

TABLE 14
SUNSHINE CANYON LANDFILL
GENERATOR: SOUTHERN CALIFORNIA EDISON / 7314 SCOUT AVE
SOIL SAMPLING
ESTIMATED ANNUAL QUANTITY: 75 Tons

SAMPLE	S1	Hazardous	Lined Cell	Unrestricted
DATE SAMPLED	11/27/19	Level (mg/kg)	Limit	Limit
SAMPLED BY	American Enviromental			
DATE ANALYZED	12/02/19			
METALS (mg/kg) METHOD 6010B/7000CAM:				
Antimony	5.0	500	380	30
Arsenic	5.02	500	500	12
Barium	68.5	10,000	10,000	5,200
Beryllium	2.5	75	75	16
Cadmium	2.5	100	100	1.7
Chromium	12.8	2,500	2,500	45
Cobalt	6.19	8,000	350	23
Copper	12.5	2,500	2,500	2,500
Lead	5.0	1,000	350	80
Mercury	0.2	20	20	9.4
Molybdenum	5.0	3,500	3,500	380
Nickel	5.0	2,000	2,000	1,500
Selenium	5.0	100	100	100
Silver	5.0	500	500	380
Thallium	5.0	700	111	0.78
Vanadium	25.5	2,400	2,400	390
Zinc	63.4	5,000	5,000	5,000
VOLATILE ORGANIC COMPOUNDS (mg/kg) METHOD 8260B: NONE DETECTED				
PETROLEUM HYDROCARBONS (mg/kg) METHOD 8015D:				
*TPH Diesel (13-22)	2,330	NS	10,000	10
*TPH Heavy (23-40)	4,750	NS	NS	500
*TPH Diesel + Heavy (23-40)	7,080	NS	NS	500
MOISTURE CONTENT (%wt) METHOD ASTM-D2216:				
Moisture Content	15.9	NS	NS	NS
POLYCHLORINATED BIPHENYLS (PCBs) (mg/kg) METHOD 8082: NONE DETECTED				

Notes:

ND: Not Detected

TTL: Total Threshold Limit Concentration.

NA: Not Analyzed

NS: Not Specified

*Threshold for average TPH for Disposal in a lined cell = 50,000 mg/kg

Left justified and shaded: Not detected. Value shown is Practical Quantitation Limit.

Right-Justified and no shading: Qualifiable result shown.

**Treated wood acceptable

Only detected Organics are shown.

TABLE 15
SUNSHINE CANYON LANDFILL
GENERATOR: SOUTHERN CALIFORNIA EDISON / ALEXANDER ST AND RICKENBACKER RD
SOIL SAMPLING
ESTIMATED ANNUAL QUANTITY: 260 Tons

SAMPLE	S1	S2	Hazardous	Lined Cell	Unrestricted
DATE SAMPLED	03/13/20	03/13/20	Level	Limit	Limit
SAMPLED BY	American	American	(mg/kg)		
DATE ANALYZED	Enviromental	Enviromental			
	03/16/20	03/16/20			
METALS (mg/kg) METHOD 6010B/7000CAM:					
Antimony	5.0	5.0	500	380	30
Arsenic	35.7	52.6	500	500	12
Barium	152	157	10,000	10,000	5,200
Beryllium	2.5	2.5	75	75	16
Cadmium	2.5	2.5	100	100	1.7
Chromium	23.4	27.8	2,500	2,500	45
Cobalt	11.9	13.4	8,000	350	23
Copper	29.1	33.5	2,500	2,500	2,500
Lead	16.3	14.0	1,000	350	80
Mercury	0.2	0.2	20	20	9.4
Molybdenum	5.0	5.0	3,500	3,500	380
Nickel	14.5	17.9	2,000	2,000	1,500
Selenium	5.0	5.0	100	100	100
Silver	5.0	5.0	500	500	380
Thallium	5.0	5.0	700	111	0.78
Vanadium	46.5	53.9	2,400	2,400	390
Zinc	100	84.0	5,000	5,000	5,000
VOLATILE ORGANIC COMPOUNDS (mg/kg) METHOD 8260B: NONE DETECTED					
PETROLEUM HYDROCARBONS (mg/kg) METHOD 8015D:					
*TPH Diesel (13-22)	20.2	48.7	NS	10,000	10
*TPH Heavy (23-40)	100	198	NS	NS	500
*TPH Diesel + Heavy (23-40)	100	247	NS	NS	500
MOISTURE CONTENT (%wt) METHOD ASTM-D2216:					
Moisture Content	19.5	21.9	NS	NS	NS
POLYCHLORINATED BIPHENYLS (PCBs) (mg/kg) METHOD 8082: NONE DETECTED					
STLC FOR ARSENIC (mg/L) METHOD 6010B-STLC:					
Arsenic (STLC)	NA	2.75	5.0	NS	NS

Notes:

ND: Not Detected

TTLC: Total Threshold Limit Concentration.

NA: Not Analyzed

NS: Not Specified

*Threshold for average TPH for Disposal in a lined cell = 50,000 mg/kg

Left justified and shaded: Not detected. Value shown is Practical Quantitation Limit.

Right-Justified and no shading: Qualitifiable result shown.

**Treated wood acceptable

Only detected Organics are shown.

TABLE 16
SUNSHINE CANYON LANDFILL
GENERATOR: SOUTHERN CALIFORNIA EDISON / CULVER CITY SUBSTATION
SOIL SAMPLING
ESTIMATED ANNUAL QUANTITY: 40 Cubic Yards

