Agenda
Bristol Landfill Facility Update

Attendees: **DEQ:** Jeff Hurst, Crystal Bazyk, Dan Manweiler, Dan Scott, Stacy Bowers, John Surber, **City of Bristol:** Randy Eads, Wallace McCulloch, Sam Hess, **Draper Aden Associates:** Mike Lawless, Ernie Hoch, Carrie Blankenship, Don Marickovich, Lynn Klappich, Anthony Tomlin

I. **Opening – Introductions** - Ernie Hoch

II. **Overview of actions taken and ongoing** - Ernie Hoch

**Bristol Facility Actions**

- Ensure that the active gas system is working properly
  - Complete gas system repairs
  - Consider new gas well placement
- Additional cover
- Gradient and Leachate analysis
- Sidewall chimney analysis
- Odor monitoring
- Remediation
III. Detailed Actions

1. Review 2020 Air reports - Draper
2. Gas system improvements - SCS
   a. Continue monitoring system (monthly and re-checks)
      i. Tuning and repairs as needed
   b. Complete planned system upgrades including leachate and condensate removal.
   c. Complete the connection of the north end clean outs to the gas system.
      i. Manifold on 10 lines.
   d. Analyze gas well field and recommend decommissioning wells and adding additional wells.
   e. Recommend system improvements.
   f. Investigate 221 gas lines.
3. Additional Cover - Landfill
4. Odor Management Plan - Landfill/Draper
5. Odor Complaint Response Plan - Landfill/Draper
   a. Air sampling
   b. March 24-hour sampling completed and sent to DEQ.
      i. April 24-hour sampling scheduled.
      ii. May 24-hour sampling scheduled.
   c. Respond to and investigate complaints.
6. Monitoring Facebook and Smell My City App - **Draper**
   a. Mapping complaints with weather and location data.

7. Leachate, Witness and Gradient Testing - **Landfill/Draper**
   a. Develop a multi-media sampling plan.
      i. Air, (Summa grab samples), Water, Temperature
      ii. Wet Well
      iii. Manhole to gravity
      iv. North and South end cleanouts
      v. Community testing as needed.
      vi. Remediation Considerations
      vii. Assessment of corrective actions possibly including Potassium / Sodium permanganate.

8. Wet well review of systems - **Landfill/Draper**

9. Investigate southeast chimney and other possible locations. - **Landfill/Draper**
   a. Monitor Air Samples Daily
   b. Summa grab sample pending
   c. Hydrogen Testing

10. Flare System Checks - **Landfill/Draper**
    a. Stack test 1st Wednesday every month
    b. SSM Reports

11. Complete Facility review - **Landfill/Draper**
    b. Wet Well / TV Well

12. Groundwater, Stormwater, Gas Probe, and Surface Monitoring - **Landfill/Draper**

**IV. Discussion / Questions**