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 | Limit | Limit |
| - | American | | | - |
| SAMPLED BY | Enviromental | (mg/kg) | | |
| DATE ANALYZED | 12/02/19 | | | |
| METALS (mg/kg) METHOD 6010B/70 | | | | |
| 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 (n | ng/kg) METHOD 8260B: | NONE DETECTE | D | |
| PETROLEUM HYDROCARBONS (mg/k | g) 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 |

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: Qualtifiable result shown.

**Treated wood acceptable

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 | | | | |
| | American | American | <i>, ,</i> , , | | | | | | |
| SAMPLED BY | Enviromental | Enviromental | (mg/kg) | | | | | | |
| DATE ANALYZED | 03/16/20 | 03/16/20 | | | | | | | |
| METALS (mg/kg) METHOD 6010B/7000C/ | M: | | | | | | | | |
| 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/k | g) METHOD 8260B: I | NONE DETECTED | | | | | | | |
| PETROLEUM HYDROCARBONS (mg/kg) N | ETHOD 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 AS | | | | | | | | | |
| Moisture Content | 19.5 | == | NS | NS | NS | | | | |
| POLYCHLORINATED BIPHENYLS (PCBs) (m | | 2: NONE DETECTED | | | | | | | |
| STLC FOR ARSENIC (mg/L) METHOD 6010 | • | | | | | | | | |
| 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: Qualtifiable result shown.

**Treated wood acceptable

TABLE 16

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

| | | C1 | C2 | C3 | HA1-COMP | HA2-COMP | HA3-COMP | HA4-COMP | HA5-COMP | Hazardous | Lined Cell | Unrestricted |
|---|-----------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|------------|--------------|
| 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 | Level | Limit | Limit |
| | American | American | American | American | American | American | American | American | American | | | |
| SAMPLED BY | Enviromental | Enviromental | Enviromental | Enviromental | Enviromental | Enviromental | Enviromental | Enviromental | Enviromental | (mg/kg) | | |
| 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 | | | |
| IETALS (mg/kg) METHOD 6010B/7000CAM: | : | | | | | | | | | | | |
| 1 8. 81 | | NA | NA | NA | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 500 | 380 | 30 |
| Arsenic 2 | 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 | 2.5 | NA | NA | NA | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 75 | 75 | 16 |
| Cadmium 2 | 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 | 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 | 5.0 | NA | NA | NA | 21.3 | 42.7 | 19.4 | 5.0 | 26.1 | 1,000 | 350 | 80 |
| Mercury 0 | 0.2 | NA | NA | NA | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 20 | 20 | 9.4 |
| Molybdenum 5 | 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 | 5.0 | NA | NA | NA | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 100 | 100 | 100 |
| Silver 5 | 5.0 | NA | NA | NA | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 500 | 500 | 380 |
| Thallium 5 | 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 |
| OLATILE ORGANIC COMPOUNDS (mg/kg) | METHOD 8260B: N | ONE DETECTED | | | | | | | | | | |
| ETROLEUM HYDROCARBONS (mg/kg) METH | HOD M8015G/M80 | 15D: NONE DETECT | ED | | | | | | | | | |
| TRPH (C4-C12) | NA | | | | | | | | 10.0 | NS | 1,000 | 10 |
| | | | | | | | | | 10.0 | NS | 10,000 | 10 |
| 1. 1 | | | | | | | | | 100 | NS | NS | 500 |
| | | NA | NA | NA | 100 | 100 | 100 | 100 | 100 | NS | NS | 500 |
| IOISTURE CONTENT (%wt) METHOD ASTM- | | | | | | | | | | | | |
| Moisture Content OLYCHLORINATED BIPHENYLS (PCBs) (mg/k | 0.290 | 2.45 | 5.29 | 3.33 | NA | NA | NA | NA | NA | NS | NS | NS |

Notes:

TTLC: Total ThreshcTTLC: Total Threshold Limit Concentration. 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: Qualtifiable result shown.
**Treated wood acceptable

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 | Lined Cell | Unrestricted |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|------------|--------------|
| 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 | 05/12/20 | Level | Limit | Limit |
| SAMPLED BY | American Enviromental | (mg/kg) | | |
| DATE ANALYZED | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | 05/13/20 | | | 1 |
| METALS (mg/kg) METHOD 6010B/7000C/ | AM: | | | | | | | | | | | | - |
| Antimony | NA | 500 | 380 | 30 |
| Arsenic | NA | 500 | 500 | 12 |
| Barium | NA | 10,000 | 10,000 | 5,200 |
| Beryllium | NA | 75 | 75 | 16 |
| Cadmium | NA | 100 | 100 | 1.7 |
| Chromium | NA | 2,500 | 2,500 | 45 |
| Cobalt | NA | 8,000 | 350 | 23 |
| Copper | NA | 2,500 | 2,500 | 2,500 |
| Lead | NA | 1,000 | 350 | 80 |
| Mercury | NA | 20 | 20 | 9.4 |
| Molybdenum | NA | 3,500 | 3,500 | 380 |
| Nickel | NA | 2,000 | 2,000 | 1,500 |
| Selenium | NA | 100 | 100 | 100 |
| Silver | NA | 500 | 500 | 380 |
| Thallium | NA | 700 | 111 | 0.78 |
| Vanadium | NA | 2,400 | 2,400 | 390 |
| Zinc | NA | 5,000 | 5,000 | 5,000 |
| VOLATILE ORGANIC COMPOUNDS (mg/k | g) METHOD 8260B: N | ONE DETECTED | | | | | | | | | | | |
| PETROLEUM HYDROCARBONS (mg/kg) N | | 15D: NONE DETECT | | | | | | | | | | | |
| TRPH (C4-C12) | NA | NA | | NA | NA | NA | NA | | | NA | NS | 1,000 | 10 |
| *TPH Diesel (13-22) | NA | NA | | NA | NA | NA | NA | NA | | NA | NS | 10,000 | 10 |
| *TPH Heavy (23-40) | NA | NA | | NA | NA | NA | NA | NA | | NA | NS | NS | 500 |
| *TPH Diesel + Heavy (13-40) | NA | NS | NS | 500 |
| MOISTURE CONTENT (%wt) METHOD AS | | r | | - | | | - | | | 1 | | | |
| Moisture Content | 10.0 | | 15.3 | 15.5 | 15.7 | 18.4 | 17.3 | 16.0 | 12.4 | 13.9 | NS | NS | NS |
| POLYCHLORINATED BIPHENYLS (PCBs) (m | g/kg) METHOD 8082: | NONE DETECTED | | | | | | | | | | | |
| 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 shading: Qualtifiable result shown.

**Treated wood acceptable

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 icefilled 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 twoinch 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-gallong 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:

- <u>pH:</u> 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.
- <u>Conductivity</u>: 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.
- <u>Turbidity Meter</u>: 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.
- <u>Multiple Sensor Meter (pH, Dissolved Oxygen, Conductivity, Temperature, Turbidity</u>): 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



TestAmerica Irvine 17461 Berian Ave Suite 100 Irvine, CA 92614 Phone: 949.261.1022 Fax:

