.60	24.18	-377
1303	1	17.23	7.99	1.67	0.0	4.31	24.05	-379
1308	1 1/4	17.24	7.99	1.67	0.0	4.23	24.10	-379
1313	1 1/2	17.25	7.99	1.68	0.0	4.13	24.12	-380

Purge Sampling Rates: 30 PSI Refill (30) Discharge (5)

Well condition: Poor, Hole in monument lid due to corrosion, needs Repairs, strong odor from well, water has yellow tint with odor

Additional Info/Comments: Sunny, some clouds, Breezy

Name: Christian Valenzuela Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine Canyon Well ID: MW-13R Date: 2-18-2020

Access:

Accessibility: Good: _____ Fair: ✓ Poor: _____

Vicinity of well clear of weeds and/or debris: Yes: ✓ No: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: Had to carry Equipment and Bottles to well at Entrance

Concrete Pad:

Integrity: Good: ✓ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: In Good shape

Protective Outer Casing: Material: metal

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: _____ Damaged: ✓

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: ✓ Damaged: _____

Remarks: Hole In lid Due to Heavy corrosion. should Be Fixed

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks:

Dedicated Pump: Type: Bladder

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/18/2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine Canyon	Project No.:	(P2S) ~~5019.1074~~ 5020.1006
Well I.D.:	MW-14	Sampling Date:	2-17-2020
Collected By:	CV	Purge start Time:	1130
Casing Diameter (inches):	4	Purge Stop time:	1145
Starting Water Level:	14.09	Sampling (Well Recovery) Time:	1215
Total Depth (feet):	28.10	Ending Water Level (feet):	14.60
Water column (feet):	14.01	Total Purged (gallons):	3 1/2
Screen Length (feet):	–	Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	U-52 W9918615		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
11:33	1	14.41	7.18	3.85	0.0	4.05	22.65	-11
1136	1 1/2	14.44	7.08	3.74	0.0	2.24	22.53	9
1138	2	14.44	7.05	3.72	0.0	1.82	22.53	19
1140	2 1/2	14.44	7.04	3.71	0.0	1.61	22.50	28
1142	3	14.54	7.03	3.70	0.0	1.49	22.49	34
1143	3 1/4	14.51	7.02	3.70	0.0	1.43	22.48	38
1145	3 1/2	14.50	7.02	3.70	0.0	1.40	22.47	42

Purge Sampling Rates: 20 PSI Refill (20) Discharge 10

Well condition: ok water clear with no odor

Additional Info/Comments: sunny, Hot, windy

Name: Christin Valenzuela Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine Canyon Well ID: MW-14 Date: 2-17-2020

Access:

Accessibility: Good: _____ Fair: _____ Poor: ✓

Vicinity of well clear of weeds and/or debris: Yes: _____ No: ✓

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: Had to carry equipment around to well from gate at front due to road being blocked off by black line.

Concrete Pad:

Integrity: Good: ✓ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: looks good

Protective Outer Casing: Material: metal

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: _____ Damaged: _____

Remarks: All looks well

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks:

Dedicated Pump: Type: Bladder

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2-17-2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

SITE: Sunshine Cyn

Well I.D.:	DW-1	Sampling Date:	2-18-20
Collected By:	BS	Purge start Time:	/
Casing Diameter (inches):	4	Purge Stop time:	/
Starting Water Level:	TOC	Sampling Time:	1140
Total Depth (feet):	/	Ending Water Level (feet):	/
Water column (feet):	/	Total Purged (gallons):	/
Screen Length (feet):	/	PID/FID Reading:	/
Purge Volume (gallons):	/	Duplicate Sample:	YES NO
Horiba Model S/N:	R855494H		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ~~µs/cm~~ ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Grab	—	8.78	4.32	0.8	2.10	22.11	-160

Purge Sampling Rates: Collect samples from the drop tube discharge. Low flow with a strong odor.

Well condition: OK - (Monument is Corroding).

Additional Info/Comments: [illegible]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine Gas Well ID: DW-1 Date: 2-18-20

Access:

Accessibility: Good: ✓ Fair: _____ Poor: _____

Vicinity of well clear of weeds and/or debris: Yes: _____ No: ✓

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: Dirt piles around well

Concrete Pad:

Integrity: Good: ✓ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks:

Protective Outer Casing: Material: Metal

Condition of Protective Casing: Good: _____ Damaged: ✓ corosion

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: OK Damaged: _____

Condition of Weepholes: Good: OK Damaged: _____

Remarks: The outer casing is deteriorating.