SAMPLE	AC1	C1	C2	C3	HA1-COMP	HA2-COMP	HA3-COMP	HA4-COMP	HA5-COMP	Hazardous (mg/kg)	Lined Cell Limit	Unrestricted Limit
DATE SAMPLED	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20			
SAMPLED BY	American Enviromental	American Enviromental	American Enviromental	American Enviromental	American Enviromental	American Enviromental	American Enviromental	American Enviromental	American Enviromental			
DATE ANALYZED	05/13/20	05/13/20	05/13/20	05/13/20	05/15/20	05/15/20	05/15/20	05/15/20	05/15/20			
METALS (mg/kg) METHOD 6010B/7000CAM:												
Antimony	5.0	NA	NA	NA	5.0	5.0	5.0	5.0	5.0	500	380	30
Arsenic	2.5	NA	NA	NA	14.4	40.5	8.03	5.55	11.30	500	500	12
Barium	71.5	NA	NA	NA	122	123	137	92	120	10,000	10,000	5,200
Beryllium	2.5	NA	NA	NA	2.5	2.5	2.5	2.5	2.5	75	75	16
Cadmium	2.5	NA	NA	NA	4.26	4.48	4.38	3.10	3.62	100	100	1.7
Chromium	5.99	NA	NA	NA	31.4	29.5	29.6	20.1	23.9	2,500	2,500	45
Cobalt	5.50	NA	NA	NA	10.2	9.43	12.3	7.41	8.34	8,000	350	23
Copper	12.0	NA	NA	NA	27.5	80.7	58.9	15.6	24.1	2,500	2,500	2,500
Lead	5.0	NA	NA	NA	21.3	42.7	19.4	5.0	26.1	1,000	350	80
Mercury	0.2	NA	NA	NA	0.2	0.2	0.2	0.2	0.2	20	20	9.4
Molybdenum	5.0	NA	NA	NA	5.0	5.0	5.0	5.0	5.0	3,500	3,500	380
Nickel	10.8	NA	NA	NA	20.5	24.0	20.4	13.5	17.0	2,000	2,000	1,500
Selenium	5.0	NA	NA	NA	5.0	5.0	5.0	5.0	5.0	100	100	100
Silver	5.0	NA	NA	NA	5.0	5.0	5.0	5.0	5.0	500	500	380
Thallium	5.0	NA	NA	NA	5.0	5.0	5.0	5.0	5.0	700	111	0.78
Vanadium	29.3	NA	NA	NA	61.0	59.8	51.7	47.6	48.4	2,400	2,400	390
Zinc	30.3	NA	NA	NA	118	180	892	59.1	118	5,000	5,000	5,000
VOLATILE ORGANIC COMPOUNDS (mg/kg) METHOD 8260B: NONE DETECTED												
PETROLEUM HYDROCARBONS (mg/kg) METHOD M8015G/M8015D: NONE DETECTED												
TRPH (C4-C12)	NA	NA	NA	NA	10.0	10.0	10.0	10.0	10.0	NS	1,000	10
*TPH Diesel (13-22)	NA	NA	NA	NA	10.0	10.0	10.0	10.0	10.0	NS	10,000	10
*TPH Heavy (23-40)	NA	NA	NA	NA	100	100	100	100	100	NS	NS	500
*TPH Diesel + Heavy (13-40)	NA	NA	NA	NA	100	100	100	100	100	NS	NS	500
MOISTURE CONTENT (%wt) METHOD ASTM-D2216:												
Moisture Content	0.290	2.45	5.29	3.33	NA	NA	NA	NA	NA	NS	NS	NS
POLYCHLORINATED BIPHENYLS (PCBs) (mg/kg) METHOD 8082: NONE DETECTED												

Notes:

ND: Not Detected TTLC: Total Thresh TTLC: Total Threshold Limit Concentration.

NA: Not Analyzed

NS: Not Specified

*Threshold for average TPH for Disposal in a lined cell = 50,000 mg/kg

Left justified and shaded: Not detected. Value shown is Practical Quantitation Limit.

Right-justified and no shading: Quantifiable result shown.

**Treated wood acceptable

Only detected Organics are shown.

TABLE 16 (Continued)
SUNSHINE CANYON LANDFILL
GENERATOR: SOUTHERN CALIFORNIA EDISON / CULVER CITY SUBSTATION
SOIL SAMPLING
ESTIMATED ANNUAL QUANTITY: 40 Cubic Yards

SAMPLE	HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	HA3-0.5'	HA3-2.0'	HA4-0.5'	HA4-2.0'	HA5-0.5'	HA5-1.5'	Hazardous
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Notes:

ND: Not Detected

NA: Not Analyzed

NS: Not Specified

*Threshold for average TPH for Disposal in a lined cell = 50,000 mg/kg

Left justified and shaded: Not detected. Value shown is Practical Quantitation Limit.

Right-justified and no shading: Qualifiable result shown.

**Treated wood acceptable

Only detected Organics are shown.

APPENDIX A

SAMPLING AND ANALYSIS PLAN

APPENDIX A

SAMPLING AND ANALYSIS PLAN FOR THE SUNSHINE CANYON LANDFILL

Water quality monitoring and sampling for the Sunshine Canyon Landfill (SCLF) located within the jurisdiction of the Los Angeles RWQCB Region was conducted by Geo-Logic Associates (GLA). Sampling and analyses were performed in general accordance with Monitoring and Report Program No. CI-2043 of Order R4-2008-0088 issued specifically for the SCLF. A brief summary of the protocols for sample collection is presented below.

Chemical analyses were performed by Eurofins Calscience., a state-certified laboratory. Groundwater, underdrain, leachate, and stormwater samples were analyzed for the list of parameters summarized in Table 1, which also present the laboratory analytical methods used and the sample frequency. Copies of the certificates of analyses and Chain-of-Custody records for the samples collected the current monitoring period are included in Appendix B.

GROUNDWATER SAMPLING

The sampling protocols listed below were generally followed during groundwater sampling operations:

- Upon arrival at the wellhead, each monitoring point was inspected for evidence of tampering and/or vandalism, and the well identification (I.D.) was recorded.
- With the exception of well DW-1, all of the groundwater monitoring wells at the SCLF that are currently sampled are equipped with dedicated bladder pumps. Well construction details including: well depth, depth of pump, well diameter, and top of casing elevation are summarized in Table 5.
- Well DW-1 is under artesian conditions. A drop tube has been installed in the well that allows water to discharge into sample containers under the pressure of water in the well.
- The water level was measured directly using a weighted water-level indicator (sounder) to an accuracy of 0.01 foot. Prior to measuring the water level, the sounder was decontaminated using a non-phosphate soap solution, followed by two rinses with deionized water. The wells were then sounded and the initial water level and the total depth of the well (if obtainable) were recorded on a Well Data Sheet.

Groundwater Sampling Using Low Flow Sampling Methods

- All wells at the SCLF that are equipped with bladder pumps were sampled using low flow purge and sample methods.
- A water level meter was used during low-flow purging to measure changes in water level to

permit operation of submersible pumps at discharge rates that minimized water level decline.