Chain of Custody Record



206644

THE LEADER IN ENVIRONMENTAL TESTING **TestAmerica Laboratories, Inc.**

| | | | ogram: | RCRA Other: ite Contact: Josh MILLS Date: 1-27-207-0 | | | | | | | | | | TAL-8210 (0713) | | | | | | | | | |
|---|--|------------------|------------------|--|------------|-------------------------|-------|--------|---------|--------|--------|-------|--------|-----------------|-------|------|-----------|-------|--------|------|---------------------|-------------|------|
| Client Contact | | | NE WELC | HANS | | Site | Con | tact: | Jost | 1 N | IIU | S | Da | te: 1 | -22 | -20 | 2) | > | | | COC No: | | |
| npany Name GEOLDEIC POSOCIATES | And the second s | 58-451- | | | | Lab | Con | tact: | P. 05 | st n | P | | Ca | rrier | : | | | | | | of | COCs | |
| ress: 11415 W. BERNARDO GT SATE 200 | | Analysis T | Furnaround | Time | | | T | | | | | | | | | | | | | | Sampler: | | |
| State/Zip: SAN DEEGU, CA 92127 | CALEN | DAR DAYS | WOF | RKING DAY | 'S | | 4 | | | | | | | | | | | | | | For Lab Use Only | | |
| ne:858-451-1136 | TA | T if different f | rom Below | | | ź | TONE | | | | | | | | | | | | | | Walk-in Client: | | |
| | | 1 | 2 weeks | | | 2 > | : P | | | | | | | | | | | | | | Lab Sampling: | | |
| ect Name: KERBLEC SERVICES | | | 1 week | | 11 | 7 | - 3 | | | - | | | | | | | | | | C (S | | | |
| SUNSHENE CANYON | | 2 | 2 days | | S. 1. 1. | le (| | | | | | | | | | | | | | | Job / SDG No.: | | |
| # | | | 1 day | | | I Sample (Y/N) | 8 | | | | | | | | | | | | | | | | 1.16 |
| | | | Sample | | | N N | 3 | | | | | | | | | | | | | | | | |
| | Sample | Sample | Type (C=Comp, | | # of | erec | 50 | | | | | | | | | | | | | | | | |
| Sample Identification | Date | Time | G=Grab) | Matrix | Cont. | Filtered S Perform [| 6 | | | | | | | | | | | | | | Sample Spe | cific Notes | |
| MW-13R-A | 1-22-2020 | 1027 | G | GW | 6 | | Y | | | | | | | | | | | | | | | | |
| MW-13R-B | 1-22-2020 | 1032 | G | Gw | 6 | | X | | | | | | | | | | | | | | | | |
| FIELD BLANK | 1-22-2020 | -torang | G | LAB | ч | | X | | | | | | | | | | | | | | | | |
| TREP BLANK | 1-22-2020 | Property- | G | LAB | the | | X | | | | | | | | | | | | | | • | | |
| | | | | | | | | | | | | | | | | | | | | | | | l. |
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| | | | | | Chan I and | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | |
| servation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; | 5=NaOH; (| 6= Other _ | | | | | | 1 | | | | | | | | | | | | | | | |
| sible Hazard Identification: any samples from a listed EPA Hazardous Waste? Pleas ments Section if the lab is to dispose of the sample. | e List any E | PA Waste | Codes for t | he samp | ole in the | Sa | amp | le Di | sposa | ıl (A | fee r | nay k | oe as: | sess | ed if | san | nples | s are | e reta | aine | d longer than 1 mor | ith) | |
| Non-Hazard 🗌 Flammable 🗌 Skin Irritant | Poison | В | Unkno | wn | - | | | Return | to Clie | nt | | | Dispos | al by | Lab | | | Ar | chive | for | Months | | |
| cial Instructions/QC Requirements & Comments: | | | | | | | | | | | | | | | | | | | | | | | |
| ustody Seals Intact: Yes No | Custody Se | eal No.: | | | | | | 0 | Coole | r Ten | np. (° | C): O | bs'd: | | | Co | orr'd: | | | | Therm ID No.: | | |
| nguished by: | Company: | | 5-2-22 | Date/Tir | me: | | | ved b | | R | ive | r=1-1 | | | Com | | y: • 7 | -12 | i | | Date/Time: | 1140 | |
| nquished by: | Company: | | | Date/Tir | | C | | /ed b | | 12 | | Ç, | | | Com | | | - 14. | | | Date/Time: | 11.10 | |
| nquished by: | Company: | | | Date/Tir | ne: | Re | eceiv | ved ir | Labo | orator | y by: | | | | Com | ipan | y: | | | | Date/Time: | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| Inches): el: 16.89 (1): 124.80 (1): (10,91) st): st): | Site Name: Well I.D.: Collected By: | SUJSHENE CANYON MW-13R |
|---|--|---------------------------|
| 7.4.80 | iameter (inches): | 4 |
| 10,91 | starting water Level: Total Depth (feet): | 12.80 |
| Micro Purge | umn (feet): | 10.91 |
| Micro Purge | ength (feet): | |
| | lethod: | Micro Purge Low Flow |

| Project No.: | 5020,1006 | 9 |
|--------------------------------|-----------|----|
| Sampling Date: | 222-22-1 | 3 |
| Purge start Time: | 5443 | |
| Purge Stop time: | 1022 | |
| Sampling (Well Recovery) Time: | A' 1027 | è, |
| Ending Water Level (feet): | 17.26 | |
| Total Purged (gallons): | + h/2 (| |
| Duplicate Sample: | YES | 3 |
| | | |

B:1032

2

| | 0.R.P. mV | -357 | - 359 | -360 | 6362 | - 362 | - 362 | | | | |
|-------------------|-----------------------|-------|-----------|-------|---------|-------|--------|--|--|--|-----------------------|
| | TEMPERATURE °C | 20,53 | 20.67 | 20.99 | \$ 0-12 | 20.96 | 20.99 | | | | ورح |
| | D.O. mg/L | 5.20 | ht.h | 4.46 | 4.06 | 3.99 | 3.91 | | | | DASHARCEIS |
| | TURBIDITY NTU | 2.5 | 1.4 | 1.2 | 0-6 | 0.5 | 0.7 | | | | 6 |
| | CONDUCTIVITY ms/cm | 1.73 | 1.72 | | 1.70 | 1.70 | N. 1 | | | | Repar (20) |
| 0820 | Hd | 1.70 | 7.70 1.72 | 1.7.5 | 12.7 | rt.t | 2t. t | | | | Reer |
| U-52/2412008KU | WATER LEVEL | 17.12 | 17.16 | 17.22 | 17.23 | 17.25 | 92. tl | | | | PSI |
| | GALLONS PURGED | 2 | 3/4 | | 1 1/4 | 1.12 | 13/4 | | | | tes: 30 |
| Horiba Model S/N: | TIME | 4540 | 1001 | 1007 | 1012 | 1017 | 1011 | | | | Purge Sampling Rates: |

REPAIRS, WATER corpression, NEBO+ weu 7 Nex TAFEIL 2 See VEHDUE CT0 MUNUMENT YELLUN ENERGY AND STRANE COUR Additional Info/Comments: SUM NI, Col, HEAVY Well condition: Pool, Hole IN CUIDA Verwy

YA5

Signature:

Resun

Name: Nicholas

GROUNDWATER MONITORING WELL INSPECTION REPORT

| MW-13.2 Date: 1-22-2020 | Fair: Poor: : Yes: . No: iround well: Yes: Dustment AND Buttled To when At Eutpance | Inadequate: | Menu Good: Damaged: Good: Damaged: Good: Damaged: Good: Damaged: Start Damaged: Damaged: Damaged: | Pvc Damaged: Good: Damaged: Good: No: | BLANGR Damaged: Missing: Current (Hz): MIA | Frew TECH 1-22-2020 Title Date |
|--------------------------------------|---|---|--|--|--|-----------------------------------|
| Facility: Sunsitive Convyon Well ID: | Access: Accessibility: Good: Fair: V Vicinity of well clear of weeds and/or debris: Presence of depressions or standing water around well: Remarks: Hab To CARRY SAMPUZNG EDUSIMENT P | Concrete Pad: Integrity: Good: Inadequ Presence of depressions or standing water around well: Remarks: | Protective Outer Casing: Material: Condition of Protective Casing: Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: المتحافية العامية المحافة الحافة المحافة الحافة المحافة الحا | Well Riser: Material: Condition of Riser Cap: Condition of Riser Cap: Measurment reference point: Remarks: | Dedicated Pump: Type: Condition: Good: Good: N/R Pumping Rate (gpm): N/R Remarks: | Field Certification: |

FIELD CALIBRATION DOCUMENTATION FORM

| LOCATION | I (Site/Facil | lity Name) <u>S</u> | NUSHINE CA | 40401 | PROJECT NAM | ME/NUMBER 5020.1006 |
|-------------------------------------|---------------|--|---------------------------|-------------------|--|---------------------|
| Instrument N | lake/Model | # HORIBA U.S (RNGJOSKW | 2 | | | |
| Date/Time 1-22-2872 0933 | рН | Electrical Conductivity (μMhos/cm) (4.49 mg/Kg) | Turbidity (NTU) (0) | DO (mg/L or %) | Guidance Remarks | Comments |
| Pre. Cal | 4.01 | 4.42 | 0- 5 | 14.10 | | |
| Calibration | 4.00 | 4.49 | 0.5 | 11.86 | | |
| Calibration Successful? (Y/N) | ۲ - | | | | enter YES or NO | |
| Satifies Protocol? | 4 - | | | | Did calibration meet criteria in the sampling protocol? (Y or N) | |
| Calibration by | NR_ | | , A | | Signature or initials | Marton |
| Physical Cond | ition of Unit | | Good | | | |

