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. Air samples from flow testing. Gradient & Leachate was done last Friday
      i. Six samples sent to the lab
   c. Camera the wet well is scheduled for May 18th
   d. Continue to apply additional cover.
   e. Respond to citizen complaints.
      i. Odor Management Plan
      ii. Odor Complaint Response Plan
      iii. Added City Web Page scheduled to go live this week

2. Draper:
   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.
      iii. Connect the north end cleanout
      iv. Improved connection with the south end cleanout
      v. Recommend and install additional gas wells, working on plan
      vi. Ensure landfill has maximum intermediate and daily cover
      vii. Daily monitoring, GEM, Hydrogen, Temperature
         1. Chimney’s
         2. Surface monitoring, as needed
         3. Air Grab Samples TO-15, as needed
   viii. Additional Tests for:
      1. Thermal scanning
      2. EPA Method 3C (Sample taken last week)
         Determination of carbon dioxide, methane, nitrogen, and oxygen from stationary sources using a Thermal Conductivity Detector
3. Volatile Organic Acids EAS-03 (To be taken this week)
4. Aldehydes and ketones TO-11A (To be taken this week)
5. Ammonia (To be taken this week)
   ix. Geoprobe
   x. Add Gas Wells
b. Waiting results of Leachate and Gradient, water (ammonia), air grab sample
c. Wet Well: Identify needs with the City.
   i. Working to set up advanced camera imaging. (May 18th)
   ii. Verify operations of all systems
d. Wastewater System Odor Sampling
   i. Completed waiting on results
e. Odor Management Plan, Pending DEQ acceptance
f. Odor Complaint Response Plan, Pending DEQ acceptance
   i. Waiting on the results of monthly 24-hour sample for April
   ii. Add Odor Complaint Response Plan as appendix to Odor Management Plan
g. Review 2020 Air reports
h. Monitoring Facebook and Smell My City App
   i. Mapping complaints with weather and location data
   i. Review BVU NOV
   i. Completed response, working with them on next steps
j. Verifying Leachate and Gradient flow volumes
k. Working with SCS on gas field repairs and maintenance
   i. Identifying new gas well installation plan

3. SCS:
   a. Last week’s report:
      i. Progress was made this week out at Bristol but still additional work needed.
      ii. Dug up road crossing checked for bellies. Cover 12” HDPE sleeve with residual stone
         left adjacent to leachate sump for additional protection.
      iii. Confirmed the need for additional pump and tank
      iv. Worked on the North end cleanout
         1. Waiting for parts
      v. Improved connections of the southern cleanouts. Retune southern cleanouts to
         vacuum change.
      vi. Well field analysis
Bristol Landfill Facility Update

2:00 PM 05-10-21

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

b. Week of 5-17-21
   i. Install ARI air release valve between road crossing and the leachate sump at the high point in the leachate force main. (waiting on parts)
   ii. Add another tank at landfill floor with an additional pump (third pump), (waiting on parts)
   iii. Work with the City to connect the north end clean out (waiting on parts)
   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

c. Week of 5-24-21:
   i. Wrap up any additional repairs
   ii. Trouble shoot the south end clean out and landfill 221 system for flow and possible air infiltration.