- Discharged water was routed through a sampling chamber equipped with probes for measuring dissolved oxygen, electrical conductivity, pH, temperature, ORP, and turbidity. When three consecutive readings of these field parameters had stabilized to within 10% of each other, with no discernible upward or downward trend, the water quality was determined to be stable and samples were collected.
- Samples were collected into approved pre-labeled containers provided by the laboratory, and each container was filled completely and immediately capped. Samples for VOC analysis were filled by pouring the sample down the sides of the container to minimize aeration, and these sample vials were capped with no airspace.
- Upon collection, samples were placed immediately in an ice-filled cooler for transport to a state-certified testing laboratory. Samples were kept chilled (at about 4°C) until delivery.
- A completed Chain-of-Custody form, detailing sample identification numbers, date and time of collection, requested analyses, and other project information accompanied each sample to the laboratory. The Chain-of-Custody and Sample Container/Analysis Request forms are provided in Appendix B.

LYSIMETER SAMPLING

The SCLF is equipped with two pan lysimeters, LY-6 and LY-7, that are located beneath leachate sumps in the lined portions of the landfill. Lysimeters are equipped with dedicated electric submersible pumps that are activated based on liquid levels in the pan. Water is pumped to a discharge line that conveys lysimeter liquids to an onsite water treatment facility. Sampling protocols are as follows:

- Upon arrival at each lysimeter, GLA inspected the discharge line to determine if water was actively being extracted.
- The lysimeter pumps are not equipped with flow controls, so water is transferred from the discharge line to a clean 5-gallon bucket. Field parameters are recorded from the bucket.
- Lysimeter liquids are transferred from the bucket into approved pre-labeled containers provided by the laboratory, and each container was filled completely and immediately capped. Samples for VOC analysis were filled by pouring the sample down the sides of the container to minimize aeration, and these sample vials were capped with no airspace.
- As with groundwater samples, lysimeter liquid samples were placed immediately in an ice-filled cooler for transport to a state-certified testing laboratory. Samples were kept chilled (at about 4°C) until delivery.

- A completed Chain-of-Custody form, detailing sample identification numbers, date and time of collection, requested analyses, and other project information accompanied each sample to the laboratory. The Chain-of-Custody and Sample Container/Analysis Request forms are provided in Appendix B.

SUBDRAIN AND EXTRACTION TRENCH SAMPLING

The SCLF is equipped with four subdrain sampling locations: Subdrain N, CC2-PER, CC2-3A, and CC2-5C and a groundwater extraction trench. Samples from CC2-PER, CC2-3A, and CC2-5C are composited in the field as one sample “Combined Subdrains”. Sample methods are as follows:

- Samples from Subdrain N and the groundwater extraction trench are collected at sampling ports near the inlet to the water treatment facility. Samples are collected by opening the port and directly filling each laboratory-supplied container.
- Subdrains CC2-3A and CC2-5C are equipped with electric submersible pumps that operate automatically based on liquid levels in the subdrain sumps. Water is discharged to a one-inch poly hose that connects to a two-inch HDPE pipeline that conveys liquids to the water treatment facility. Samples are collected by disconnecting the one-inch poly hose from the two-inch HDPE pipe and filling a clean five gallon bucket. Subdrain liquids are transferred from the bucket into laboratory-supplied containers.
- Subdrain CC2-PER is also equipped with electric submersible pumps that operates automatically based on liquid levels in the subdrain sump. Water is discharged to a two-inch camflex hose that transfers liquid into a 55-gallon carbon treatment unit, which then discharges to the water treatment facility. Samples are collected by disconnecting the camflex hose and filling a decontaminated five-gallon bucket. Field parameters are measured in the bucket, and then the subdrain liquid is transferred to laboratory-supplied containers.
- As with groundwater samples, all containers are completely filled, capped, labeled, and kept chilled at approximately 4°C in a laboratory-supplied cooler. All sampling is conducted under the same chain-of-custody protocol describe above.

LEACHATE SAMPLING

Leachate at the SCLF is monitored at “LR-2R” and “Deep Leachate”.

- Deep Leachate samples are collected from a sample port before leachate reaches the above ground storage tank farm. The port is opened to allow liquids to fill laboratory-supplied sample containers.
- Location LR-2R is sampled with a new, disposable bailer through a riser connected to the leachate sump. Liquids were transferred from the bailer into laboratory-supplied

containers.

- A representative sample was collected and analyzed in the field for EC, odor, ORP, pH, temperature, turbidity, and sheen and recorded on a Well Data Sheet.
- Sample collection, preservation, and Chain-of-Custody procedures described above for groundwater were also adhered to for leachate sample collection.

QUALITY ASSURANCE/QUALITY CONTROL SAMPLING

Quality assurance/quality control (QA/QC) sampling is performed using trip blanks, field blanks, equipment blanks (for non-dedicated equipment), and duplicate samples. For field blanks and equipment blanks, laboratory supplied water is used to collect the sample. In addition, to these field samples, the QA/QC program also included laboratory method blank analyses. Field QA/QC samples were analyzed only for volatile organic compounds EPA Test Method 8260. Laboratory method blanks were conducted for all constituents that were monitored during the monitoring period.

FIELD EQUIPMENT CALIBRATION

Proper maintenance, calibration, and operation of each field instrument will be the responsibility of the field personnel and the instrument technicians assigned to the project. All instruments and equipment used during the program will be maintained, calibrated, and operated according to the manufacturers' guidelines and recommendations.

Field equipment will be calibrated prior to use in the field as appropriate. The calibration procedures will follow standard manufacturers' instructions to ensure that the equipment is functioning within established tolerances and as required by the project. A record of field calibration of analytical instruments will be maintained in the calibration logbook by field personnel. Copies of the instrument manuals and other equipment calibration records (e.g., thermometers, sounders) will be maintained. Any notes on unusual results, changing of standards, battery charging, and operation and maintenance of the field equipment will be included in the calibration logbook.

All instruments are to be stored, transported, and handled with care to preserve equipment accuracy. Damaged instruments will be taken out of service immediately and not used again until a qualified technician repairs and recalibrates the instruments.