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| Address: | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------------------|--|-------------------|-----------|-----------------------|--------|-------------------------|------------------|---------|--------|-------------------|--------|--------|-----------------------|-----------------------------|--------|-----|---------|---|------------------------|
| | Regul | atory Pro | gram: | DW [| NPDES | | RCR | | Othe | er: | - | | | | | | | | 1 | | TAL-8 |
| Client Contact | Project Ma | - Date | the set will | elchi | Inc | Site | Cont | act: J | To p | 171 | 21 | | - | te: Z | and the second second | Real Property in the second | 6 | 20 | | | COC No: |
| Company Name: GLA Republic | the second se | 858-0 | and the second division of the second s | 136 | - | Lab | Cont | act: R | 1 | 101 | 10 | Va | Ca | rrier | - | 51 | A | | | | of COCs |
| Address: 11415 M. Sendardo Cr. | 1 | Analysis T | | the second second | | | 0 | 8/ | - | 1 | - | 1: | 1 | 1 | - martin | 1 | | | | 1 | Sampler: BS, NR, CV |
| City/State/Zip: 5, 7, 10, 10, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12 | CALENI | DAR DAYS | WOF | KING DAY | 'S | | | 5. | B | N | 3 | 0; | 2 6 | 5 | 1. 1 | | | | | | For Lab Use Only: |
| Phone: 854-451-1136 | TA | F if different fro | om Below | | | 2 | 2 7 | X | 2 L | 0 | 10 | 2 3 | 3 6 | Jun | M | | | | | | Walk-in Client: |
| Fax: 858-451-1087 | | 2 | weeks | | | 2> | | 34. | | N | 3 | 000 | 17 | 0 C | 5 | | | 19 | | | Lab Sampling: |
| Project Name: Lepublic Savice | | 1 | week | | | 7 | | 4 | p p | 6 | 4 | 1 | | 0-0 | V | | 114 | | 1 | | |
| Site: Sundrive Cyn, Lamofil | | 2 | days | | |) el | | 5: | | 10 | 0 | -0 | 1 | 1 | a | D. | | | | | Job / SDG No.: |
| P O # | | 1 | day | | | Filtered Sample (Y/N) | 0 5 | | 100 | II S | 41- | Y | 1 | T | 5 | | | | | | |
| | | | Sample | | | 1 Sc | | 08 | 33 | | Z | di l | SC | 5 V | 10 | | | | | | |
| | Sample | Sample | Type (C=Comp, | | # of | erec | | 53 | > 3 | 1 | 0 | 5 5 | S II | 16 | N | | 1 | | | | |
| Sample Identification | Date | Time | G=Grab) | Matrix | Cont. | Filtered | H Le | 201 | 24 | 0 | 50 | E F | e F | | 5 | | | | | | Sample Specific Notes: |
| DW-2 | 2/19/2 | s asi0 | 6 | GIW | 12 | | × | XX | ex | · × | X> | < 7 | × | | × | | | | | | |
| DW-3 | 1 | 840 | 1 | | 12 | | × | X) | ×× | × | X | x x | X | X | x | 2 | | | | | |
| PZ-4 | | 0845 | | | 12 | | X | ye) | ×× | X | X | × | X | X | + | | | | | | |
| CM-9R3 | | 1043 | | | 12 | | X | XY | ×× | × | X) | ×× | > | X | ナ | | | | | | |
| Freld Blank | | Sector Association Programmers | | LAS 120 | 4 | | × | | | | | | | | | | | | | | |
| THE BLAUK | V | epiterina and a | 7 | 1- | 4 | | X | | | | | | | | | | | | | | |
| LY-7 | rhake | 0935 | 3 | e | 12 | | X | XX | × | X | X> | $\langle \rangle$ | < × | ·× | X | | | | | | |
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| Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; | 5=NaOH; | 6= Other _ | | | | | | | | | | | | | | | | | | | |
| Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Pleas Comments Section if the lab is to dispose of the sample. | se List any E | EPA Waste | | | ple in th | e | Sampl | e Disp | osal | I (A 1 | ree m | | | | | r san | | | | | longer than 1 month) |
| Non-Hazard 📃 Flammable 🗌 Skin Irritant | Poison | В | Unkn | own | | | R | eturn to | Clien | t | | Pri | Dispo | sal by | Lab | | l | Arc | hive fo | r | Months |
| Special Instructions/QC Requirements & Comments: | - and | | | | | | | | | | | | | | | | | | | | |
| Custody Seals Intact: Yes No | Custody S | eal No.: | | | | | | Co | poler | Tem | р. (°С | ;): Ob | os'd: | | | C | orr'd: | | | ٦ | Therm ID No.: |
| Relinquished by: | Company: | laer | 7 | Date/Ti | me: 2 | -C F | Receiv | ed by: | -fp | 07 | 1 |)12 | 00 | 10 | Con | npan | IV: | - 5 | 2 | | Date/Time: 2-19-20 115 |
| Relinquished by: | Company: | | | Date/Ti | me: | F | Receiv | ed by: | | (| | | | | Con | npan | ıy: | | | | Date/Time: |
| Relinquished by: | Company: | | | Date/Ti | ime: | F | Receiv | ed in L | abo | ratory | į by: | | | | Con | npan | ny: | | | | Date/Time: |
| | | | | | | | | No. of Concession, Name | ilina - territor | | | | | | | | | - | | | |

