

February 14, 2019

TO: Members of the Facility & Plan Review Subcommittee  
Los Angeles County Solid Waste Management Committee/  
Integrated Waste Management Task Force

FROM: Saeid Shirzadegan, Staff

## **STAFF REPORT**

### **STATUS REPORT OF THE SUNSHINE CANYON CITY/COUNTY LANDFILL**

UltraSystems prepared the Fourth Quarter 2018 Independent Monitor Quarterly Site Monitoring Status Report (Status Report) dated January 9, 2019, for the Sunshine Canyon Landfill – Technical Advisory Committee (SCL-TAC), which is co-chaired by the City of Los Angeles Planning Department and County of Los Angeles Department of Regional Planning. Part XII of the Implementation and Monitoring Program, which is an attachment to the Conditional Use Permit No. 00-194-(5), and [Q] Condition A.7 from the City Zoning Ordinance No. 172933 allows the SCL-TAC to retain the services of a single independent consultant to monitor any and/or all of the Conditions and mitigation measures of each respective permits.

The Status Report provides a status of the Mitigation Measures Monitoring for the 4<sup>th</sup> Quarter of 2018.

### **EROSION & DUST CONTROL**

- In mid-December, the rains in late November and early December caused a significant amount of erosion on the County slopes adjacent to CC-4 Part 1 and Part 2, and Part 3 buttress.
- Throughout the 4th Quarter, there are numerous dirt access roads that were used daily, but infrequently. When used, blowing dust was a concern. The use of a soil sealant or limiting the use of dirt roads to those that are watered should be considered.
- Similarly, the use of water trucks was not effective in controlling dust on the main dirt haul road on the east side of C-3A. Dust clouds occurred in between water truck water applications. As the result, the use of recycled asphalt and soil binder should be considered for this area.

### **GRADING**

Grading Outside of the prior-approved landfill grading footprint:

- In late October, the toe berm for CC-4 Part 3 buttress was being constructed.
- In early November, the CC-4 Part 3 buttress was still under construction.
- In late November, the CC-4 Part 3 buttress had grading and soil placement underway.
- Throughout the 4th Quarter, the Cell CC-4 Part 3 buttress grading and construction was occurring

Grading Inside the prior-approved landfill grading footprint:

- The only other grading occurring in this quarter was for maintaining areas of Cell CC-4 Part 1 and Part 2, the removal of stockpiled soil for waste cover in Cell CC-3A and the buttress area, and grading of the CC-3A western slopes. These activities are inside the approved landfill footprint.

### **LANDFILL GAS COLLECTION**

- The quantity of landfill gas being recovered during the 4th Quarter has averaged 18,219 SCFM, with the gas-to-energy plant usage averaging 9440 SCFM.
- In the 4th Quarter, the sacrificial liner to the westside drainage channel near the County sage mitigation area was being excavated and replaced. A gas collection horizontal collection system

was also being installed under this new liner to reduce and prevent any gas migration to any perimeter probes.

- Throughout the 4th Quarter, the use of Posi-Shell and Closure Turf to seal inactive fill areas with intermediate cover provided enhanced gas recovery and gas-related odor control.

### **DRAINAGE**

- The rains in late November and early December had minimal impacts on Basins B and D. Basin A had the outlet blocked and filled to near capacity. The water was being pumped into a truck and used for onsite dust control and buttress compaction. The terminal basin had approximately five feet of sediment against the south end of the gabion wall.
- In the 4th Quarter, the high-flow spillway for Basin D into the westside drainage had cracks and spalling that should be repaired. The Basin B high-flow outlet spillway was cracked in multiple places.

### **ODOR/AIR QUALITY**

- The independent consultant did not detect any landfill related odors in the Granada Hill Community during this monitoring period.
- In late October, there were slight localized odors coming from the well CLHC 5 area. There were distinct burnt smell odors coming from a multiple-completion well number 3013-D on the CC-3A top deck.
- In early November, there was a strong localized odor on the CC-3A top deck near well 3013D. There were faint gas odors coming from the well south of Basin B.
- In late November, there was a strong gas and/or liquids odor on the CC-3A top deck near well 3013. Wells along the top of the slope from CC-3A to deck CC-3B had gas odors around the well heads. There were faint localized odors south of Basin B near wells CTC-703 and LC-5.

### **CELL CONSTRUCTION/WORKING FACE**

- In late October, Cell CC-4 Part 1 was accepting waste, while Part 2 was idle.
- In early November, Cell CC-4 Part 1/ Part 2 was accepting waste.

### **GRAFFITI**

- During the fourth Quarter of 2018, no graffiti was observed.

### **BIOLOGICAL/PALEONTOLOGICAL/ARCHAEOLOGICAL SURVEY AND CULTURAL RESOURCES**

- Throughout the 4th Quarter of 2018, a paleontologist was monitoring grading activities in and adjacent to Cell CC-4 Part 3 construction when grading in native, undisturbed areas.

### **OIL WELLS/OIL FIELD GATE**

- The two old oil well steel casings in the area north of the landfill offices were located in the Cell CC-4 Part 3 buttress grading area. These wells have been uncovered and marked with orange paint. These wells will need to be re-abandoned after grading has been completed.
- None of the “old abandoned oil well casings adjacent to the new secondary access road from the Flare 11 site” were leaking oil or gas, nor pose a current hazard.

### **CONCLUSION**

UltraSystems' Report concluded that “[a]s shown by the Non-Compliant and Further Review Needed sections above, the landfill is actively working toward being fully compliant with conditions and/or mitigation measures, with no non-compliant conditions observed, as Republic was in the engineering, planning, or implementation phases of each”.