Calibration Procedures

Equipment calibration is performed in accordance with the manufacturer's instructions, and calibration checks will be performed each day prior to the start of work. Calibration of rental equipment will be performed by a qualified technician prior to shipment of the equipment.

Calibration standards will be used once. Spent calibration liquids will be placed in plastic bottles and transported off-site for disposal. A brief summary of the calibration procedures for field measurement equipment is provided below:

- pH: Calibration for pH is performed prior to commencement of sampling activities, using standard buffer solutions having pH values of 4, 7, and 10. Calibration checks for pH values using buffer solutions of 4, 7, and 10 will be performed daily. If the reading varies more than 0.10 of a unit between calibration checks, the meter will be recalibrated.
- Conductivity: Calibration for conductivity is performed prior to commencement of sampling activities, using potassium chloride standard solutions with conductivity values of 1,000 and 10,000 microsiemens/cm. The meter must read within one percent of full-scale to be considered calibrated. Calibration checks for conductivity will be performed daily.
- Turbidity Meter: Turbidity range calibration is performed prior to initiation of sampling activities, using turbidity gel standards of 0, 4.4, 45, and 483 NTUs. The meter is also checked daily during the sampling period with the standard most representative of the anticipated turbidity of the purged groundwater (typically 0 NTUs to 10 NTUs). If the reading varies by more than one unit between calibration checks, the meter will be recalibrated. Multiple physical conditions can cause variations in readings, including bubbles in the sampled water, wet or dirty sample containers, a wet or dirty lens, a wet or dirty optical sensor, or leakage of incidental light into the sample chamber.
- Multiple Sensor Meter (pH, Dissolved Oxygen, Conductivity, Temperature, Turbidity): A multiple sensor meter may be used for multiple parameter measurements during sampling. Calibration is performed prior to initiation of sampling activities, using manufacturer auto-calibration solution. If any of the readings are outside of the manufacturers specifications, the meter will be recalibrated for the parameter outside of the calibration range. Calibration checks will be performed daily.

Equipment not listed herein will be calibrated according to manufacturers' recommendations and/or generally accepted practice. Calibration procedures will be documented for the project file. Instruments for which calibration cannot be easily checked will be either tested against another instrument of a similar type, or will be returned to the manufacturer for appropriate calibration. If tested against another instrument capable of making the same measurements, variation between instruments must not exceed five percent. If readings vary more than five percent, the instrument will be returned to the manufacturer for calibration.

Scheduled periodic calibration of testing equipment will not relieve field personnel of the responsibility of employing properly functioning equipment. If equipment malfunction is suspected, the device will be removed from service, tagged so that it is not inadvertently used, and the appropriate personnel notified so that re-calibration can be performed or a substitute piece of equipment can be obtained.

Equipment Maintenance

Maintenance responsibilities for field equipment are coordinated through an instrument technician who is responsible for ensuring that available equipment and instrumentation are ready for use, and that returned equipment is inspected, serviced, and returned to available inventory in a timely manner. Maintenance during use is the responsibility of the field team using the equipment. Calibration logbooks contain information on instrument maintenance, calibration, and repair. A separate logbook is maintained for each instrument. The paperwork will include a detailed listing of the item that was cleaned/replaced, and the make/model/serial number for the particular piece of equipment.

APPENDIX B

FIELD SAMPLE COLLECTION LOGS AND LABORATORY ANALYTICAL DATA REPORTS

SUNSHINE CANYON

90010275
S620.1006

MW-13R

22

0943

2

16.89

27.83

10.91

Micro Purge

Duplicate Sample:

U-52/RN650sKw

Purge Sampling Rates: 30 PSI PPSU (w) DISCHARGE(S)

Well condition: Poor, Hole in monument LIO due to corrosion, needs repairs, water has yellow color and strong odor

Additional Info/Comments: Sunny, cool, heavy vehicle traffic next to well

Name: Nicholas Reason

Signature:

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>SUNSHINE CANYON</u>	Well ID: <u>MW-1312</u>	Date: <u>1-22-2020</u>
Access:		
Accessibility: Good: <u>✓</u>	Fair: <u>✓</u>	Poor: <u>✓</u>
Vicinity of well clear of weeds and/or debris:		Yes: <u>✓</u> No: <u> </u>
Presence of depressions or standing water around well:		Yes: <u> </u> No: <u> </u>
Remarks: <u>HAD TO CARRY SAMPLING EQUIPMENT AND BOTTLES TO WELL AT ENTRANCE OF LANDFILL</u>		
Concrete Pad:		
Integrity: Good: <u>✓</u>	Inadequate: <u> </u>	No: <u> </u>
Presence of depressions or standing water around well:		Yes: <u>✓</u> No: <u> </u>
Remarks:		
Protective Outer Casing: Material: <u>METAL</u>		
Condition of Protective Casing:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Locking Cap:	Good: <u> </u>	Damaged: <u>✓</u>
Condition of Lock:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Weepholes:	Good: <u>✓</u>	Damaged: <u> </u>
Remarks: <u>MOUNTAIN LEO HAS HOLE IN IT DUE TO HEAVY CORROSION. REPAIRS NEEDED</u>		
Well Riser: Material: <u>PVC</u>		
Condition of Riser:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Riser Cap:	Good: <u>✓</u>	Damaged: <u> </u>
Measurement reference point:	Yes: <u> </u>	No: <u> </u>
Remarks:		
Dedicated Pump: Type: <u>BLADDER</u>		
Condition: Good: <u>✓</u>	Damaged: <u> </u>	Missing: <u> </u>
Pumping Rate (gpm): <u>N/A</u>	Current (Hz): <u>N/A</u>	
Remarks:		

Field Certification: [Signature] Title PROD TECH Date 1-22-2020

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) SUNSHINE CANYON

PROJECT NAME / NUMBER SD20.1006

Instrument Make/Model # <u>HORIBA U-52</u> <u>(RNB55SKW)</u>						
Date/Time	pH	Electrical Conductivity (μ Mhos/cm) (4.49 mg/Kg)	Turbidity (NTU) (0)	DO (mg/L or %)	Guidance Remarks	Comments
<u>1-22-2020</u> <u>0930</u>						
Pre. Cal	<u>4.01</u>	<u>4.42</u>	<u>0.0</u>	<u>14.10</u>		
Calibration	<u>4.00</u>	<u>4.49</u>	<u>0.0</u>	<u>11.86</u>		
Calibration Successful? (Y/N)	<u>Y</u>	<u>_____</u>			enter YES or NO	
Satisfies Protocol?	<u>Y</u>	<u>_____</u>			Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	<u>NR</u>	<u>_____</u>			Signature or initials	<u>[Signature]</u>
Physical Condition of Unit			<u>Good</u>			