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|---|--------------|--|------------------|--|------------|--------|---------|----------|---------|---------|-------|---------|---------|---------|--------|--------|-----------|-----------------------|--|--------|
| | Regula | atory Prog | gram: [| DW [| NPDES | | RCRA | |] Other | : | | | | | | - | | | | TAL-82 |
| Client Contact | Project Ma | | | Norl | | | | courts | | 1:11 | 5 | | ate: | 2-1 | 8- | -20 | | С | OC No: | |
| Company Name: GLA Lapushe | Tel/Email: | A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE | | the state of the s | • | Lab | Conta | ct: \ | | NGI | VOV | 90 | arrier | | 1. | A | | _ | of COCs | |
| Address: 11415 W. Bernardo Gr. | | | urnaround | | | | XC | 3/ | | 0 | 6 | . / | - | | | | | and the second second | ampler: b>, b'k'.(') | / |
| City/State/Zip: S. D. A. 421C7 | | AR DAYS | | RKING DAY | 'S | | 3 | 9 | in | 2.1. | 00 | | N | | | 15 8-1 | | | or Lab Use Only: Valk-in Client: | |
| Phone: 51-43-405 | | if different fro | | | | | | 5 1 | F.F. | HO | 23: | 1 | 5 | | 1 | | 1-9 | | ab Sampling: | |
| Project Name: Reversion Services | | | weeks week | | | Z Z | - 04 | A | E EST | 21 | 3.5 | 1.8 | 2 | | | | | | | |
| Site Sunshine Cry, landfill | | | days | | | e (Y | 3 | 5 | 18 | 90 | 1 | agest - | 1J | | | | | J | ob / SDG No.: | |
| PO# | | | day | | | s / N | 0 | - | 1.5 | 12 - | 2 2 | 1 | | | | | | | and the second second | |
| | | | Sample | | | d Sa | CO | 27 | 2814 | 1 | 5 1 | N | U | | | | | | | |
| | Sample | Sample | Type (C=Comp, | | # of | for | PA | 25 | T? | 0. | 3 1 | F | P | | | | | | | |
| Sample Identification | Date | Time | G=Grab) | Matrix | Cont. | Filter | ID | ist' | 4 | UE | SF | 1 | 5 | | | | | | Sample Specific Note | es: |
| Dus-1 | 2/18/20 | 1140 | 5 | GN | 12 | | X | *) | 12 | 70 | X | X, | + | | | | | | | |
| Extraction Theuch | | 0818 | 1 | W | 12 | | X | X> | × | >>> | ×× | X | < | | | | | | A ST | |
| Subduain (N) | | 225 | 5 | W | 12 | Y | X | X> | *X | X) | ×× | x | r | | | | | | S. S. S. S. S. S. | |
| MW-ZA | | 0853 | 1 | GW | 12 | 3 | 23 | ~ > | 52 | X | 1+ | ×. | + | | | | 1 | 2 | 1- 31 Jun 7 19 19 | |
| MW-2B | | 0944 | | 6 | 12 | | X | XX | X | XX | 1-1 | 2- | F | | | | | | | |
| MW-5 | | 0820 | | 12 | 12 | | Y. | >+ | × | rx | x | + | - | 1 | | | | | n Sin de Cale | |
| MW-1 | | 0950 | 1 | | 12 | | × | ×× | X | XX | トナ | イ | 1 | | | | | | | |
| Mw-9 | | 1249 | 1 | | 12 | | X | ヤノ | * > | XX | -+ | x | free | | | | | | N. N | |
| MW-BR | | 1333 | - Alter | | 12 | | × | ×× | X | >> | XX | Y. | r | | | | | | | |
| DW-4 | | 1025 | | V | 12 | | X | xx | 1 | + 1 | ++ | t | + | | | | | | | |
| Field Blank | 7 | anytindigidadapisa | | 4P | 4 | | x | | | | | | | | | | | | | |
| The Blank | 2/18/20 |) | J | 120 | 4 | | x | | | | | | 1 | 10 | | | | | | |
| Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; | 5=NaOH; 6 | = Other | | | | | | | | 1 | | | | | | | | | | |
| Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Pleas Comments Section if the lab is to dispose of the sample. | e List any E | PA Waste | Codes for | the sam | ple in the | | ample | Disp | osal | (Afe | e may | / be a | ssess | ed if s | ample | es are | retain | ned lo | onger than 1 month) | |
| Non-Hazard Flammable Skin Irritant | Poison I | В | Unkn | own | | - | Re | eturn to | Client | | ł | Disp | osal by | Lab | | Arc | hive for_ | | Months | |
| Special Instructions/QC Requirements & Comments: | | | | | | | | | | | | | | | | | 10 - | | | |
| | | | * | | | | | | | | | | | | | | | | , | _ |
| Custody Seals Intact: Yes No | Custody Se | eal No.: | | - | | | | | | Temp. | (°C): | Obs' | d: | - | Corr'c | d: | _ | Contractory States | nerm ID No.: | |
| Relinquished by: | Company: | -105 | 2 | Date/Ti | | J R | eceive | | net j | 2 | 1 |)c | 5 | Comp | any: | (c | 5 | | 2-18-20 1L | +:0 |
| Relinquished by: | Company: | | | Date/Ti | ime: | R | eceive | ed by: | | | | | | Comp | any: | | | D | ate/Time: | |
| Relinquished by: | Company: | | | Date/Ti | ime: | R | leceive | ed in L | abora | atory b | oy: | | | Comp | any: | | . 1 | D | Pate/Time: | |
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| | Regulator | y Program: | | ES | RC | RA | | Other: | | | | | | | | | | | TAL-8 |
|--|---|-------------------|--|---------------------|------------------|-------|---------|--------|--------|-------|--------------|---------|--------|------------------------------|-------|---------|-------------------|------|------------------------|
| Client Contact | Project Manage | er: Kyle u | selchan | Site | e Con | tact | : J. | . ~ | 1:11 | S | | Date: | | | 8 | | | | COC No: |
| Company Name: GLA Republic | | 58-451-1 | | Lak | o Con | tact | ;R | 17 | The | AQV | 19 | Carri | er: 🐔 | and have | IA | parson- | | | of COCs |
| Address: 11415 W. Bernavalo CT. | Analy | sis Turnaround | Time | | C | 13 | - | 1 | | A CE | | ~ | | | | | | | Sampler: SINKIV |
| City/State/Zip: 5, D., CA. 92127 | CALENDAR D | AYS WOR | KING DAYS | | 5 | ĝ k | 10 | 21 | 14 | 0,0 | 1 | - | | | | | | | For Lab Use Only: |
| Phone: 558-451-1135 | TAT if diffe | erent from Below | | | Î | 16 | 3 | 5 | 5. 1 | 99 | 1 | * | | | | | | | Walk-in Client: |
| Fax: 858-451-1017 | | 2 weeks | | z | 70 | 100 | S P | -2 | 0.0 | ¢ ; | 59 | 134 | | | | | | | Lab Sampling: |
| Project Name: Kepuslic Services | | 1 week | | 2 | 05 | 1 | 1 | | 5- | | X | 2 | | | | | | | |
| Site: Schrick Cyn, Landfill | | 2 days | | ple | SM C | 15 | | 10 | - | 2 3 | 1 | | | | | | | | Job / SDG No.: |
| F 0 # | | 1 day Sample | | am | Perform MS / MSD | 0- | -7 | 3 | 1. | STAR | N | 11 | | | | | | | |
| | | Type | | pa o | ٤ « | t L | 187 | 31 | 1 | 25 | 50 | Ň | | | | | | | |
| Ocean la laboratione diam | | nple (C=Comp, | # of | Filter | erfo | 27 | 1PX | 30 | -17 | - 20 | -C | F | | | | | | | |
| Sample Identification | | me G=Grab) | Matrix Cont. | | | | 01 | | | | 1 | 1 | | | | | | | Sample Specific Notes: |
| DW-S | 2/18/20 11 | 27 h | GN 12 | | 7 | X | X | X | XV | × | × | x | | | | | | | |
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| | | | | Π | | 2 | >_ | | - | 1 | and a second | | | | | | | | |
| | | | | $\uparrow \uparrow$ | | | 2 | 2 | | 1 | | | | | | | | | |
| | | | | ++ | + | | | | | | | | | | | - | + | | |
| Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; | 5-N204-6- 0t | hor | | | _ | | | | _ | | | | _ | | | | | | |
| Possible Hazard Identification: | 3-MaON, 0- 01 | | | | Samr | le D | isno | sal (| A fee | may | v he | 2550 | sed | ifsar | mnle | sare | retai | ined | longer than 1 month) |
| Are any samples from a listed EPA Hazardous Waste? Pleas | e List any EPA V | Vaste Codes for t | he sample in t | | e ann p | | | | | ,a. | , | | | ii oui | mpro | o ure | rotai | | longer than t month, |
| Comments Section if the lab is to dispose of the sample. | | | | | | | | | | | | | | | | | | | |
| Non-Hazard 🗌 Flammable 🗌 Skin Irritant | Poison B | Unkno | own | | | Retur | rn to C | Client | | [| Dis | posal b | by Lab | | | Ar | chive fo | or | Months |
| Special Instructions/QC Requirements & Comments: | | | | | | | | | | | | | 22 | | 1.3 | | | | and and the first |
| Custody Seals Intact: Ves No | Custody Sool N | <u>.</u> | | _ | | | 10.00 | ler Tr | emp. | (°C). | Ohs | 'd· | _ | C | orr'd | | | - | Therm ID No.: |
| Custody Seals Intact: Yes No Relinquished by: | Custody Seal N Company: | 0 | Date/Time: | T | Recei | ved | | | Sinp. | (0). | 0.00 | a | 100 | mpar | | | | | Date/Time: |
| Man Anim | 1 0 | 5720 | Date/Time: 2 | 2 | 5 | | A | 1 / | 0 |) | | | | A | IC. | 5 | | | 7-18-20 14- |
| Relinquished by: | Company: | | Date/Time: | | Recei | ved | by: | | | | | • | Co | mpar | ny: | | | | Date/Time: |
| Relinquished by: | Company: | | Date/Time: | 1 | Recei | ived | in La | iborat | tory b | y: | | | | mpar | ny: | | | | Date/Time: |
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| | Regul | atory Pro | gram: 🛛 | DW [| NPDES | 34 | | A [| Oth | er: | | | | - | | 4 | | | | | | | TAL-82 |
|---|-------------|--|----------------------------|-----------|-----------|---|--------|----------|----------|--------|--------|---|---------|---------|------|------|--------|--------|---------|----|-----------------|-----------|--------|
| Client Contact | Project Ma | anager: 🌾 | yew | e icu | nong | Site | Cont | act: 🕻 | 5. | MI | 11 | 5 | Date | : 2 | -1" | 7- | .5 | 0 | | С | OC No: | | |
| Company Name: GLA Prika Slic | | 858 d | | | | _ | | | | ST | ma | NG | Carr | ier: 1 | T | 11 | 1-m | | | _ | of | COC | Cs |
| Address: 11415 w. borney do ct. | | Analysis T | urnaround | Time | | | | 3 | 1 | | 66 | 0 | | | | | | | | S | ampler: | -0,5 | 1 K |
| City/State/Zip: San Diego, Ch. 92127 | CALEN | DAR DAYS | WOR | RKING DAY | ′S | | 3 | × v | 56 | - | 00 | ē_ | - | | | | | | | | or Lab Use Only | /: | |
| Phone: 858-951-1735 | TA | T if different fro | om Below | | | 2 | N | 0 | CL NY | 1 | 40 | 5 8 | N C | | 1 | | | | | | Valk-in Client: | 1000 | |
| Fax: 858-451-1087 | | 2 | weeks | | | | | 51 | NN | 1 | , m. | 2 | F | | | | | | | Li | ab Sampling: | | |
| Project Name: Kepublic Services | | 1 | week | | | 7 | S | - | DN | 1 | e | 50 | | | | | | | | | | | |
| Site: Sunshine Cru- Conol Fill | | 2 | days | | | MS MS | 2 0 | 9 | | 643 | 2 | 33 | - Q | | | 1 | | | | Jo | ob / SDG No.: | | |
| P O # | | 1 | day | | | Sample (Y MS / MSD | 2 | 5 | 38 | 0 0 | en | N. V | w | | 1 | 1 m | 1 | | | | | | |
| | Sample | Sample | Sample Type (C=Comp, | | # of | Filtered Sample (Y / N) Perform MS / MSD (Y / | A S. | 40 | ikal | 100 | 1/41 | SAC Y | 20 | | | | | | | | | | |
| Sample Identification | Date | Time | G=Grab) | Matrix | Cont. | Fil | NTA - | W/ | × & | 0 | CP | 12- fr | 14 | | | | 000000 | | | | Sample Sp | ecific No | otes: |
| CM-10R | zInk | 01313 | 6 | GW | 12 | | X | X> | x x | X | X | XX | X | | | | | | | | | | |
| CM-11R | | 1047 | 1 | 1 | 12 | - | ·× | X | (7 | x | × | 17 | X | | | | | | | | | | |
| MW-6 | | 1400 | | | 12 | | 7 | × | x7 | XX | x> | $\langle \rangle$ | X | | | | | | | | | r | |
| M12-14 | | 1215 | | 1 | 12 | | × | X | XX | X | × | 17 | X | | | | | | _ | | | | |
| RZ-2 | | 1016 | | J | 12 | | V | ~ < > | <> | X | XI | <x< td=""><td>×</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></x<> | × | | | | | | | | | | |
| Cantined Subdrains | | 1255 | | wh | 12 | | 4 | 1. | X | XX | X | ×7 | X | | - | | | | - | _ | | | |
| Duplicate | | | | AW | 12 | | 7 | + | 77 | XX | - × | X> | *X | | | | | | - | _ | | | |
| Trap Blaule | | ventiment | | CARS | Ч | \square | X | | | | 4 | | | | - | - | | | _ | | | | |
| Fred Manic | 之小林九 | 0 | V | 1 | Ч | \square | X | | - | | | | | _ | | | 1 | | | | 11.1.1 | | 1.1.1 |
| | | | | | | \square | | | | | | | | | - | | | | | _ | | | |
| | | | | | | | - | | | | | | | | - | | + | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; | 5=NaOH; | 6= Other _ | | | | | | | | | | | | | | | | | | | 11 | | |
| Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Pleas Comments Section if the lab is to dispose of the sample. | se List any | EPA Waste | Codes for | the sam | ple in th | | Samp | ie Dis | posa | ai (A | tee n | ay b | e ass | esse | airs | samp | Dies | are re | etain | | onger than 1 mo | munj | |
| Non-Hazard Flammable Skin Irritant | Poiso | n B | Unkn | nown | | | | Return t | to Clie | ent | | X | Disposa | l by La | b | | | Archiv | ve for_ | | Months | 1 | 152 |
| Special Instructions/QC Requirements & Comments: | | | 1 | | | | | | | | | | | | | | | | | 1 | See Pr | | 1 |
| Custody Seals Intact: Ves No | Custody S | Seal No : | | | | | | | Coole | er Ten | np. (° | C): Ob | os'd:_ | | | Cor | r'd: | | | TI | herm ID No.: | | |
| Relinquished by: | Company | and the second se | | Date/T | ime: | F | Receiv | ved by | 1 | | | | | C | Comp | any: | · | í/a | 5 | T | Date/Time: | 14 | 140 |
| Relinquished by: | Company | and a second sec | | Date/T | ime: | F | Receiv | ved by | 1: | | | | | | Comp | - | | | | | Date/Time: | | |
| Relinquished by: | Company | : | | Date/T | ime: | F | Receiv | ved in | Lab | orator | y by: | | | C | Comp | any: | | -1 | | | Date/Time: | | |
| | | | | | | | | | | | | | | | | | | | - | | | | |

