Weekly Review of Actions

1. Landfill:
   a. Daily monitor the SE Chimney and other locations if discovered with GEM and Hydrogen meter.
      i. Additional samples to be taken this week
   b. Confirm leachate flows from 498 landfill
   c. TV the wet well on Tuesday May 18th
      i. Reviewing Video today
   d. Work with SCS to complete gas repairs and North End Clean out
   e. Continue to apply additional cover.
   f. City interviewed four candidates last week for an Environmental and Safety Compliance Officer. Offer to go out this week to candidate
   g. Respond to citizen complaints.
      i. Odor Management Plan
      ii. Odor Complaint Response Plan
      iii. Monitor and respond to the City web page

2. Draper: This Week
   a. Steps to consider if the landfill has a SSF or a SSR
      i. Ensure that the active gas system is working properly
      ii. Monitoring flow rates to Ingenco
         1. Landfill gas flow showing increases with peak of up to 400 CFM although not holding at those levels yet.
         2. Obtained data on flows
      iii. Connect the north end cleanout
      iv. Recommend and install additional gas wells, working on plan
         1. Working with the city on scheduling drillers
      v. Ensure landfill has maximum intermediate and daily cover
      vi. Daily monitoring, GEM, Hydrogen, Temperature
         1. Chimney’s
         2. Surface monitoring, as needed
         3. Air Grab Samples TO-15, as needed
Bristol Landfill Facility Update

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

vii. Additional Tests for:
   1. Thermal scanning
   2. EPA Method 3C  **Completed** and sent to DEQ
      Determination of carbon dioxide, methane, nitrogen, and oxygen from stationary sources using a Thermal Conductivity Detector
   3. Meetings (Draper and SCS) to consider what other tests are needed
      a. Volatile Organic Acids EAS-03
      b. Aldehydes and ketones TO-11A
      c. Ammonia Sample in

viii. Geoprobe
ix. Add Gas Wells
   1. Working on timing (scheduling of a driller)
   2. Planning for the first week of July to have drillers on site

b. Met DEQ on site last Tuesday with Dan Scott, Stacey Bowers and John

c. Results of Leachate and Gradient, water (ammonia) are in and being reviewed

d. Wet Well: Identify needs with the City.
   i. Reviewing Video today
   ii. Next Steps

e. Working on a plan to clean and TV north and south end cleanouts
   i. Looking for vendors

f. Odor Management Plan, Pending DEQ acceptance

g. Odor Complaint Response Plan, Pending DEQ acceptance
   i. Monthly 24-hour sample for May was taken last week
   ii. Add Odor Complaint Response Plan as appendix to Odor Management Plan

h. Monitoring Facebook and Smell My City App
   i. Mapping complaints with weather and location data

i. Had meeting with BVU
   i. Will have bi-weekly meetings to consider next steps
   ii. Looking at benzine signatures
   iii. Redamation options.

j. Verifying Leachate and Gradient flow volumes
   i. Still working on verifying 498 leachate flows

k. Groundwater and stormwater monitoring event completed last week

l. Will be on site and working with SCS on gas field repairs and maintenance
   i. Met with SCS on site and SCS is working on a plan
   1. Identifying new gas well installation plan
3. SCS:

Week of 5-31-21
   i. ARI air release valve was installed between road crossing and the leachate sump at the high point in the leachate force main.
   ii. Move tank to landfill floor with an additional pump (third pump)
   iii. Work with the City to connect the north end clean out.
   iv. Complete other system repairs identified
   v. Tune well field
   vi. Recommend placement of new wells / horizontal collectors.
       1. Optimum amount
       2. Minimum amount
       3. Survival plan in coordination with landfill filling plan

b. Week of 6-7-21:
   i. Wrap up any additional repairs
   ii. Trouble shoot the south end clean out and landfill 221 system for flow and possible air infiltration.
       1. We may have determined problem