Environment Test
TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8

[illegible]

Environment Test
TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-82

Client Contact		Project Manager: Kyle Northrup		Site Contact: S. Miller		Date: 2-18-20		COC No:														
Company Name: GEA / Republic		Tel/Email: 858-451-1136		Lab Contact: R. Tomova		Carrier: T/A		1 of 2 COCs														
Address: 11015 W. Bernardo Dr.		Analysis Turnaround Time		Filtered Sample (Y / N) Perform MS / MSD (Y / N) EPA 8260B-JRC 8270 1,4-Dioxane Tetrahydro-2H-pyran Ammonia 2500 COD (EPA 410.4) Aldehyde (300.0) Total Polycyclic Aromatic Hydrocarbons (PAHs) TDS-460.1 TOC (EPA 410.0)				Sampler: DS, JTC, CV For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:														
City/State/Zip: S.D., CA 92127		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS																				
Phone: 858-451-1136		TAT if different from Below																				
Fax: 858-451-1087		<input type="checkbox"/> 2 weeks																				
Project Name: Republic Services		<input type="checkbox"/> 1 week																				
Site: Sunshine Cyn. Landfill II		<input type="checkbox"/> 2 days																				
P O #		<input type="checkbox"/> 1 day																				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.																
DW-1		2/18/20	1140	G	GW	12																
Extraction Trench			0818		W	12																
Subdrain (N)			1225		W	12																
MW-2A			0853		GW	12																
MW-2B			0944			12																
MW-5			0820			12																
MW-1			0930			12																
MW-9			1249			12																
MW-13R			1333			12																
DW-4			1025			12																
Field Blank						4																
Trip Blank		2/18/20				4																
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other																						
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months															
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown																						
Special Instructions/QC Requirements & Comments:																						
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:				Cooler Temp. (°C): Obs'd: _____ Cor'd: _____				Therm ID No.: _____												
Relinquished by:		Company:				Date/Time:				Received by:				Company:				Date/Time:				
Relinquished by:		Company:				Date/Time:				Received by:				Company:				Date/Time:				
Relinquished by:		Company:				Date/Time:				Received in Laboratory by:				Company:				Date/Time:				

Environment Test
TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8

[illegible]

Environment Test
TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Kyle Welch		Date: 2-17-20	
Company Name: GLA Republic		Tel/Email: 858-451-1136		Lab Contact: R. Tenova	
Address: 11415 W. Bonmarcho St.		Analysis Turnaround Time		Carrier: TIA	
City/State/Zip: San Diego, CA 92127		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS			
Phone: 858-451-1136		TAT if different from Below _____			
Fax: 858-451-1087		<input type="checkbox"/> 2 weeks			
Project Name: Republic Services		<input type="checkbox"/> 1 week			
Site: Sunshine Cyn - Goodhill		<input type="checkbox"/> 2 days			
P O #		<input type="checkbox"/> 1 day			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	# of Cont.
CM-102	2/17/20	1313	G	GW	12
CM-112		1047			12
MW-6		1400			12
MW-14		1215			12
PZ-2		1016			12
Combined Subdrains		1255		WW	12
Duplicate		—		GW	12
Tap Blank		—		LAB	4
Field Blank	2/17/20	—			4
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____					
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
Special Instructions/QC Requirements & Comments:					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.:	
Relinquished by: [Signature]		Company: Aeo-logic		Date/Time: 2-17-20 1440	
Relinquished by:		Company:		Date/Time:	
Relinquished by:		Company:		Date/Time:	

GROUNDWATER MONITORING PROGRAM
WATER LEVEL SURVEY RECORD SHEET

SITE NAME: Sundance Cyn.
DATE: 2-17-20
PROJECT NUMBER: 5020-1006
WATER LEVEL MAKE/MODEL: Solinst 101 Piezo
FIELD PERSONNEL: B. J. R. J. R.

WELL ID	CONSTRUCTION TOTAL DEPTH (TD)	ACTUAL TOTAL DEPTH (TD)	DEPTH TO WATER (DTW)	COMMENTS
MW-1			15.16	
MW-2A			33.56	
MW-2B			17.66	
MW-5			18.07	
MW-6			16.30	
MW-8			17.56	
MW-9			22.11	
MW-13R			16.85	
MW-14			14.09	
DW-1			TOC	
DW-2			24.08	
DW-3			156.01	
DW-4			32.35	
DW-5			13.78	
CM-SR			222.77	
CM-9R3			10.65	with buried. uncovered with sec. hole.
CM-10R			48.09	
CM-11R			16.04	
PZ-1			93.73	
PZ-2			121.49	
PZ-3			222.88	
PZ-4			110.63	
FW-2			22.93	
FW-3			17.68	
FW-4			17.16	
CM-3			13.59	

REMARKS:

SIGNATURE

[Signature]

GROUNDWATER MONITORING PROGRAM SURFACE WATER DATA SHEET

SITE: Sunshine Gap

3020.1006

Station I.D.:

LY-7

Collected By:

BS

Horiba Model S/N:

28359414

Sampling Date:

2-19-20

Sampling Time:

0935

Duplicate Sample:

YES ☐ NO ☒

COLOR	ODOR	pH	CONDUCTIVITY µS/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
clear	yes	7.00	539	1.8	0.92	29.77	-108

Surface water conditions (including stream flow rate, stream depth): Fanned cysimeter off
line. Spoke to SES. They got PDS to rewire 21820
and turn on the pump. Pumped overnight.
Samples collected @ the sample port @ 7" H2O line.