GROUNDWATER MONITORING PROGRAM WATER LEVEL SURVEY RECORD SHEET

Meter CVU 10 SITE NAME: SLAUNCHANNEL DATE: 3-17-70 PROJECT NUMBER SCAPALAL

| | | | | | | | | | | | | | | | | Incovered. | | | | | | | | | | | |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----------|-------|--------|-------|-------|--------|----------------|----------|--------|-------|--------|---------|--------|-------|-------|-------|-------|----------|
| COMMENTS | | | | | | | | | | | | | | | | Wer Schole Col | A | | | | | | | | | | |
| DEPTH TO WATER (DTW) | 15.16 | 33,56 | 17.66 | 15.07 | 16.30 | L, SL | 11.28 | 16-85 | 14,09 | 196 | 24,08 | 156,01 | 38,35 | 13.28 | 11.560 | 10,65 | 48.09 | 16.04 | 92,73 | 121.49 | 78. EEC | 110,63 | 33.93 | 17.65 | 17.16 | 13,59 | |
| ACTUAL TOTAL DEPTH (TD) | | | | | | | | | | \ | | | | | | | E. | | | | | | | | | | |
| CONSTRUCTION TOTAL DEPTH (TD) | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| MELL ID | MW-1 | MW-ZA | MW-2B | SIMM | MW-6 | MULT | p-mm | MW132 | Murici | Thu-1 | AN-2 | thu-3 | H-MA | DW-S | OHISR | CM-923 | CM-102 | CM-112 | 1-29 | PE-3 | 82-53 | ちても | 5-M-J | Ew-3 | FUN-4 | SMO | REMARKS: |

R)

| ATES ATES Are Engineers | GROUNDWATER MONITORING PROGRAM SURFACE WATER DATA SHEET | SITE: SANGLALO CAL | LY-7 San RS 8ar Du | ODOR PH CONDUCTIVITY TURBIDITY D.O. TEMPERATURE mg/L °C mg/L | Xes 7, ou 5,39 1,8 0,92 39,77 -166 | (including stream flow rate, stream depth): Four concerns and scs. They got | us collected to the sample par a construction with the fire | 10/Comments: Cherrical Land | | of Solund / Bed delas | | |
|-------------------------------|--|--------------------|--------------------------|--|------------------------------------|--|---|-----------------------------|--|-----------------------|--|--|
| | | | | Horiba model and. COLOR ODC | | Surface water conditions (inc C. C. L. J. C. R. R. C. | Le USIN | Comments: | | Ber | | |

.

| GROUNDWATER MONITORING PROGRAM | SITE: SALPHING CY U | raction samplin Server Samplin Ssrupult Duplicat | influe influe ph conductivity turbibity D.O. TEMPERATURE O.R.P. mV Listern NTU mg/L °C mV mV - 5f | ling stream flow rate, stream depth): Saw NY collocated a | Ale Deve | Mudy Clear, Cerd | A A A | | |
|--|---------------------|--|---|---|-------------|--------------------------------|-------|--|--|
| Geologists , Hydrogeologists, and Engineers Geologists, Hydrogeologists, and Engineers | | Station I.D.: Collected By: Horiba Model S/N: | CLO EN YER | | File Blaule | Additional Info/Comments: UVIL | | | |

| | GROUNDWATER MONITORING PROGRAM SURFACE WATER DATA SHEET SITE: Sundative Sole, toth | Sampling Date: 2.4.5.2.4. Sampling Time: (2.3.5 Duplicate Sample: YES (10) | TURBIDITY D.O. TEMPERATURE O.S. n. n. NTU mg/L 2,30 2,5,211 | depth): Jaw NUS Calloaded 0 | 1 1 1 1 1 | Je Je | |
|--|--|--|---|--|---------------------------|-------|--|
| Geologists, Hydrogeologists, and Engineers | GROUNDWATER N SURFACE W SITE: | Station I.D.: Collected By: Horiba Model S/N: <u>PESSUGUT</u> | COLOR ODOR PH CONDU Muchy Yeg 679 5, | Surface water conditions (including stream flow rate, stream depth): | Additional Info/Comments: | Len X | |

| Geo-Logic AssocIATES Geologists, Hydrogeologists, and Engineers | GROUNDWATER MONITORING PROGRAM CONDENSATE WATER DATA SHEET | e: Sundyine Chu, Project No.: 3020, 1026 | SIN: RESSUGL | LOR ODOR PH CONDUCTIVITY TURBIDITY D.O. TEMPERATURE O.R.P. ms/cm NTU mg/L °C mV | 18- Yes 6:31 3.38 3.4 3.43 34,87 -91 | Condensate sampling station conditions: The July Tollow (2) HTP J.J. | AG (Fred planc) Taken Leve | Info/Comments: SULLING, Card | Zer Selaney signature: 122 / Jac | |
|--|---|--|---|--|--------------------------------------|--|----------------------------|------------------------------|----------------------------------|--|
| Geo-L A s s o c I A T Geologists, Hydrog | | Site Name: | Station I.D.: Collected By: Horiba Model S/N: | COLOR | Cler V | Condensate sampling | वटकेत (| Additional Info/Comments: | Name: 1265 | |

Geo-Logic A S S O C I A T E S Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| Well I D · | > | 7-7 | | Complian Det | ä | | ALLA I |
|--|----------------|----------|-----------------------|-----------------------------------|---------------|-------------------|--------------|
| | |) 2 | | Samping Date. | Ŀ | 0.01-10 | |
| | | 10 | | Purge start Time: | me: | | |
| Casing Diameter (inches): Starting Water Level: | nches): | Art | | Purge Stop time: Sampling Time | ne: | | |
| Total Depth (feet): | | | | Ending Water Level (feet): | Level (feet): | | |
| Water column (feet): | ;(| / | | Total Purged (gallons): | (gallons): | | |
| Screen Length (feet): | t): | | | PID/FID Reading: | :bu | | |
| Furge volume (gallons): Horiba Model S/N: | | | | Duplicate Sample: | :eldr | YES | |
| GALLONS PURGED | WATER LEVEL | Hd | CONDUCTIVITY µs/cm | | D.O. mg/L | TEMPERATURE °C | O.R.P. mV |
| | | | | | | | |
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| Purge Sampling Rates: | is ASI | welter | a New | RE SW | be di | 7. Kylo a | Late |
| 2 stin | Jan L | 1110COLD | | | | | |
| Well condition: OV | | | | | | | |
| | | | | | | | |
| Additional Info/Comments: | ments: SUX | NWA, C | 1 IM) Por | ろうち | 20 | | |
| (and | 1 | Z | | | 2 | | |

9 -2 C



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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

LE CANYON

Low Flow

| Project No.: | 3020,1006 | |
|--------------------------------|-----------|---|
| Sampling Date: | 212/61/2 | |
| Purge start Time: | 1017 | |
| Purge Stop time: | 1033 | |
| Sampling (Well Recovery) Time: | e hoi | |
| Ending Water Level (feet): | 84-11 | |
| Total Purged (gallons): | +2/12 | |
| Duplicate Sample: | YES | A |
| | | |

9

| | | mon ramilis co | | | | | | | Г |
|-----------------------|---------|----------------|-------|-----------------------|------------------|---------------|-------------------|--------------|---|
| TIME | GALLONS | WATER LEVEL | Hq | CONDUCTIVITY ms/cm | TURBIDITY NTU | D.O. mg/L | TEMPERATURE °C | 0.R.P. mV | |
| 010 | 12 | hh-11 | 6.51 | 4.51 | \$42 | 0.0 V | 12.21 | - 20 | 1 |
| 1023 | - | 11.42 | 6.47 | 4.52 | 131 | 0.00 | h1.21 | 12- | |
| 1626 | 112 | 11.44 | 6.43 | 4-51 | lolo | 0.00 | 18.10 | - 18 | |
| 1029 | 2 | 9411 | 24.9 | 4.51 | 2.99 | 0.0 | 12.10 | 41- | |
| 1031 | 214 | 11.46 | 24.9 | 4.51 | 99.0 | 0-01 | 18.10 | -16 | |
| 1033 | 2/12 | 84.11 | 24.91 | 4.51 | 7.8P | 0.05 | 11.81 | -16 | |
| | | | | | | | | | |
| | | | | | | | | | 1 |
| | | | | | | | | | T |
| | | | | | | | | | 1 |
| | | | | | | | | | |
| | | | | | | | | | |
| Purge Sampling Rates: | PST | 25 | Ref | Zefil(30) | | DISCHAREE(10) | فدرانك | | |

250 TO 079 EXCAVATOR Funde SUT herers, SLS THE BURDERO SN BEING 5 WELL 4-6 FEET temp UP WELL, BARETER NEEDED TO PREVENT Additional Info/Comments: SWANY, CLEAR, Wild Well condition: Pook, WELL BURFIED BY BOWN WITH NU ONOR Naren

Signature:

Reisn

Name: Nichula

GROUNDWATER MONITORING WELL INSPECTION REPORT

| Facility: | SUNSHERVE CANYON | NOW | Well ID: | CM-9R3 | Date: 2/14/2020 | 3 |
|--------------------------|--|---------------|---|---|---|---------------------|
| Access: A | Accessibility: | Good: | | Fair: | Poor: | |
| > | Vicinity of well clear of weeds and/or debris: | clear of wee | ds and/or d€ | ebris: | Yes: | No: |
| o. « | Presence of depre Remarks: WELL Remue | S I | SURPLED 4-6 FEFT SOLFAED 4-6 FEFT SOLFAED 4-6 FEFT SOLFAED 4-6 FEFT TO ACCE | und we | II: Yes: Kes: Sold Excavator 1 soll. Sch Excavator 1 ill. Bareten Needer To | NO: USED TU WELL |
| Concrete Pad: Inte | ad: Integrity: NIA | Good: | | Inadequate: | | |
| ۵. | resence of dep | ressions or : | standing wa | Presence of depressions or standing water around well: | Yes: | No: |
| 8 | Remarks: CONCRETE | | CT OF | NUT VISABLE | | |
| Protective Outer Casing: | uter Casing: | | Material: | Metal | | |
| 0 | Condition of Protective Casing: | otective Casi | ng: | Good: | Damaged: | |
| 0 | Condition of Locking Cap: | cking Cap: | | Good: | Damaged: | |
| Ū | Condition of Lock: | ÷ | | Good: | Damaged: | |
| 0 | Condition of Weepholes: | sepholes: | | Good: | Damaged: | |
| œ | Remarks: Lockzwa CAP Unlaking Well | zhing we | | Lalizona carp Samaceo, caru Remove Unlaking well. Repairs needed | WELL LTO | rentin |
| Well Riser: | | | Material: | DVC . | | |
| Ŭ | Condition of Riser: | er: | | Good: | Damaged: | |
| Ŭ | Condition of Riser Cap: | er Cap: | | Good: | Damaged: | |
| 2 | Measurment reference point: | erence poin | ť | Yes: | No: | |
| œ | Remarks: | | | | | |
| Dedicated Pump: | mp: | Type: | | BLADDER | | |
| Ŭ | Condition: | Good: | 1 | Damaged: | | Missing: |
| ā. | Pumping Rate (gpm): | | NIA | Current (Hz): | NIN . | |
| α | Remarks: | | | | | |
| Field Certification: | tion. | SP - S | Du | hold Told | e | 2/19/6020 |
| נופות כפו וווילי | | Signed | 5 | Title | 2 | Date |

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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| SUNSHERNE CANYON | CM-102 | | er (inches): | Level: | et): 110.90 | feet): |
|------------------|------------|---------------|---------------------------|-----------------------|---------------------|----------------------|
| Site Name: | Well I.D.: | Collected By: | Casing Diameter (inches): | Starting Water Level: | Total Depth (feet): | Water column (feet): |

Screen Length (feet): Water column (feet):

| Project No.: | SUZO, 1006 |
|--------------------------------|------------|
| Sampling Date: | 2/17/200 |
| Purge start Time: | 1240 |
| Purge Stop time: | 1303 |
| Sampling (Well Recovery) Time: | 1313 |
| Ending Water Level (feet): | 48.38 |
| Total Purged (gallons): | 34 |
| Duplicate Sample: | YES |

| 220 | 0 | | | S | | ON |
|--------|------|------|------|------|----|-----|
| 5/17/2 | 124C | 1303 | 1313 | 48.3 | 34 | YES |

| Sample Method: Horiba Model S/N: | d: S/N: | MICRO PURGE LOW FLOW | LOW FLOW | | | | | |
|-------------------------------------|-------------------|----------------------|----------|-----------------------|------------------|--------------|-------------------|--------------|
| TIME | GALLONS PURGED | WATER LEVEL | Hd | CONDUCTIVITY ms/cm | TURBIDITY NTU | D.O. mg/L | TEMPERATURE °C | O.R.P. mV |
| 1249 | 1 | 48.33 | 6.61 | 3,06 | 0-0 | Cool | 19.12 | 14 |
| 1252 | 1'12 | 48:38 | 6-60 | 3.05 | 0.0 | 0.00 | 21.64 | Ч |
| 1255 | 2 | 48.35 | 6.56 | 3.05 | 0.5 | C 0-0 | 71.64 | 9 |
| 1257 | h1,2 | 48.38 | 10:62 | 3.05 | ڻ.ن | 000 | 89-12 | 1- |
| 1259 | 2,12 | n. | 6.61 | 3.05 | 0.0 | 0.00 | 71.64 | - 10 |
| 1301 | h/22 | 11 | ا ما و ا | 3.05 | 0.3 | လဂုိစ | 89-12 | - 15 |
| 1303 | 2 | 1 (| 6.62 | 3.05 | 0.0 | (0-0 | 21.65 | -18 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Purge Sampling Rates: | Rates: 50 | FST | 5 | Refill (40) | | DISCHARGE | reliz) | |
| | | | | | | | > | |
| | | | | | | | | |

Signature:

MENDS, MERO TEMP

LICHT

CLEAR

Sund

Additional Info/Comments:

DOOR

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HIZM

CLEAR

WATER -

Well condition: OL

KEAZON NHEHOURS Name:

GROUNDWATER MONITORING WELL INSPECTION REPORT

| Date: 2/17/2020 | Poor: Yes: No: Vo: Vo: Vo: Vo: Vo: Vo: Vo: Vo: Vo: V | Yes: No: | Damaged: Damaged: Damaged: Damaged: | Damaged: Damaged: No: | N/A Missing: | Uctives Date |
|---------------------|---|---|---|--|---|----------------------|
| Well ID: CM-102 D | | Inadequate: ng water around well: | rial: Good: Good: Good: Good: Good: Cood: | rial: Good: AC Yes: Yes: | BLARDER Damaged: Current (H2): | the field tech |
| SurshENE CANYON Wel | Accessibility: Good: Fair: Fair: Vicinity of well clear of weeds and/or debris: Presence of depressions or standing water around well: Remarks: | ad: Integrity: Good: Indeguerese of depressions or standing water around well: Remarks: | Protective Outer Casing: Material: Condition of Protective Casing: Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Material: Condition of Riser: Condition of Riser Cap: Measurment reference point: Remarks: | Pump: Type: Condition: Good: <u>v</u> Pumping Rate (gpm): <u>MM</u> Remarks: | ication: Signed |
| Facility: | Access: | Concrete Pad: Int Pre Re | Protective | Well Riser: | Dedicated Pump: Condi Pump Rema | Field Certification: |

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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| HINE CANYON | CM-112 | NC | Ч | 16.04 | 31.00 | 14.9 b | ۱ | ge Low Flow | (RN6308KW |
|-------------|--------|----|---|-------|-------|--------|---|-------------|-----------|
| Surtisuid | CM | | | | 3 | 41 | | Micro Purge | U-52/8 |

Casing Diameter (inches):

Collected By:

Site Name: Well I.D.: Starting Water Level:

Total Depth (feet):

Screen Length (feet): Water column (feet):

Horiba Model S/N: Sample Method:

| 3022,1006 | 2/17/2020 | 0925 | 1037 | y) Time: 1047 | 16.94 | 11/2* | VES |
|--------------|----------------|-------------------|------------------|--------------------------------|----------------------------|-------------------------|-------------------|
| Project No.: | Sampling Date: | Purge start Time: | Purge Stop time: | Sampling (Well Recovery) Time: | Ending Water Level (feet): | Total Purged (gallons): | Duplicate Sample: |

| FIERE ¥ |
|-----------|
| Conected |
| DUPLICATÉ |
| R |

| | | | 2 | | | | | |
|-----------------------|-------------------|----------------|-------|--------------|------------------|--------------|-------------------|--------------|
| TIME | GALLONS PURGED | WATER LEVEL | Hď | CONDUCTIVITY | TURBIDITY NTU | D.O. mg/L | TEMPERATURE °C | 0.R.P. mV |
| 547 | 2/2 | 16.45 | 5.85 | 1.7.1 | 5.7 | Ó.ö. | 16.17 | 961 |
| 0959 | 3/4 | 16.62 | rt. 5 | 4.5.4 | 5.3 | 0.0 | 42.M | 112 |
| 1013 | _ | 16.81 | 5.64 | th.H | t.s | 0.00 | 85:91 | 022 |
| 1024 | 1 //4 | 16.87 | 5.61 | 4.43 | 5.6 | 000 | 1 4-91 | 236 |
| 1037 | 1/1 | 16.91 | 5.60 | 4.42 | 5.8 | 0.00 | 16.44 | 240 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | r | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Purge Sampling Rates: | tates: PST | 30 | | Repaul25 | | DESCHARGE 1 | 4 e (4) | |
| | | | | 3 | | | > | |
| | | | | | | | | |

REASON

NITCHURS

Name:

CONIM

しちしまし MITO TEMP, CLEAR Additional Info/Comments: SUNY,

0000 2 CLEAP WITH SI 1 WATER Well condition: OK

Signature:

GROUNDWATER MONITORING WELL INSPECTION REPORT

| Facility: | SUNSHENE GR | CANYON Well ID: C | CM-112 Da | Date: 2/17/2020 | crop |
|---|--|---|---|--|-------------------|
| Access: | Accessibility: G Vicinity of well clear o Presence of depressio Remarks: BACK & | ood: Lood if weeds and/or de ins or standing wat | CHANNEL | | Access WELL |
| Concrete Pad: Int Pre Rei | Pad: Integrity: Presence of depre Remarks: | ad: Integrity: Good: Inadequ Presence of depressions or standing water around well: Remarks: | Inadequate: r around well: | Yes: | NO: |
| Protective | Protective Outer Casing: Ma Condition of Protective Casing: Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Material: ective Casing: ing Cap: : pholes: | METAL Good: Good: Good: Cood: | Damaged: Damaged: Damaged: Damaged: | |
| Well Riser: | : N Condition of Riser: Condition of Riser Cap: Measurment reference point: Remarks: | Cap: rence point: | Good: AVC Good: Aves: Aves: | Damaged: Damaged: No: | |
| Dedicated Pump: Condit Pumpi Remar | tion: ing Rate (g ks: | Cood: | BLAUNER Damaged: Current (Hz): | EI Z | Missing: |
| Field Certification: | | Signed | FEELS TECH | 6 | 2/17/2010 Date |



