Attachment B

Bridgeton

Minimum Information Expected in an LMP

Introduction

1. Shall detail the current on-site conditions briefly describing the systems in place such as the leachate collection system piping and retrieval network, existing 90k tank, frac tanks, new 300k tank, components of cap plan, existing wells and sumps, condensate drains, curtain drains, anything producing leachate or other liquid to be managed (all systems shall be explained in more detail later in your report). It shall detail the approximate leachate production rates by the landfill and identify when the leachate (or liquid) is removed from the system. Although this data can vary depending on situations, please specify amounts of both leachate and condensate from the various components of the leachate collection system (LCS).

2. Please include current issues dealing with disposal and leachate constituents related to disposal of leachate to both MSD and other POTWs and hazardous waste TSDs. The estimated maximum treatment capacity on site per day and the disposal capacity of the facility and explain how they all contribute to the drawdown plan for the landfill liquid level.

3. Estimate the leachate production as soon as all work is completed and when the sub-surface oxidation event is under control.

Leachate Collection Systems

4. Detail current removal systems between leachate collection sumps, GIWs, the force main, gas extraction wells with pumps, curtain drains and condensate drains.

5. Detail basic sump replacement/repairs as often as they happen.

6. Please identify if condensate is handled and treated differently than leachate collected from the LCS. If so, address how it is handled.

7. Please address how the new cap will affect the LCS. Include an estimate on the amount of condensate to be collected from beneath the proposed cap. Identify if this will increase the leachate volume beyond the capacity of the proposed tank/haul system. If so, address how the leachate will be handled.

8. For the breakdown of the following components, please detail information on types of treatment processing (aeration, filtration, agitation, etc.) and how volatiles, solids, etc. are removed within the system, how aeration exhaust is handled, methods used to treat (batch or continuous), how leachate is transferred to and from each specific tanks, approximate lengths of time to treat, fill up, load out each tank system, and how filtration media is disposed of.

Existing Tank

9. Identify how the existing tank will be used. If future disposal to MSD occurs, will this still be the location of the only direct discharge line? Will this tank be used as treatment or storage? Will leachate be pumped to this tank from proposed tank, from frac tanks, from leachate collection system or a combination of those systems?

317k Tank

10. A detailed operations and piping plan still needs to be submitted in order to approve the operation of this tank (currently under construction). It shall include the intake sources of the leachate (the tank is shown as connected to a single force main but there are three different inlets), identify the constituents being treated, the method, procedure and time for treatment, identify any necessary testing to verify adequate treatment, identify where the treated liquid is disposed, and the amount of time it takes to load out a treated tank. Explain where the aeration system is and what it does, including special considerations for changing filters, maintenance issues, etc. Identify the different pumps that need to be installed and maintained.

Frac Tank Section

11. Explain the uses and diagram the connections of the Aeration Tank Battery system, Buffer Tanks Farm and the Temporary Storage Tank Farm.

12. Estimate when the frac tanks will be removed. Identify conditions that necessitate the installation of additional frac tanks. Will the aggregate sub-base be left in place when tanks are removed?

13. Explain the different purposes of the frac tanks: recirculation, specific storage for hazardous leachate and separate storage for treated leachate (awaiting shipment), and specific treatments.

14. Detail a piping plan on how the leachate is transferred between individual tanks and from the LCS and the large on-site tanks, (pumps running to the top, all at the bottom, etc.).

Disposal

15. Should detail how the leachate is and will be disposed of (i.e., to MSD, hauled to a POTW as non-hazardous waste, hauled to a hazardous waste treatment facility when classified as a hazardous waste), provide details of the constituents used for classification as a hazardous or a nonhazardous waste as well as the frequency of testing and locations of tests. Provide a narrative on the different treatments needed prior to disposal. Please include flow charts from the April 17, 2013, submittal.

Future

16. Please explain in detail how the liquid depth in the landfill will be managed until a permanent solution is arranged, either discharging back to MSD or to an on-site pretreatment plant or by continued hauling.

Other Leachate Issues

17. Due to the rising leachate elevation within the waste mass, please include contingency plans for how leachate outbreaks will be handled before capping and how they will be handled with the cap covering the landfill.

18. Please include updated maps for both below and above cap of all existing (and proposed) leachate related components: force mains, pumps (i.e., LCS, new wells such as GIWs, tanks, condensate, chimneys, sumps, liquid pumps from gas wells, etc.)