

## Bristol Landfill Facility Update

2:00 PM 1-24-22

**Attendees: DEQ:** Crystal Bazyk, Jeff Hurst, Dan Scott, Stacy Bowers, John Surber, "Tracey" Susan Blalock **City of Bristol:** Randy Eads, Sam Hess **Draper Aden Associates:** Ernie Hoch, Wendy Karably, Don Marickovich, **EPA:** Erin Willard, **Guest:** Craig H. Benson, PhD, PE, DGE, BCEE, NAE

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### 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 have occasionally exceeded 800
- iv. Monitor gas probes 498
- v. Leachate and Gradient volumes
- vi. BVU monitoring

##### b. Cover

- i. Continue to apply additional cover, raised wells and improved cover in south
- 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 last week and week prior, waiting on results
2. Adding pressure and temp gauges
3. SCS added and is operational for additional pumping for gas well leachate removal. All pumps (14) running

##### e. Wet Well

- i. Underwood Company
  1. All three pumps are operational
  2. Removing 30 HP pump this week
  3. Repair 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. On site today Planning on cleaning and TV 20 lines

##### g. Well sediments removal

- i. Possibly next week however more likely in 2 to 3 weeks

##### h. Additional Monitoring Wells

- i. 2 new pairs of wells to be drilled began last week and continues

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**i. Capture chimneys gas**

i. Close off landfill gas leaks

1. West Chimney

a. Installation of pipe system to draw vacuum to solar flare is complete

b. Electrical connection to the blower, completed

c. Solar Flare, to be installed this week

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. January fence line 24 hour

ii. Record and respond to citizen complaints.

**p. Other Projects**

i. Dr. Benson to provide his observations from his initial review of the landfill and site visit last week.