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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

SUNShine Can Mar nh 1

5 0 *C*⁸

Duplicate Sample:

Low Flow

Micro Purg

Total Depth (feet): Water column (feet): Screen Length (feet):

Sample Method:

Project No.: Sampling Date: Purge start Time: Purge Stop time: Sampling (Well Recovery) Time: Ending Water Level (feet): Total Purged (gallons):

Casing Diameter (inches):

Collected By:

Site Name: Well I.D.: Starting Water Level:



| | Horiba Model S/N: | | 4-52 Well PSURG | L PSURG | | | | | |
|-------------|-----------------------|--|-----------------|--|------------------------------|------------------|--------------|-------------------|--------------|
| | TIME | GALLONS | WATER LEVEL | Ηd | CONDUCTIVITY ms/cm | TURBIDITY NTU | D.O. mg/L | TEMPERATURE °C | 0.R.P. mV |
| | 0858 | . | 15.17 | H-1-L | 2.37 | 48-7 | 2.62 | 1967 | 80 |
| | HOPO | | 15-18 | 7.15 | 230 | 502 | 1.38 | 19.67 | 20 |
| | 01 10 | Ч | 15.31 | 7.16 | Zizz | H3.1 | 1-10 | 19.67 | 200 |
| | Ogin | 2/2 | 15.19 | 7.16 | 2.01 | H0.3 | 1-05 | 19.64 | 123- |
| | 0916 | 212 | 15-18 | 91.2 | 1.86 | 36.0 | 1.05 | 19-66 | 48 |
| laybel tube | 0918 | 234 | 15.18 | 7.15 | | 33.1 | 1.02 | 19-66 | 22 |
| | 0925 | N N | 15-18 | 7-15 | 158 | 26.6 | | | 68- |
| | 0927 | 3/4 | 15-18 | 1 | 1.58 | 26.5 | 1 | 19.60 | 68. |
| | 09 30 | 312 | 15.18 | 715 | 1-57 | | | | 63. |
| | | | | • | • | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | Purge Sampling Rates: | Rates: PSI | 20 | R | PEFIT BO | 6 | Discharg | ell) | |
| | | ok 1 | N MEDE V | 01121 | V IV Q | Lauer A | an ale | | |
| 2 | Weil condition: | 91 ~~~ | 1 mm | Vennin | 1000 not 100m Unall Vernaint | n. Inn | n volu | | |
| | Additional Info/C | Additional Info/Comments: 541111 COOL BIPCSY | nati cc | of Bi | P024. | | | | |
| | | | | and a second | | 11 | 2 3 | | 120 |

Signature

Name: CM/ Stign 19/02/2019

| | GROUNE | OWATER | S MON | ITORIN | G WELL | GROUNDWATER MONITORING WELL INSPECTION REPORT | REPORT | |
|-----------------------|--|------------------|-------------|-------------------|---------------|--|--------------|--------|
| Facility: | SUNShine can Yal | canyor | Well ID: | -MW | | Date: 2/15 | 1/3096 | 6 |
| Access: | Accessibility: | Good: | 7 | Fair: | | Poor: | | |
| | Vicinity of well clear of weeds and/or debris: | clear of weed | s and/or de | ebris: | | Yes: | No: | 2 |
| | Presence of depressions or standing water around well: | ressions or st | tanding wa | ter around | well: | Yes: | No: | 2 |
| | Remarks: | Wee | IS Bee | Rining H | mas o | Weeds Begining to grow ground well offering by | il OHEN | Pag zu |
| Concrete Pad: Inte | ad: M | f Good: | | Ina | Inadequate: | | | |
| | Presence of depressions or standing water around well: | ressions or st | tanding wa | ter around v | well: | Yes: | No: | 2 |
| | Remarks: C | enacte | e An | I pma | er so | concrete Around IS not visible. | | |
| Protective | Protective Outer Casing: | | Material: | 2 | Metgi | | | |
| | Condition of Protective Casing: | otective Casin | .: B | Good: 🖌 | X | Damaged: | | |
| | Condition of Locking Cap: | cking Cap: | | Good: | 7 | Damaged: | | |
| | Condition of Lock: | k: | | Good: | N | Damaged: | | |
| | Condition of Weepholes: | sepholes: | | Good: | 2 | Damaged: | | |
| | Remarks: | AL | marb | - POOS PUNAJO 114 | 3 | | | |
| Well Riser: | | | Material: | 1d | VC , | | | |
| | Condition of Riser: | er: | | Good: | 7 | Damaged: | | |
| | Condition of Riser Cap: | er Cap: | | Good: | 7 | Damaged: | | |
| | Measurment reference point: | erence point | | Yes: | A | No: | | |
| | Remarks: 🛛 | missing Byue cap | fue cq | в | | | | |
| Dedicated Pump: | Pump: | Type: | | Bladde | J | | | |
| | Condition: | Good: 💪 | | | Damaged: | | Missing: | |
| | Pumping Rate (gpm): _ | (mq | NIA | | Current (Hz): | z): N/A | I | |
| | Remarks: | | | | | | | |
| | | A e / | | 1 | | | | |
| Field Certification: | îcation: | Signed | | | FieldTe | 1/2 1 | SV R Date | 120 |

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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| Site Name: | SUNSHINE CANYON |
|---------------------------|----------------------|
| Well I.D.: | MW-2A |
| Collected By: | NC. |
| Casing Diameter (inches): | Ч |
| Starting Water Level: | 33.59 |
| Total Depth (feet): | 41.30 |
| Water column (feet): | 14.4 |
| Screen Length (feet): | l |
| Sample Method: | Micro Purge Low Flow |
| | |

| Project No.: | 5020,1006 | |
|--------------------------------|-----------|---|
| Sampling Date: | 2/18/2020 | 0 |
| Purge start Time: | 40%0 | |
| Purge Stop time: | 0843 | |
| Sampling (Well Recovery) Time: | 0853 | |
| Ending Water Level (feet): | 34.32 | |
| Total Purged (gallons): | 121.1 | |
| Duplicate Sample: | YES | 9 |
| | | |

| Horiba Model S/N: | :N/ | U-S2/RN630SKW | msilw | I | | | | | |
|-----------------------|-------------------|----------------|-------|-----------------------|------------------|--------------|-------------------|--------------|---------------------------------------|
| TIME | GALLONS PURGED | WATER LEVEL | Hd | CONDUCTIVITY ms/cm | TURBIDITY NTU | D.O. mg/L | TEMPERATURE °C | O.R.P. mV | |
| 0614 | 12 | 33.96 | 6.43 | 3.23 | 1.5 | 0.00 | 20.22 | 11 | |
| 5280 | 34 | 34.08 | 6.45 | 5.23 | 0.9 | 0.61 | 20.66 | б | |
| 1280 | 1 | 34.17 | 6.46 | 42.2 | 0.9 | 0.0 | 26.02 | 1 | |
| 5837 | 1 14 | 34.25 | 6.47 | 7. zy | 0.8 | 0.00 | 21.11 | h- | |
| 5430 | 112 | 34.32 | 547 | 42.2 | 0.8 | 0 00 | 21.16 | h- | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | - | |
| | | | | | | | | | ······ |
| | | | | | | | | | |
| | | | | | | | | | · |
| | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| Purge Sampling Rates: | Rates: 25 | 84 | (× | Ref. 11 (20) | | Dischurge (5 | 5) | | 1 1 |
| | | | | | | | | | |

breezy Suny, cler, Additional Info/Comments:

0000 22 HIZM crean Well condition: OK , WATER

U Signature:

Reason

Nicholas

Name:

GROUNDWATER MONITORING WELL INSPECTION REPORT

| Facility: | SUNSHENE GANYON | vell ID: | M-2 D | Date: 2/18/2020 | 2 |
|---|--|--|---|--|----------------------------------|
| Access: | essibility: inity of well clear sence of depress marks: PAN TO | Good: Fair: of weeds and/or debris: ions or standing water around ເດລະຊັຽດທີ່ແມ່ນ ອະກາມອັ | Fair: oris: er around well: นิเกาเฮ อังเมง รьณิ | Poor: Yes: Yes: AND EQUIPAG | NO: NO: EQUERNENT TO LUELC |
| Concrete Pad: Intr Pre Rer | egrity: NIA :sence of depress marks: Cowcle | Good: ions or standing wate | Inadequate: ater around well: Nut V±১Aઉ८ <i>€</i> | Yes: | No: |
| Protective | Protective Outer Casing: Ma Condition of Protective Casing: Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Material: ve Casing: Cap: bles: | Good: Cood: | Damaged: Damaged: Damaged: Damaged: | |
| Well Riser: | N Condition of Riser: Condition of Riser Cap: Measurment reference point: Remarks: | Material: p: ce point: | FVC Good: C Ves: Ves | Damaged: Damaged: No: | |
| Dedicated Pump: Condii Pumpi Remar | Typ tion: ing Rate (gpm, ks: | : Sood: ZIA | Braboër Damaged: Current (Hz): | Nin | Missing: |
| Field Certification: | cation: Signed | B | Theld Tech | 2/2 | 2/18/2220 Date |