The cysimeter has been extracted and looks like the
transducer was removed and laying on the ground

Additional Info/Comments:

Clear, cool

- Field blank taken here,

Rees Salinas / Peter Salinas

GROUNDWATER MONITORING PROGRAM SURFACE WATER DATA SHEET

SITE: Sunshine Cyn

Station I.D.:

Extraction
Trench

Sampling Date:

2-18-20

Collected By:

RS
RS

Sampling Time:

0818

Horiba Model S/N:

RS850017

Duplicate Sample:

YES ☐ NO ☒

nd/rw

COLOR	ODOR	pH	CONDUCTIVITY <small>µS/cm</small>	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Clear	yes	6.16	4.63	3.2	3.07	18.74	-58

Surface water conditions (including stream flow rate, stream depth): Sample collected @
the filter elements.

into Black Robin hole.

Additional Info/Comments: Windy, clear, cold

RS Solives RS

GROUNDWATER MONITORING PROGRAM SURFACE WATER DATA SHEET

SITE: Sundhine 3020.1006

Station I.D.:

subdrain(N)

Collected By:

BS

Horiba Model S/N:

R8550944

Sampling Date:

2-18-20

Sampling Time:

1235

Duplicate Sample:

YES

(NO)

COLOR	ODOR	pH	CONDUCTIVITY µS/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
<u>hazy</u>	<u>yes</u>	<u>6.79</u>	<u>5.55</u>	<u>OR</u>	<u>2.30</u>	<u>26.21</u>	<u>-134</u>

Surface water conditions (including stream flow rate, stream depth): Samples collected @

subdrain location:

Additional Info/Comments: Clear, sunny, cool

Ryan Solinas

2/28/20

GROUNDWATER MONITORING PROGRAM

CONDENSATE-WATER DATA SHEET

Site Name:

Sandridge Cyn.

Project No.:

5020, 1006

Station I.D.:

combined
sub-drain
B-5

Sampling Date:

2-17-20

Collected By:

Sampling Time:

1255

Horiba Model S/N:

RSS99117

Duplicate Sample:

YES

NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
clear	yes	6.31	3.38	3.4	2.43	24.87	-91

Condensate sampling station conditions:

Samples taken @ 2" HDB pipe,

GCAB (feed plant) taken here

Additional Info/Comments:

Sunny, cool

Name:

Ben Salinas

Signature:

Ben Salinas

SITE: Sandwich
2-18-72

1

Duplicate Sample:

YES **NO**

Dr. [Signature]

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name:

Synthetic Synstine Canyon

Well I.D.:

CM-923

Collected By:

222

Casing Diameter (inches):

4

Starting Water Level:

10.65

Total Depth (feet):

29.00

Water column (feet):

1835

Screen Length (feet):

1

Sample Method:

Micro Purge

Low Flow

Horiba Model S/N:

U-52/RW65052W

[illegible]

Purge Sampling Rates:

WATER BROWN WITH NO OIL

Well condition: Poor, well buried by 4-6 feet of soil/debris, SCS excavator used to dig up well, barrier needed to prevent well being buried in the future.

Additional Info/Comments: Sunny, clear, mild temp

Name: Nicholas Pearson

Signature:



GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>SUNSHINE CANYON</u>	Well ID: <u>CM-9R3</u>	Date: <u>2/19/2020</u>
Access:		
Accessibility: Good: _____	Fair: _____	Poor: <u>✓</u>
Vicinity of well clear of weeds and/or debris:		Yes: _____ No: <u>✓</u>
Presence of depressions or standing water around well:		Yes: _____ No: <u>✓</u>
Remarks: <u>WELL BURIED 4-6 FEET OF SOIL. SCV EXCAVATOR USED TO REMOVE SOIL/DEBRIS TO ACCESS WELL. BARRIER NEEDED TO PREVENT WELL FROM BEING BURIED IN THE FUTURE</u>		
Concrete Pad:		
Integrity: <u>N/A</u>	Good: _____	Inadequate: _____
Presence of depressions or standing water around well:		Yes: _____ No: _____
Remarks: <u>CONCRETE PAD IS NOT VISIBLE</u>		
Protective Outer Casing:		
Material: <u>METAL</u>		
Condition of Protective Casing: <u>✓</u>	Good: _____	Damaged: _____
Condition of Locking Cap: <u>✓</u>	Good: _____	Damaged: <u>✓</u>
Condition of Lock: <u>✓</u>	Good: _____	Damaged: _____
Condition of Weepholes: <u>✓</u>	Good: _____	Damaged: _____
Remarks: <u>LOCKING CAP DAMAGED, CAN REMOVE WELL LID WITHOUT UNLOCKING WELL. REPAIRS NEEDED</u>		
Well Riser:		
Material: <u>PVC</u>		
Condition of Riser: <u>✓</u>	Good: _____	Damaged: _____
Condition of Riser Cap: <u>✓</u>	Good: _____	Damaged: _____
Measurement reference point: _____	Yes: _____	No: _____
Remarks:		
Dedicated Pump:		
Type: <u>✓</u>	<u>BLADDER</u>	
Condition: _____	Good: _____	Damaged: _____ Missing: _____
Pumping Rate (gpm): <u>N/A</u>		Current (Hz): <u>N/A</u>
Remarks:		

Field Certification: [Signature] Signed FieldTech Title 2/19/2020 Date

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name:

Systeme Genom

Se20.1006

Well I.D.:

CM-102

2/17/2020

Collected By:

 $\frac{2}{2}$

1240

Casing Diameter (inches):

h

1303

Starting Water Level:

48.09

1313

Total Depth (feet):

110.90

48.38

Water column (feet):

3

Screen Length (feet):

1. <http://www.oxfordjournals.org/doi/10.1093/oxfordjournals/oxfam.a011001>

YES NO

Sample Method:

Micro Purge

Horiba Model S/N:

11-52 / 246755 km

[illegible]


Purge Sampling Rates:	50	PSI	Refill (40)
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Discharge (12)

Well condition: OK, WATER CLEAN WITH NO ODOOR

Additional Info/Comments: Sunny, Clear, Light Winds, Mild Temp

Name: Nicholas Penzo

Signature: 