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: N/A No: _____

Remarks:

Dedicated Pump: Type: Drop tube

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] GM/Manager 2-18-20

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine Canyon	Project No.:	5020.1006
Well I.D.:	DW-2	Sampling Date:	2/19/2020
Collected By:	CV	Purge start Time:	0733
Casing Diameter (inches):	4	Purge Stop time:	0749
Starting Water Level:	24.02	Sampling (Well Recovery) Time:	0810
Total Depth (feet):	70.92	Ending Water Level (feet):	27.33
Water column (feet):	46.90	Total Purged (gallons):	2 1/2
Screen Length (feet):		Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	4-52/WGGP8GRS		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
0740	1	25.95	7.64	2.75	5.7	3.53	16.70	-125
0743	1 1/2	26.40	7.71	2.73	3.4	2.92	16.95	-128
0746	2	26.85	7.73	2.72	2.3	2.81	17.04	-130
0748	2 1/4	27.04	7.74	2.72	2.2	2.83	17.10	-129
0749	2 1/2	27.33	7.75	2.71	2.1	2.83	17.13	-130

Purge Sampling Rates: PS: 40 Refill (30) Discharge (11)

Well condition: OK, water clear with no odor

Additional Info/Comments: Sunny, Chilly, Breezy

Name: Christian Valenzuela Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine Canyon Well ID: DW-2 Date: 2/19/2020

Access:

Accessibility: Good: ✓ Fair: ____ Poor: ____

Vicinity of well clear of weeds and/or debris: Yes: ✓ No: ____

Presence of depressions or standing water around well: Yes: ____ No: ✓

Remarks: All looks good

Concrete Pad:

Integrity: Good: ✓ Inadequate: ____

Presence of depressions or standing water around well: Yes: ____ No: ✓

Remarks: Only half exposed could not see other side.

Protective Outer Casing: Material: metal

Condition of Protective Casing: Good: ✓ Damaged: ____

Condition of Locking Cap: Good: ✓ Damaged: ____

Condition of Lock: Good: ✓ Damaged: ____

Condition of Weepholes: Good: ✓ Damaged: ____

Remarks: All looks good

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: ____

Condition of Riser Cap: Good: ✓ Damaged: ____

Measurment reference point: Yes: ✓ No: ____

Remarks:

Dedicated Pump: Type: Bladder

Condition: Good: ✓ Damaged: ____ Missing: ____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/19/2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine canyon	Project No.:	S020.1006
Well I.D.:	DW-3	Sampling Date:	2/19/2020
Collected By:	CV	Purge start Time:	9:07
Casing Diameter (inches):	4	Purge Stop time:	0921
Starting Water Level:	156.04	Sampling (Well Recovery) Time:	0940
Total Depth (feet):	256.60	Ending Water Level (feet):	159.46
Water column (feet):	100.56	Total Purged (gallons):	2
Screen Length (feet):	— ~~[illegible]~~ CV	Duplicate Sample:	YES NO
Sample Method:	Micro Purge Low Flow		
Horiba Model S/N:	U-52 WGG18G15		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
0911	1/2	157.41	7.69	2.04	0.0	4.50	21.01	-19
0913	3/4	157.84	7.68	2.05	0.0	3.03	20.97	-49
0915	1	158.19	7.66	2.05	0.0	2.94	20.94	-59
0917	1 1/2	158.78	7.65	2.04	0.0	2.70	20.96	-66
0919	1 3/4	159.13	7.65	2.04	0.0	2.68	20.96	-68
0921	2	159.46	7.65	2.04	0.0	2.65	20.96	-69

Purge Sampling Rates: PSi 110 Refill (30) D(18)

Well condition: ok, clear water with no odor.

Additional Info/Comments: Sunny, warm, cool

Name: [signature] Christian Valenzuela Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine Canyon Well ID: DW-3 Date: 2-19-2020

Access:

Accessibility: Good: ✓ Fair: ____ Poor: ____

Vicinity of well clear of weeds and/or debris: Yes: ✓ No: ____

Presence of depressions or standing water around well: Yes: ____ No: ✓

Remarks:

Concrete Pad:

Integrity: Good: ✓ Inadequate: ____

Presence of depressions or standing water around well: Yes: ____ No: ✓

Remarks:

Protective Outer Casing: Material: metal

Condition of Protective Casing: Good: ✓ Damaged: ____

Condition of Locking Cap: Good: ✓ Damaged: ____

Condition of Lock: Good: ✓ Damaged: ____

Condition of Weepholes: Good: ✓ Damaged: ____

Remarks:

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: ____

Condition of Riser Cap: Good: ✓ Damaged: ____

Measurment reference point: Yes: ✓ No: ____

Remarks:

Dedicated Pump: Type: Bladder

Condition: Good: ✓ Damaged: ____ Missing: ____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/19/2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	SUNSHINE CANYON	Project No.:	S020.1006
Well I.D.:	DW-4	Sampling Date:	2/18/2020
Collected By:	NR	Purge start Time:	0959
Casing Diameter (inches):	4	Purge Stop time:	1015
Starting Water Level:	32.32	Sampling (Well Recovery) Time:	1025
Total Depth (feet):	102.50	Ending Water Level (feet):	35.17
Water column (feet):	70.18	Total Purged (gallons):	2½+
Screen Length (feet):	—	Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	U-52/RNGJDSKW		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1005	1	33.77	7.30	3.45	0.0	0.00	21.06	-135
1008	1½	34.32	7.29	3.46	0.0	0.00	21.02	-125
1011	2	34.85	7.30	3.46	0.0	0.00	21.10	-120
1013	2¼	34.98	7.30	3.46	0.0	0.00	21.03	-119
1015	2½	35.17	7.30	3.46	0.0	0.00	21.00	-119

Purge Sampling Rates: PSI 75 Refill (30) DISCHARGE (16)

Well condition: OK, WATER HAS BLACK TINT AND STRONG ODOR

Additional Info/Comments: Sunny, clear, mild temp

Name: Nicholas Reason Signature:

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: SUNSHINE CANYON Well ID: DW-4 Date: 2/18/2020

Access:

Accessibility: Good: _____ Fair: ✓ Poor: _____

Vicinity of well clear of weeds and/or debris: Yes: ✓ No: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: HAD TO CARRY SAMPLING EQUIPMENT AND BOTTLES DOWN SLOPE TO WELL

Concrete Pad:

Integrity: N/A Good: _____ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: CONCRETE PAD IS BURRIED

Protective Outer Casing: Material: METAL

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: ✓ Damaged: _____

Remarks:

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks:

Dedicated Pump: Type: BLADDER

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/18/2020

Signed Title Date

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine canyon	Project No.:	5020.1006
Well I.D.:	DW-5	Sampling Date:	2-18-2020
Collected By:	CV	Purge start Time:	1035
Casing Diameter (inches):	4	Purge Stop time:	1112
Starting Water Level:	13.28	Sampling (Well Recovery) Time:	1127
Total Depth (feet):	101.00	Ending Water Level (feet):	19.09
Water column (feet):	87.72	Total Purged (gallons):	4
Screen Length (feet):	—	Duplicate Sample:	YES NO
Sample Method:	Micro Purge Low Flow		
Horiba Model S/N:	U-52 W6L-P86R5		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1043	1	15.20	8.66	1.61	13.7	1.27	19.91	-170
1047	1 1/2	15.88	8.67	1.61	7.0 CV	1.08	19.97	-180
1052	2	16.41	8.66	1.60	15.6	1.07	20.01	-185
1056	2 1/2	17.04	8.66	1.59	15.5	1.09	20.03	-188
1100	3	17.66	8.67	1.59	15.6	1.20	20.04	-190
1103	3 1/4	18.10	8.67	1.59	5.8	1.19	20.13	-191
1106	3 1/2	18.76	8.67	1.59	2.2	1.18	20.13	-193
1109	3 3/4	19.05	8.66	1.58	2.2	1.27	20.17	-195
1112	4	19.09	8.66	1.58	2.4	1.27	20.12	-195

Purge Sampling Rates: 65 Psi Refill (30) Discharge (18)

Well condition: OK, water clear, no odor

Additional Info/Comments: sunny, some clouds, cool windy.
Took Extra time to fill VOAs Because of air Bubbles

Name: Christian Valenzuela Signature: [signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine canyon Well ID: DW-5 Date: 2/18/2020

Access:

Accessibility: Good: ✓ Fair: _____ Poor: _____

Vicinity of well clear of weeds and/or debris: Yes: _____ No: ✓

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: weeds Begining to grow around well

Concrete Pad:

Integrity: Good: _____ Inadequate: ✓

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: Broken concrete around well, Rubble around well

