

Hillsborough Southeast Meeting Notes:

Date: 08/01/2019

Attendees: Kelley Boatwright, Melissa Madden, Justin Chamberlain, Kate Newsome, Mike Townsel, Jeff Greenwell, Ed Watson, Kollan Spradlin, Kim Byer, Dave Atteberry

- Meeting Begins. Madden leads meeting. Introductions. Meeting being held in response to inspection report. Discussions begin with TH-71A issues re: TDS and Chloride. The Department is currently in the "wait and see" mode following corrective actions made several years back, need a status update based on increasing trends
- Mr. Greenwell stated that in 2015-2016, changes had been made to the Stormwater system.
- Mr. Chamberlain asked when that occurred.
- Mr. Townsel stated that it occurred in August 2016 after an issued letter from Mr. John Morris.
- Mr. Townsel stated that sedimentation had impacted the well. He stated that the county would like to move the well to the Northern - South Eastern area of the landfill.
- Mr. Greenwell stated that they would like to move the well out of the stormwater catch basin.
- Mr. Townsel stated that they would like to abandon TH-71A and install a new well.
- Mr. Ciaravella stated that it would require a modification to the permit but that the issues from the stormwater impacts would still need to be noted.
- Mr. Townsel stated that exceedances in Ammonia have not been noted and states that the exceedances in TDS and Chlorides are believed to be attributed to the increase in surface water impacts rather than leachate or the landfill.
- Ms. Madden inquired about whether there was a way to raise that well.
- Mr. Townsel stated that it is sitting up on the berm not down in the pond, so ponding around the well is not concern, it is percolation from above swale.
- Mr. Chamberlain asked Mr. Ciaravella whether moving the well and continuing to sample TH-71A would be appropriate.
- Mr. Ciaravella stated that that would be okay, but it would not erase the issues generated by the Stormwater basin well (TH-71A).
- Mr. Townsel stated that the county believes the impacts would be eliminated from the road if the well is moved.
- Ms. Madden confirmed that monitoring TH-71A would continue but adding an additional well may be an option.
- Mr. Greenwell stated that seasonality appears to occur coming off of seasonal lows and not the other way around. He stated that the highest numbers are generated during the rainier months, supporting the idea of run-off.
- Mr. Spradlin stated that the berm may need to be regraded to allow proper flow to Sed C.
- Mr. Greenwell stated that the compost project may have also contributed to the exceedances.
- Ms. Madden asked when the project was going to be discontinued/moved.
- Ms. Byer stated it should be completed by December/January of this year.
- Ms. Byer stated that the berm would be regraded this summer.
- Mr. Spradlin estimated it should be able to be completed within the next month.
- Ms. Madden asked Mr. Ciaravella whether they should request the modifications to him.
- Mr. Greenwell inquired regarding whether it would be a minor modification.
- Mr. Ciaravella confirmed.
- Ms. Madden requested for the facility to keep an eye on the sinkhole well, TH-72 as there is no specific matching CW @ ZOD.

- Mr. Townsel stated that there are two downgradient (78 and 76) wells to monitor the area (outside ZOD). Mr. Townsel stated that 78 is on Semi-Annual. 76 is listed as inactive in the permit but is still there but would need to be checked to determine if it was abandoned.
- Mr. Townsel would like to add 83 to the permit and sample on a semiannual requirement. They would like to discontinue Consent Agreement Quarterly Sampling for 80, 81 and 82 wells and transfer to semiannual reporting.
- Ms. Madden stated that she felt the seasonality still exists in the detection wells and does not know if the Department feels comfortable changing the sampling timeline for the detection wells including 79 (needs to stay quarterly).
- Mr. Chamberlain stated that until we see the higher conductivity fall outside of the lined area, he agrees and would like to maintain quarterly sampling.
- Mr. Greenwell inquired about combining quarterly sampling into the semiannual reporting timeline.
- Ms. Madden stated that we could be flexible in combining the quarterly sampling into the semi-annual reporting timeline and she feels comfortable allowing evaluation of the quarterly analytical report to be wrapped into semiannual submissions, but data should still be submitted quarterly with contour map.
- Mr. Spradlin stated that the yellow areas listed on the conductivity maps may be tied to natural phosphatic areas located in the Landfill limits.
- Mr. Watson asked Mr. Chamberlain when he would feel comfortable with the site condition.
- Ms. Madden stated that they cannot provide a clear answer at this time but would like to continue to monitor the site for a longer period of time and can't make a decision until the CAP plan is completed and approved.
- Mr. Spradlin stated that the magenta line would be the limits of phosphatic clay and could be tied to conductivity impacts in the impacted area.
- Ms. Madden stated that they would require more data on that approach.
- Ms. Madden stated that because these measures are spelled out in the consent agreement, a modification to the consent agreement may be required.
- Ms. Madden stated that we will check with OGC and find out the next steps required.
- Mr. Watson asked whether they will wait to hear back from Ms. Madden whether OGC determines if another mechanism can be determined or if a modification of the consent agreement can be determined.
- Ms. Madden stated that the regrade can be incorporated into an inspection response letter.
- Mr. Townsel asked whether they should continue to sample all wells until OGC provides an answer.
- Mr. Chamberlain confirmed.
- Ms. Madden inquired about whether additional testing had been completed outside of the limits for conductivity?
- Mr. Spradlin stated no.
- Mr. Spradlin stated that the next geophysics testing will be completed on August 7, 2019 (next week).
- Ms. Madden asked whether the county had any additional questions or concerns.
- No additional response noted.
- Ms. Madden concluded the meeting.