

## Bristol Landfill Facility Update

2:00 PM 2-1-22

**Attendees: DEQ:** Crystal Bazyk, Jeff Hurst, Dan Scott, Stacy Bowers, John Surber, "Tracey"  
Susan Blalock **City of Bristol:** Randy Eads, Michael Maine, Sam Hess, Zack Mitchell,  
**Draper Aden Associates:** Ernie Hoch, Wendy Karably, Don Marickovich, Mike Lawless,  
Carrie Blankenship **EPA:** Erin Willard

---

### Weekly Review of Actions

#### 1. City Landfill / Draper:

##### a. Monitor / Track / Record

- i. SE Chimney and other locations if discovered
- ii. Gas well temperatures
- iii. Daily plant gas flows, 700-780 range, 832 yesterday afternoon
- iv. Monitor gas probes 498
- v. Leachate and Gradient volumes
- vi. BVU monitoring

##### b. Cover

- i. Continue to apply additional cover, raised wells last week
- ii. Posi Shell is operational and planning for additional usage

##### c. Work Force

- i. Additional employee search ongoing

##### d. Gas Collection System

1. SCS tuning well field and addressing O & M
  - a. CO Samples taken
2. Adding pressure and temp gauges
3. 14 gas well pumps are operational, approximately 330,000 gallons removed to date

##### e. Wet Well

- i. Underwood Company
  1. All three pumps are operational
  2. Replacing 30 HP pump this week
  3. Completing the repairs and replace valves and plumbing
- ii. Planning for RFP for controls updates
- iii. Planning for additional wet well exploration and cleaning

##### f. Clean and TV cleanouts, North and South end

- i. North end complete last week
- ii. South end planned for next week on the 8<sup>th</sup>

##### g. Well sediments removal

- i. Scheduled to begin February 14th

##### h. Additional Monitoring Wells

- i. One well at scale to 275'
- ii. Additional wells at leachate tank added to plan, drilling continues this week

## **Bristol Landfill Facility Update**

**2:00 PM 2-1-22**

**Attendees: DEQ:** Crystal Bazyk, Jeff Hurst, Dan Scott, Stacy Bowers, John Surber, "Tracey" Susan Blalock **City of Bristol:** Randy Eads, Michael Maine, Sam Hess, Zack Mitchell, **Draper Aden Associates:** Ernie Hoch, Wendy Karably, Don Marickovich, Mike Lawless, Carrie Blankenship **EPA:** Erin Willard

---

- i. Capture chimneys gas**
  - i. Close off landfill gas leaks
    - 1. West Chimney
      - a. Solar Flare has been installed
      - b. Evaluating next steps, cover, additional ports
    - 2. Other Chimneys to be determined after west chimney is operational
- j. Expanded Gas Collection System: Design, RFP Development, Contract Award, Construction**
  - i. Additional Wells
  - ii. Expanded collection system
  - iii. Expanded Leachate removal
  - iv. Expanded air system
  - v. Separate flare for reaction gas planning
- k. BVU**
  - i. Biweekly monitoring
  - ii. Benzene removal design planning is on going
- l. Liner mobilization**
  - i. Planning ongoing
  - ii. RFP to be posted
  - iii. Contract / Build
- m. Flare**
  - i. Ingenco upgrades, substantially complete
    - 1. Next step new blower
- n. Odor Remediation**
  - i. Pilot program is being evaluated
- o. Odor Management Plan**
  - i. February fence line 24 hour to be conducted
  - ii. Record and respond to citizen complaints.
- p. Other Projects**
  - i. Site tour and meeting at the landfill Friday February 18<sup>th</sup> at 10 AM

## Well CO Sampling

1. 1/13/22 – sampled wells 46, 47, 54, and 64 for CO.
  - a. 46 and 47 have approved HOVs, but sampling was requested
  - b. Samples were inadvertently shipped by Fedex as a ground package, and we have not located them yet. Fedex has not located the lost package from 1/13.
2. 1/19/22 – collected CO samples on 54 and 64.
  - a. Expect lab results received 1-28-22.
    - i. EW-54 – 112 ppmv
    - ii. EW-64 – 137 ppmv
3. 1/26/22 – collected CO samples from 31R, 61, 64, and 67.
  - a. Also resampled 46 and 47 since the 1/13 samples were apparently lost.
  - b. 54 was not sampled since the temperature dropped below 145 on 1/19.
4. 1/31/22 - This week we plan to sample 31R, 61, 64, and 67.
  - a. Others may be added depending on monitoring results early this week (or dropped if the temperature is  $\leq 145$  when they are monitored this week).