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>SUNSHINE CANYON</u>	Well ID: <u>CM-102</u>	Date: <u>2/17/2020</u>
Access:		
Accessibility: <u>Good</u>	Fair: _____	Poor: _____
Vicinity of well clear of weeds and/or debris: <u>Yes</u> <input checked="" type="checkbox"/> No: <input type="checkbox"/>		
Presence of depressions or standing water around well: <u>Yes</u> <input type="checkbox"/> No: <input checked="" type="checkbox"/>		
Remarks:		
Concrete Pad:		
Integrity: <u>Good</u>	Inadequate: _____	No: <input checked="" type="checkbox"/>
Presence of depressions or standing water around well: <u>Yes</u> <input type="checkbox"/> No: <input type="checkbox"/>		
Remarks:		
Protective Outer Casing:		
Material: <u>METAL</u>		
Condition of Protective Casing: <u>Good</u> <input checked="" type="checkbox"/>		Damaged: _____
Condition of Locking Cap: <u>Good</u> <input checked="" type="checkbox"/>		Damaged: _____
Condition of Lock: <u>Good</u> <input checked="" type="checkbox"/>		Damaged: _____
Condition of Weepholes: <u>Good</u> <input checked="" type="checkbox"/>		Damaged: _____
Remarks:		
Well Riser:		
Material: <u>PVC</u>		
Condition of Riser: <u>Good</u> <input checked="" type="checkbox"/>		Damaged: _____
Condition of Riser Cap: <u>Good</u> <input checked="" type="checkbox"/>		Damaged: _____
Measurement reference point: <u>Yes</u> <input checked="" type="checkbox"/>		No: _____
Remarks:		
Dedicated Pump:		
Type: <u>BLADDER</u>		
Condition: <u>Good</u> <input checked="" type="checkbox"/>	Damaged: _____	Missing: _____
Pumping Rate (gpm): <u>N/A</u>	Current (Hz): <u>N/A</u>	
Remarks:		

Field Certification: [Signature] Title Field Tech Date 2/17/2020

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Sunshine Canyon

Project No.:

CM-11R

2/17/2020

22

0925

4

1037

16.04

1047

31.00

16.94

14.96

 $1\frac{1}{2}^*$

YES

Micro Purge

5-2-16

U-52/E265DK3

* Duplicate

[illegible]

Purge Sampling Rates: PSI 30 Refill (25)

DISCHARGE (4)

Well condition: OK, water is clear with no odor

Additional Info/Comments: Sunny, Clear, Mild Temp, Light Winds

Name: NICHOLAS REASON

[Handwritten signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>SUNSHINE CANYON</u>	Well ID: <u>CM-11R</u>	Date: <u>2/17/2020</u>
Access:		
Accessibility: Good: <input checked="" type="checkbox"/>	Fair: <input type="checkbox"/>	Poor: <input type="checkbox"/>
Vicinity of well clear of weeds and/or debris: <input checked="" type="checkbox"/>		No: <input type="checkbox"/>
Presence of depressions or standing water around well: <input type="checkbox"/>		No: <input checked="" type="checkbox"/>
Remarks: <u>BACKED TRUCK UP CONCRETE CHANNEL TO ACCESS WELL</u>		
Concrete Pad:		
Integrity: Good: <input checked="" type="checkbox"/>	Inadequate: <input type="checkbox"/>	No: <input type="checkbox"/>
Presence of depressions or standing water around well: <input type="checkbox"/>		No: <input checked="" type="checkbox"/>
Remarks:		
Protective Outer Casing: Material: <u>METAL</u>		
Condition of Protective Casing: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Locking Cap: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Lock: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Weepholes: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Remarks:		
Well Riser: Material: <u>PVC</u>		
Condition of Riser: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Riser Cap: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Measurement reference point: Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>	
Remarks:		
Dedicated Pump: Type: <u>BLADDER</u>		
Condition: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	Missing: <input type="checkbox"/>
Pumping Rate (gpm): <u>N/A</u>	Current (Hz): <u>N/A</u>	
Remarks:		

Field Certification: [Signature] Signed FEED TECH Title 2/17/2020 Date

GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

Site Name: Sunshine Canyon
 Well I.D.: MW-1
 Collected By: SV
 Casing Diameter (inches): 4
 Starting Water Level: 15.13
 Total Depth (feet): 29.60
 Water column (feet): 14.47
 Screen Length (feet): —
 Sample Method: Micro Purge
 Horiba Model S/N: 4-52 WGG-860-65

Low Flow

Project No.: 5020-1006
 Sampling Date: 2/18/2020
 Purge start Time: 0851
 Purge Stop time: 0930
 Sampling (Well Recovery) Time: 0950
 Ending Water Level (feet): 15.18
 Total Purged (gallons): 3 1/2
 Duplicate Sample: YES NO

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
0858	1	15.17	7.14	2.37	48.7	2.62	19.67	-80
0904	1 1/2	15.18	7.15	2.30	50.2	1.38	19.67	-80
0910	2	15.21	7.16	2.22	43.1	1.10	19.67	-80
0914	2 1/4	15.19	7.16	2.01	40.3	1.05	19.64	-82
0916	2 1/2	15.18	7.16	1.86	36.0	1.05	19.66	-84
0918	2 3/4	15.18	7.15	1.74	33.1	1.02	19.66	-86
0925	3	15.18	7.15	1.58	26.6	0.97	19.59	-89
0927	3 1/4	15.18	7.15	1.58	26.5	0.97	19.60	-89
0930	3 1/2	15.18	7.15	1.57	26.5	0.96	19.58	-89

Purge Sampling Rates: PSI 20 Refill (30) Discharge (11)

Well condition: OK, water yellowish brown color. no odor

Additional Info/Comments: Sunny, cool, breezy.

Name: Christian Valenzuela

Signature: [Signature]

