

## REGULATORY UPDATE CALL MAY 1, 2023 AGENDA

### INTEGRATED SOLID WASTE MANAGEMENT FACILITY - BRISTOL, VA

#### Summary of Actions Taken Since the Last Call

- SCS Personnel completed regular well and pump maintenance Week of 4/17/23
  - 588 wellfield readings – first time readings for 80, 84, 86, 90
  - Samples taken at EW-37, 54, 61, 84, 86, 90
  - Wellhead replacement at EW-48
  - Pump replacement at EW-49, 53, 59
  - EW-93, 94, 95, 98, 99, 100 connected to vacuum
- SCS Personnel completed regular well and pump maintenance Week of 4/24/23
  - 588 Wellfield readings - Initial wellhead reading taken at EW-60, 70, 73, 76, 78
  - Samples taken at EW-37, 84, 86, 90, 100
  - Wellheads and kanaflex replaced at EW-41, 47, 54, 57
  - EW-52 & 68 regulator and airline replaced
  - Pump pulled at EW-59, placed well skirt around 59 and replaced pump
  - 4 pumps sent back to Pumpone for repair and rebuild
- Sidewall Odor Mitigation System:
  - Completed upper collector and soil up to the last 300ft of the northern section
  - Continued shotcrete placement
- Phase 1 LFG System Construction
  - 18 CPVC wells connected to vacuum
  - 820-ft of 12-in header installed
  - First shipment of stainless steel pipe delivered 4/27/23
- Annual Groundwater Monitoring Report Submitted 4/28/23
- SWP 588 Stormwater Management Plan Submitted 4/28/23

#### Landfill Data Updates

- SEM Weekly Monitoring completed 4/20/23, 5 exceedances
  - One serpentine route exceedance (point 21)
  - 4 pipe penetration exceedances (EW-38, 84, 90, 94)
  - Exceedances from 4/13 in compliance
- SEM Weekly Monitoring Completed 4/27/23, 4 exceedances
  - One serpentine route exceedances, southwest wall near liner
  - 3 pipe penetration exceedances (EW-89, 95, 100)
- Updated temperature probe readings for 4/19/23 & 4/25/23
- SOMS well readings for 4/18/23 & 4/24/23
- Results for samples taken 4/12/23
  - EW-37 – 150 ppm CO; 2.36% H2
  - EW-52 – 330 ppm CO; 12.5% H2
  - EW-54 – 817 ppm CO; 23.1% H2
  - EW-57 – 947 ppm CO; 10.7% H2
  - EW-67 - 1080 ppm CO; 24.6% H2



- Results for samples taken 4/19/23
  - EW-37 – 165 ppm CO; 2.41% H2
  - EW-61 – 571 ppm CO; 14.9% H2
  - EW-84 – 1150 ppm CO; 25.6% H2
  - EW-86 - 463 ppm CO; 10.8% H2
  - EW-90 – 713 ppm CO; 14.2% H2
- April Odor Complaints Update

### **Proposed Actions**

- Phase 1 LFG System Construction
  - Begin Drilling stainless steel wells – Week of 5/1/23
  - Second Stainless steel pipe shipment week of 5/8/23
  - 8-in header down the sidewall - Week of 5/22/23
- Sidewall Odor Mitigation System
  - Shotcrete placement to be completed in installed areas by 5/5/23
  - Working with Chesapeake Containment to install SOMS system around new poly tank
- 5/3/23 LFG liquid sampling
- Drone flight 5/8/23
- Flare and 498 & 588 Flow Meter Remote Monitoring Installation – 6/10/23

### **Operational Issues or Concerns**

### **Upcoming Regulatory Reporting**

- Revised SWP 498 Corrective Action Monitoring plan 5/2/23
- Revised SWP 498 GPS Monitoring – 5/2/23
- SWP 588 Revised Groundwater Monitoring Plan 5/2/23
- SWP 588 Revised Underdrain Monitoring Plan 5/3/23
- April Compliance Report – 5/10/23