Protective Outer Casing: Material: Metal

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: ✓ Damaged: _____

Remarks: All around good

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks: All looks good

Dedicated Pump: Type: Bladder

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/18/2020

Signed Title Date

Geo-Logic
ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Sunshine Canyon	Project No.:	(BS) ~~5019.1074~~ 5020.1006
Well I.D.:	P2-2	Sampling Date:	2-17-2020
Collected By:	CV	Purge start Time:	0930
Casing Diameter (inches):	2	Purge Stop time:	1001
Starting Water Level:	121.49	Sampling (Well Recovery) Time:	1016
Total Depth (feet):	160.90	Ending Water Level (feet):	131.81
Water column (feet):	39.41	Total Purged (gallons):	2
Screen Length (feet):	–	Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	U-52 W99P86R5		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
0943	1/2	123.26	8.66	5.58	0.0	3.06	24.75	-148
0949	1	124.75	8.94	5.59	0.0	1.74	24.70	-120
0952	1 1/4	125.38	8.95	5.59	0.0	1.60	24.70	-114
0956	1 1/2	126.21	8.96	5.58	0.0	1.49	24.74	-110
0958	1 3/4	126.78	8.96	5.58	0.0	1.45	24.78	-108
1001	2	127.18	8.96	5.58	0.0	1.42	24.78	-107

Purge Sampling Rates: 80 PSI Refill (30) Discharge 22

Well condition: Good, Water clear with no odor

Additional Info/Comments: Sunny, Breezy Day

Name: Christian Valenzuela
Christian Valenzuela

Signature: Christian Valenzuela

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: Sunshine canyon Well ID: PZ-2 Date: 2-17-2020

Access:

Accessibility: Good: _____ Fair: _____ Poor: ✓

Vicinity of well clear of weeds and/or debris: Yes: ✓ No: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks: carried sampling Equipment Accross concrete channel

Concrete Pad:

Integrity: Good: _____ Inadequate: _____ N/A

Presence of depressions or standing water around well: Yes: _____ No: _____

Remarks: no concrete Pad HDP 36"

Protective Outer Casing: Material: metal

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: ✓ Damaged: _____

Condition of Lock: Good: ✓ Damaged: _____

Condition of Weepholes: Good: _____ Damaged: _____

Remarks: casing In good Shape

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: _____ No: _____

Remarks:

Dedicated Pump: Type: Bladder

Condition: Good: _____ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field tech 2-17-2020

Signed Title Date

Geo-Logic
ASSOCIATES

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	SUNSHINE CANYON	Project No.:	S020.1006
Well I.D.:	PZ-4	Sampling Date:	2/19/2020
Collected By:	NR	Purge start Time:	0800
Casing Diameter (inches):	2	Purge Stop time:	0835
Starting Water Level:	110.66	Sampling (Well Recovery) Time:	0845
Total Depth (feet):		Ending Water Level (feet):	113.79
Water column (feet):		Total Purged (gallons):	2 1/2+
Screen Length (feet):		Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	U-52/RNUJDSKW		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
0809	1/2	112.37	6.92	1.51	63.3	0.24	22.51	-51
0816	1	112.78	6.98	1.52	10.6	0.00	22.60	-74
0822	1 1/2	113.10	7.01	1.51	14.0	0.00	22.71	-76
0829	2	113.51	7.02	1.51	4.2	0.00	22.68	-78
0832	2 1/4	113.68	7.03	1.51	4.1	0.00	22.73	-80
0835	2 1/2	113.79	7.03	1.51	4.3	0.00	22.76	-82

Purge Sampling Rates: PSI 90 Refill (30) Discharge (12)

Well condition: OK, WATER CLEAR WITH NO ODOR

Additional Info/Comments: SUNNY, CLEAR, COOL

Name: NICHOLAS REASON Signature:

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: SUNSHINE CANYON Well ID: PZ-4 Date: 2/19/2020

Access:

Accessibility: Good: _____ Fair: ✓ Poor: _____

Vicinity of well clear of weeds and/or debris: Yes: _____ No: ✓

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks:

Concrete Pad:

Integrity: Good: ✓ Inadequate: _____

Presence of depressions or standing water around well: Yes: _____ No: ✓

Remarks:

Protective Outer Casing: Material: METAL (FLUSHMOUNT)

Condition of Protective Casing: Good: ✓ Damaged: _____

Condition of Locking Cap: Good: N/A Damaged: _____

Condition of Lock: Good: N/A Damaged: _____

Condition of Weepholes: Good: N/A Damaged: _____

Remarks:

Well Riser: Material: PVC

Condition of Riser: Good: ✓ Damaged: _____

Condition of Riser Cap: Good: ✓ Damaged: _____

Measurment reference point: Yes: ✓ No: _____

Remarks:

Dedicated Pump: Type: BLADDER

Condition: Good: ✓ Damaged: _____ Missing: _____

Pumping Rate (gpm): N/A Current (Hz): N/A

Remarks:

Field Certification: [signature] Field Tech 2/19/2020

Signed Title Date

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Sunshine Cyn. **PROJECT NAME / NUMBER** 5020-1006

Instrument Make/Model # R8J54941H						
Date/Time 2-17-20 0828	**pH**	**Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)**	**Turbidity (NTU) (0)**	**DO (mg/L or %)**	**Guidance Remarks**	**Comments**
Pre. Cal	3.94	4.61	0.8	13.02		
Calibration	4.00	4.49	6	8.71		
Calibration Successful? (Y/N)	Yes	→		→	enter YES or NO	
Satifies Protocol?	Yes	→		→	Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	[illegible]				Signature or initials	
Physical Condition of Unit			Good			

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Sunshine Canyon **PROJECT NAME / NUMBER** 5020.1006

Instrument Make/Model #	HORIBA U-52 (RNGJDSKW)					
Date/Time 2/17/2020 0905	pH	Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	4.30	4.41	0.0	11.15		
Calibration	4.00	4.49	0.0	11.17		
Calibration Successful? (Y/N)	Y	—	—	—	enter YES or NO	
Satifies Protocol?	Y	—	—	—	Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	NR	—	—	—	Signature or initials	
Physical Condition of Unit			Good			

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

3020.1086 (58)

LOCATION (Site/Facility Name) Sunshine Canyon PROJECT NAME / NUMBER ~~5019.1074~~

Instrument Make/Model # Horiba U-52 WQFP8GR5						
Date/Time 2-17-2020 9:02	pH	Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	3.50	4.40	0.7	9.55		
Calibration	4.0	4.48	0.0	11.77		
Calibration Successful? (Y/N)	Yes				enter YES or NO	
Satifies Protocol?	Yes				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	CRV				Signature or initials	[illegible]
Physical Condition of Unit		OK				

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM 5020.1006 CV

LOCATION (Site/Facility Name) Sunshine Canyon PROJECT NAME / NUMBER ~~5019.1074~~

Instrument Make/Model # Horiba U-52 W99P8FR5						
Date/Time 2/18/2020 0715	pH	Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	4.01	4.56	0.5	14.94		
Calibration	4.00	4.50	0.0	9.10		
Calibration Successful? (Y/N)	YES				enter YES or NO	
Satifies Protocol?	Yes				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	CRV				Signature or initials	Christian Valencia
Physical Condition of Unit	OK					

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Sunshine Cyn. **PROJECT NAME / NUMBER** 5020.1006

Instrument Make/Model # 12BJ549417						
Date/Time 2-18-20 0717	**pH**	**Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)**	**Turbidity (NTU) (0)**	**DO (mg/L or %)**	**Guidance Remarks**	**Comments**
Pre. Cal	4.58	4.55	0	15.50		
Calibration	3.98	4.50	0	9.61		
Calibration Successful? (Y/N)	Yes	→		→	enter YES or NO	
Satifies Protocol?	Yes	→		→	Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	[illegible]				Signature or initials	
Physical Condition of Unit			Good			

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) SUNSHINE CANYON **PROJECT NAME / NUMBER** S020.1006

Instrument Make/Model # HORIBA U-52 (RNGJDSKW)						
Date/Time 2/18/2020	pH	Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	3.77	4.52	0.8	12.00		
Calibration	4.00	4.51	0.0	10.80		
Calibration Successful? (Y/N)	Y				enter YES or NO	
Satifies Protocol?	Y				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	NR				Signature or initials	
Physical Condition of Unit			GOOD			

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Sunshine Canyon **PROJECT NAME / NUMBER** 5020-1006

Instrument Make/Model # 4-52 WGGP8GR5						
Date/Time 2/19/2020 0709	pH	Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	3.99	4.44	0	6.32		
Calibration	4.00	4.48	0	8.43		
Calibration Successful? (Y/N)	yes				enter YES or NO	
Satifies Protocol?	yes				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	CRV				Signature or initials	Christian Valdez
Physical Condition of Unit OK						

