

Bristol Landfill Facility Update

2:00 PM 2-22-22

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, 700-800 range
- iv. Monitor gas probes 498
- v. Leachate and Gradient volumes
- vi. BVU monitoring

b. Cover

- i. Continue to apply additional cover
- 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 ongoing
 - i. Well checks 2-9-22 EPA ALT-145
 - ii. 31R, 37, 64, 67 no carbon monoxide detects
 - iii. 52 129 PPMV
 - iv. 46 no carbon monoxide detects
 - v. 47 1210 PPMV (down from 1-26-22 sample of 2010)
 - vi. EPA 3C

Well	Test	Methane	Carbon dioxide	Oxygen	Nitrogen	Hydrogen	Carbon monoxide
46	EPA 3C	ND	0.54%	18.10%	64.90%	0.50%	ND
47	EPA 3C	0.88%	37.20%	8.02%	32.40%	13.10%	0.12%

- b. Raising wells this week

e. Wet Well

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

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f. North and South End Cleanouts

- i. Next Steps (SCS Task)
 - 1. Repairs and Maintenance
 - 2. Added capacity to South End larger line

g. Additional Monitoring Wells (5 wells)

- i. Drilling complete
- ii. First samples this week or next

h. Capture chimneys gas

- i. Close off landfill gas leaks
 - 1. West Chimney
 - a. Solar Flare has been installed
 - b. Working on supplementary gas supply
 - c. Evaluating next steps, cover, additional ports, liner mobilization
 - d. Plastic Fusion to make a site visit next week to look at chimney and next liner mobilization
 - 2. Other Chimneys to be determined after west chimney is operational

i. Expanded Gas Collection System: Design, RFP Development, Contract Award, Construction

- i. On site last week planning

j. BVU

- i. Biweekly monitoring
- ii. Benzene removal design planning is on going

k. Liner mobilization

- i. Planning ongoing
- ii. RFP to be posted
- iii. Contract / Build

l. Flare

- i. Ingenco upgrades, substantially complete
 - 1. Next step new blower

m. Odor Remediation

- i. Pilot program is being evaluated

n. Odor Management Plan

- i. February fence line 24 hour was taken last weekend
- ii. Record and respond to citizen complaints.

o. Other Projects

- i.