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>Sunshine Canyon</u>	Well ID: <u>NW-1</u>	Date: <u>2/18/2020</u>
Access: <u>✓</u>		
Accessibility: Good: <u>✓</u>	Fair: <u> </u>	Poor: <u> </u>
Vicinity of well clear of weeds and/or debris: Yes: <u> </u> No: <u>✓</u>		
Presence of depressions or standing water around well: Yes: <u> </u> No: <u>✓</u>		
Remarks: <u>Weeds beginning to grow around well otherwise good</u>		
Concrete Pad: <u>N/A</u>		
Integrity: Good: <u> </u> Inadequate: <u> </u>		
Presence of depressions or standing water around well: Yes: <u> </u> No: <u>✓</u>		
Remarks: <u>concrete around IS not visible.</u>		
Protective Outer Casing: Material: <u>metal</u>		
Condition of Protective Casing: Good: <u>✓</u> Damaged: <u> </u>		
Condition of Locking Cap: Good: <u>✓</u> Damaged: <u> </u>		
Condition of Lock: Good: <u>✓</u> Damaged: <u> </u>		
Condition of Weepholes: Good: <u>✓</u> Damaged: <u> </u>		
Remarks: <u>All around good.</u>		
Well Riser: Material: <u>PVC</u>		
Condition of Riser: Good: <u>✓</u> Damaged: <u> </u>		
Condition of Riser Cap: Good: <u>✓</u> Damaged: <u> </u>		
Measurement reference point: Yes: <u>✓</u> No: <u> </u>		
Remarks: <u>missing blue cap</u>		
Dedicated Pump: Type: <u>Bladder</u>		
Condition: Good: <u>✓</u> Damaged: <u> </u> Missing: <u> </u>		
Pumping Rate (gpm): <u>N/A</u> Current (Hz): <u>N/A</u>		
Remarks: <u> </u>		

Field Certification:

[Signature]
Signed

FieldTech
Title

2/18/2020
Date

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>SUNSHINE CANYON</u>	Well ID: <u>MW-2A</u>	Date: <u>2/18/2020</u>
Access:		
Accessibility: Good: <u> </u>	Fair: <u>✓</u>	Poor: <u> </u>
Vicinity of well clear of weeds and/or debris:		Yes: <u>✓</u> No: <u> </u>
Presence of depressions or standing water around well:		Yes: <u>✓</u> No: <u> </u>
Remarks: <u>HAD TO CARRY SAMPLING BOTTLES DOWN SLOPE AND EQUIPMENT TO WELL</u>		
Concrete Pad:		
Integrity: <u>N/A</u>	Good: <u> </u>	Inadequate: <u> </u>
Presence of depressions or standing water around well:		Yes: <u> </u> No: <u> </u>
Remarks: <u>CONCRETE PAD IS NOT VISIBLE</u>		
Protective Outer Casing: Material: <u>METAL</u>		
Condition of Protective Casing:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Locking Cap:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Lock:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Weepholes:	Good: <u>✓</u>	Damaged: <u> </u>
Remarks:		
Well Riser: Material: <u>PVC</u>		
Condition of Riser:	Good: <u>✓</u>	Damaged: <u> </u>
Condition of Riser Cap:	Good: <u>✓</u>	Damaged: <u> </u>
Measurement reference point:	Yes: <u>✓</u>	No: <u> </u>
Remarks:		
Dedicated Pump: Type: <u>BLANDER</u>		
Condition: <u>✓</u>	Good: <u> </u>	Damaged: <u> </u> Missing: <u> </u>
Pumping Rate (gpm): <u>N/A</u>	Current (Hz): <u>N/A</u>	
Remarks:		

Field Certification:

Robert Field Tech

Signed

Title

Date

2/18/2020

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>SUNSHINE CANYON</u>	Well ID: <u>MW-2B</u>	Date: <u>2/18/2020</u>
Access:		
Accessibility: Good: <input checked="" type="checkbox"/>	Fair: <input type="checkbox"/>	Poor: <input type="checkbox"/>
Vicinity of well clear of weeds and/or debris: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		
Presence of depressions or standing water around well: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		
Remarks: <u>HAD TO CARRY SAMPLING EQUIPMENT AND BOTTLES DOWN SLOPE TO WELL. HEAVY EROSION AROUND WELL</u>		
Concrete Pad:		
Integrity: Good: <input checked="" type="checkbox"/>	Inadequate: <input type="checkbox"/>	No: <input type="checkbox"/>
Presence of depressions or standing water around well: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		
Remarks: <u>EROSION HAS LEFT VOID UNDER CONCRETE PAD</u>		
Protective Outer Casing: Material: <u>METAL</u>		
Condition of Protective Casing: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Locking Cap: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Lock: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Weepholes: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Remarks:		
Well Riser: Material: <u>PVC</u>		
Condition of Riser: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Condition of Riser Cap: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	
Measurement reference point: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		
Remarks:		
Dedicated Pump: Type: <u>BLADDER</u>		
Condition: Good: <input checked="" type="checkbox"/>	Damaged: <input type="checkbox"/>	Missing: <input type="checkbox"/>
Pumping Rate (gpm): <u>N/A</u>	Current (Hz): <u>N/A</u>	
Remarks:		

Field Certification: [Signature] Signed Field Tech Title 2/18/2020 Date

NO

Name: Cristian Valenzuela

GROUNDWATER MONITORING WELL INSPECTION REPORT

Facility: <u>Sunshine Canyon</u>	Well ID: <u>MW-5</u>	Date: <u>2-18-2020</u>
Access: <u>✓</u>		
Accessibility: Good: <u>✓</u>	Fair: _____	Poor: _____
Vicinity of well clear of weeds and/or debris: Yes: _____ No: <u>✓</u>		
Presence of depressions or standing water around well: Yes: _____ No: <u>✓</u>		
Remarks: <u>was able to back up to well lots of RATS from machinery around well.</u>		
Concrete Pad: <u>N/A</u>		
Integrity: Good: _____	Inadequate: _____	No: _____
Presence of depressions or standing water around well: Yes: _____ No: _____		
Remarks: <u>concrete pad is not visible</u>		
Protective Outer Casing: Material: <u>metal</u>		
Condition of Protective Casing: Good: <u>✓</u>	Damaged: _____	
Condition of Locking Cap: Good: <u>✓</u>	Damaged: _____	
Condition of Lock: Good: <u>✓</u>	Damaged: _____	
Condition of Weepholes: Good: <u>✓</u>	Damaged: _____	
Remarks: _____		
Well Riser: Material: <u>PVC</u>		
Condition of Riser: Good: <u>✓</u>	Damaged: _____	
Condition of Riser Cap: Good: <u>✓</u>	Damaged: _____	
Measurement reference point: Yes: <u>✓</u>	No: _____	
Remarks: _____		
Dedicated Pump: Type: <u>Bladder</u>		
Condition: Good: <u>✓</u>	Damaged: _____	Missing: _____
Pumping Rate (gpm): <u>N/A</u>	Current (Hz): <u>N/A</u>	
Remarks: _____		

Field Certification:

Christina Valdez Field Tech 2/18/2020
 Signed Title Date