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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| 2 | | | :(1 | | | | | Micro | U-5 | SNC | SED | and the second se |
|------------|------------|---------------|---------------------------|-----------------------|---------------------|----------------------|-----------------------|----------------|-------------------|---------|--------|---|
| | | | er (inches | Level: | et): | (feet): | (feet): | ä: | S/N: | GALLONS | PURGED | |
| site Name: | Well I.D.: | Collected By: | Casing Diameter (inches): | Starting Water Level: | Total Depth (feet): | Water column (feet): | Screen Length (feet): | Sample Method: | Horiba Model S/N: | TIME | PURGED | |

| CANYON | | | | | | | | |
|------------|-------|----|---|-------|-------|-------|---|--|
| UNSHENE CA | 82-MW | NR | Ч | 17.64 | F1.10 | 53.46 | 1 | |
| Suns | | | | | | | | |

| San inch | anere los | 2/18/2020 | 61190 | 0934 | Time: 0944 | 21.24 | 1, | YES |
|----------|--------------|----------------|-------------------|------------------|--------------------------------|----------------------------|-------------------------|-------------------|
| | Project No.: | Sampling Date: | Purge start Time: | Purge Stop time: | Sampling (Well Recovery) Time: | Ending Water Level (feet): | Total Purged (gallons): | Duplicate Sample: |

| | ON | JRE O.R.P. mV | | -78 | 52- | bt - | | | |
|---|-----------------------|-----------------------|-------|-------|-------|-------|--|--|--|
| +2 +2.12 | YES | TEMPERATURE °C | 91.12 | tt.12 | 1212 | HE-12 | | | |
| feet): s): | | D.O. mg/L | 000 | 0.00 | 0.00 | 0.00 | | | |
| Ending Water Level (feet): Total Purged (gallons): | Duplicate Sample: | TURBIDITY NTU | 0.0 | 0.0 | 0.0 | 0.2 | | | |
| Ending Total Pt | Duplica | CONDUCTIVITY ms/cm | 3.22 | 3.22 | 3.23 | 2:13 | | | |
| 9 | Low Flow | Hd | 7.18 | 7.18 | 31.4 | P1, F | | | |
| 71.10 53,46 | Micro Purger Low Flow | WATER LEVEL | 19.61 | 20.37 | 10.81 | 42.12 | | | |
| | V | | | | | | | | |

| | ere (n) | DISCHAREE (1) | | لمحز االعد | त्र | SI | tes: 40 PSI | Purge Sampling Rates: |
|--------|--------------------|---------------|-----|-------------------------------------|------|-------|-------------|-----------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | x | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| bt - | HE-12 | 0.00 | 0.0 | 3.23 | 91,4 | 42.12 | 2 | 4240 |
| 5t- | 1212 | 0.00 | 0.0 | 3.23 | 31.4 | 10.81 | 13/4 | 0932 |
| - 78 | | 0.00 | 0.0 | 3.22 | 7.18 | W.37 | 1/2 | 0930 |
| 8t- | 92.12 | Coro | 0.0 | 3.22 | 7.18 | 19.62 | - | 5260 |
| D.H.P. | I EMPERALURE °C | D.O. mg/L | NTU | CONDUCTIVITY TURBIDITY ms/cm NTU | Hd | LEVEL | PURGED | |

| Unton |) |
|---------|---|
| UN | |
| nature: | |

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Renson NFCHURS Name:

Additional Info/Comments: Suny, cleer, mild leng, breezy

WITH SLANT OBOR Well condition: OK , WATER MY CLEAR Sign

GROUNDWATER MONITORING WELL INSPECTION REPORT

| Date: 2/18/222 | Poor: Yes: No: No: No: Yes: No: No: No: Store | Ves: No: No: | Damaged: Damaged: Damaged: Damaged: | Damaged: Damaged: No: | N A Missing: | 2/18/2010 Date |
|--------------------|--|--|--|--|--|----------------------|
| MW-28 | Fair: Fair: debris: debris: water around well: prover around well: Prover Around well: | iate: | Good: Menal Good: Cood: | Good: ZVC Good: Yes: | BiANDEL Damaged: Current (Hz): | Field Redh Title |
| Chuyser Well ID: | Good: lear of weeds and/or essions or standing to carey Sami | ad: Integrity: Good: Contraction Inadeque Presence of depressions or standing water around well: Remarks: ยืองระบง มหระ Letr Vozo บางอั | Duter Casing: Material: Condition of Protective Casing: Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Material: Condition of Riser: Condition of Riser Cap: Measurment reference point: Remarks: | Type: Good: Good: C | Signed |
| Facility: SUNSHEWE | Access: Accessibility: Vicinity of well c Presence of depr Remarks: Has | Concrete Pad: Integrity: G Presence of depression Remarks: ຂໍໃບຈະກັນປ | Protective Outer Casing: Condition of Protective Ca Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Well Riser: Condition of Riser Cap: Condition of Riser Cap: Measurment reference Remarks: | Dedicated Pump: Type Condition: Pumping Rate (gpm): Remarks: | Field Certification: |



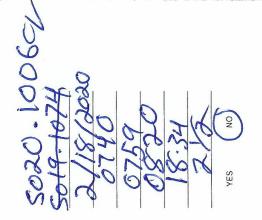
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GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

| er (inches): Level: .et): (feet): (feet): d: gALLONS PURGED | |
|---|------|
| Site Name: Well I.D.: Collected By: Casing Diameter (inches): Starting Water Level: Total Depth (feet): Water column (feet): Screen Length (feet): Sample Method: Horiba Model S/N: TIME GALLON | PHLA |



Project No.: Sampling Date: Purge start Time: Purge Stop time: Sampling (Well Recovery) Time: Ending Water Level (feet): Total Purged (gallons): Duplicate Sample:



| Sample Method: Horiba Model S/N: | :N | Micro Purge | Micro Purge Low Flow | | | |) |) |
|-------------------------------------|--------------|--------------------------------------|---|-----------------------|------------------|--------------|-------------------|--------------|
| TIME | GAL | WATER | Hd | CONDUCTIVITY ms/cm | TURBIDITY NTU | D.O. mg/L | TEMPERATURE °C | O.R.P. mV |
| PHG | | 56.9 -44.81 | 6.98 | 3-88 | ZS | 401 | 19.47 | 22 |
| 0752 | | 18.31 | 10.2 | 3.74 | 0.1 | 2.30 | | Jo Jo |
| 0756 | 6 | 18-34 | 7-04 | 3.71 | 0,0 | 52-1 | | - 99 |
| 0758 | Mit | 18-34 | 7.05 | 3.72 | 00 | 1-70 | 1956 | 101 |
| 0759 | 2/2 | HE-31 | 7.05 | | 0.0 | 1.65 | 1938 | -102 |
| | | | | 1 | | | | |
| | | | | | | | | |
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| r | | | | | | | | |
| | | | | | 5×. | | | |
| | | | | | | | (| حذ |
| Purge Sampling Rates: | Rates: | 20 PSi | N. C. | REFIN (3 | (0) | Disc | Harge (12 | |
| | | | | | > | 5 | | |
| Well condition: | 3000 | wher y | CLION | color un | rity an | o clor | | |
| Additional Info/C | Comments: SI | Additional Info/Comments: SUMY, COUL | THE! I JUT | 1947 Breeze | | | ų | |
| | | | | | 11. | | 1 | V |
| | | | | | 11 11 | | 1 11 1 | 11 |

Signature:

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A16124

Name: CN NISH91

| | GROUN | DWATER MO | NITORING WE | GROUNDWATER MONITORING WELL INSPECTION REPORT | REPORT |
|---|--|--|---|---|----------------|
| Facility: | SUNSHIP | SUNShipp Can VIII Well ID: M | MW-5 | Date: 2-18 | DE0E-81-E |
| Access: | Accessibility: Vicinity of well Presence of dep Remarks: | Accessibility: Good: V Vicinity of well clear of weeds and/or debris: Presence of depressions or standing water ar Remarks: $VS db ie^{-bo} b dc$ | Accessibility: Good: V Fair: Poor: Poor: Vicinity of well clear of weeds and/or debris: Yes: Presence of depressions or standing water around well: For the M row of the form | POOT: Ves: Well lofs of | No: Kyks From |
| Machiner Concrete Pad: A Integri Preser Remar | Machinert arown Well- ncrete Pad: Arth Goo Integrity: A Goo Presence of depressions Remarks: CONCreft | April a row N. M. M. Bood: Inadeq Integrity: A Good: Inadeq Integrity: A Good: Inadeq Presence of depressions or standing water around well: Remarks: CONCOME Pool is NOT V. | Acrit a row W Mell. ad: M.M. Good: Inadequate: Integrity: A Good: Inadequate: Presence of depressions or standing water around well: Remarks: CONCIENCE POR IS NOT VISIBLE | Ves: | .ov |
| Protective | Protective Outer Casing: Condition of Protective Ca Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Duter Casing: Material: Condition of Protective Casing: Condition of Locking Cap: Condition of Lock: Condition of Weepholes: Remarks: | Good: AP49 Good: A Good: C | Damaged: Damaged: Damaged: Damaged: | |
| Well Riser: | N Condition of Riser: Condition of Riser Cap: Measurment reference point: Remarks: | Material: er: er Cap: ference point: | Good: Good: Yes: | Damaged: Damaged: No: | |
| Dedicated Pump: Condi Pump Rema | Pump: Type: Condition: Goo Pumping Rate (gpm): Remarks: | Type: Good: _/ gpm): _////H | Bldder Damaged: Current (Hz): | :(H2): W/A | Missing: |
| Field Certification: | ication: | Ch Litt M | HITH FICK | Feb 2/1 | 8/2020 Date |