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) SUNSHINE CANYON **PROJECT NAME / NUMBER** S020.1006

Instrument Make/Model # HORIBA U-52 (RNGJDSKW)						
Date/Time 2/19/2020	pH	Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	4.07	4.50	0.3	10.73		
Calibration	4.00	4.50	0.0	10.79		
Calibration Successful? (Y/N)	Y				enter YES or NO	
Satifies Protocol?	Y				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	NR				Signature or initials	
Physical Condition of Unit			GOOD			

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Sunshine Cyn. **PROJECT NAME / NUMBER** 5020.1006

Instrument Make/Model #	Horiba U-52 R8J5494H					
Date/Time 2/19/20 0815	**pH**	**Electrical Conductivity (µMhos/cm) (4.49 mg/Kg)**	**Turbidity (NTU) (0)**	**DO (mg/L or %)**	**Guidance Remarks**	**Comments**
Pre. Cal	3.98	4.56	1.1	15.31		
Calibration	4.00	4.49	0	9.63		
Calibration Successful? (Y/N)	Yes	→		→	enter YES or NO	
Satifies Protocol?	Yes	→		→	Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	[illegible]	[illegible]	[illegible]		Signature or initials	
Physical Condition of Unit			Good			

Geo-Logic
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GROUNDWATER MONITORING PROGRAM
WATER LEVEL SURVEY RECORD SHEET

SITE NAME: Sunshine Cyn. L/F
DATE: June 22, 2020
PROJECT NUMBER 5020.1006
WATER LEVEL MAKE/MODEL: Solinst Model 101
FIELD PERSONNEL: RS, CV, NR

WELL ID	CONSTRUCTION TOTAL DEPTH (TD)	ACTUAL TOTAL DEPTH (TD)	DEPTH TO WATER (DTW)	COMMENTS
MW-1			15.12	
MW-2A			33.44	
MW-2B			17.56	
MW-5			18.08	
MW-6			16.36	
MW-8			17.97	
MW-9			21.73	
MW-13R			17.07	
MW-14			14.03	
DW-1			TOC	
DW-2			23.23	
DW-3			156.28	
DW-4			32.20	
DW-5			13.23	
CM-5R			223.56	
CM-9R3			9.98	
CM-10R			47.39	
CM-11R			15.97	
PZ-1			93.83	
PZ-2			121.23	
PZ-3			223.19	
PZ-4			110.51	
EW-2			22.86	
EW-3			17.62	
EW-4			17.28	
OM-3			13.21	

REMARKS:

SIGNATURE:

Geo-Logic
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Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM
SURFACE WATER DATA SHEET

Site Name: Sunshine Cyn. **Project No.:** 3820-1006

Station I.D.: Extraction Trench **Sampling Date:** 6-23-20

Collected By: BS **Sampling Time:** 0925

Horiba Model S/N: R8JSU94H **Duplicate Sample:** YES (NO)

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Tint of yellow	yes	6.41	4.73	18.6	1.98	24.68	-98

Surface water conditions (including stream flow rate, stream depth): Collect samples & filter unit.

Additional Info/Comments: Sunny, cool

Name: B. Satinap Signature: [signature]

Geo-Logic
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Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM
SURFACE WATER DATA SHEET

Site Name: Sunshine Gas **Project No.:** 3020.1006

Station I.D.: Combined Subdrains **Sampling Date:** 6-23-20

Collected By: RS **Sampling Time:** 1050

Horiba Model S/N: RBJ5494H **Duplicate Sample:** YES (NO)

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Tint of yellow	Yes	6.46	3.67	5.5	3.10	25.20	-77

Surface water conditions (including stream flow rate, stream depth): Collect samples @ valve next to the containment area.

Additional Info/Comments: Sunny, cool

Name: B. Salinas Signature: [signature]

Geo-Logic
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Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM
SURFACE WATER DATA SHEET

Site Name: Sunshine Cyn **Project No.:** 5020.1556

Station I.D.: LY-7 **Sampling Date:** 6-23-20
Collected By: RS **Sampling Time:** 0800
Horiba Model S/N: R8554941H **Duplicate Sample:** YES NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
yellowish	Yes	6.74	5.20	2.5	1.81	32.70	-110

Surface water conditions (including stream flow rate, stream depth): Had to set the panel on Manual to collect samples. First checked with Republic & Carlos from SCS.

Additional Info/Comments: Foggy, cool

Name: B. Salinas Signature: [signature]