

**GUDE LANDFILL REMEDIATION
GLCC/DEP MEETING NO. 44
DATE: JUNE 15, 2017
TIME: 7:00 PM to 9:00 PM
LOCATION: MONTGOMERY COUNTY TRANSFER STATION**

ATTENDANCE

Name	Organization	Designation
Donald Birnesser	Dept. of Environmental Protection (DEP), DSWS	Section Chief
Rao Malladi	Dept. of Environmental Protection (DEP), DSWS	Senior Engineer
Dave Peterson	Gude Landfill Concerned Citizens (GLCC)	Member
George Wolohojian	Gude Landfill Concerned Citizens (GLCC)	Member
Nick Radonic	Gude Landfill Concerned Citizens (GLCC)	Member
Steve Lezinski	Barton & Loguidice, D.P.C.	Senior Project Manager

WELCOME AND OPENING REMARKS

- 1) Rao Malladi opened the meeting at 7:05 PM by welcoming and thanking the participants for attending. This Meeting's Agenda will be an Attachment to the meeting minutes.

GLCC/DEP MEETING MINUTES (MEETING NO. 43)

- 2) The Draft GLCC/DEP Meeting No. 43 Minutes were reviewed and accepted by GLCC via email on 6/8/17. The final Meeting Minutes will be posted to the remediation website.

GLCC LAND REUSE MEMORANDUM

- 3) Mr. Malladi continued the meeting with a brief discussion regarding the December 2016 Land Use Memorandum from the GLCC. Mr. Malladi indicated that the GLCC Memo was received by DEP, but due to staffing transitions and changes within DSWS, the document had inadvertently not yet been forwarded to the County Executive (CE) and the County Council (CC). Mr. Malladi indicated that DEP restarted this process earlier this week to transmit the GLCC Memo to the CE and the CC.

GLCC members appreciated the open and honest feedback from DEP and that GLCC previously provided a copy to the County Council. George Wolohojian then indicated that GLCC is primarily concerned with how the items outlined in their document end up being considered and/or incorporated into the design and construction of the remediation project.

REMEDICATION PROJECT PRESENTATION

- 4) Mr. Malladi reviewed Slides 1-7 and Donald Birnesser reviewed Slides 8-18 of the Presentation. Presentation will be an Attachment to the meeting minutes.

- 5) Dave Peterson inquired if there was a mechanism for MDE to provide information to the County regarding the selection of the bidders and their performance on projects. Mr. Lezinski stated that typically, information regarding the bidders' performance would come out during the bidding and evaluation process. Mr. Birnesser indicated that MDE could be contacted to verify information that was submitted by the bidders.
- 6) GLCC members continued with a series of questions regarding the Presentation.
- GLCC Question – How many contractors typically will bid on this type of project? Mr. Birnesser indicated that 5-10 consultants/contractors may respond to the solicitations for the various contracts of the remediation project. There may also be teams of consultants/contractors that submit together.
 - GLCC Question – In the field of business, do the firms that may respond have experience in working with community groups? Mr. Birnesser indicated that the Design RFP will be requesting companies who have experience working with community groups.
 - GLCC Question – Regarding Slide 11 (Potential Land Uses under Consideration) is there a reason that the County is not listed on the table under Passive Recreational and Non-Industrial uses? Mr. Lezinski and Mr. Birnesser stated that the County's goal is to meet the environmental compliance requirements of the Assessment and Corrective Measures (ACM) requirements to satisfy the Consent Order. In addition, the County will also be looking at the potential mixed uses for the entire site following the remediation project.
 - GLCC Question – How will the GLCC be updated of the consultant's / contractor's progress as the project moves forward? Mr. Birnesser stated that a summary of the on-going project activities would be provided to the GLCC during the GLCC/DEP meetings. Mr. Birnesser mentioned that every couple of months, the County may invite the consultants/contractors to come to the GLCC/DEP meetings to provide progress updates in person.

LANDFILL GAS-TO-ENERGY FACILITY AND PERIMETER MONITORING

- 7) Mr. Malladi indicated that the Landfill Gas-to-Energy (LFGE) Facility was shut down as of 6/1/17. Mr. Peterson asked if the Landfill would produce enough gas in the future to make it economical to operate the LFGE Facility again. Mr. Birnesser responded that there would probably be a temporary increase in landfill gas collection following the capping construction. As the capping system would prevent moisture from infiltrating into the landfill, gas production should decrease over time. The County has been and will continue to maintain the Enclosed Flares, which will be the primary landfill gas control equipment as well as the gas collection system. With respect to the electrical interconnect for the LFGE Facility, Mr. Birnesser noted that the County may evaluate a solar project to utilize the existing interconnect in the future.
- 8) Mr. Malladi indicated that Perimeter Monitoring Probes, #W-3 and #W-5 exhibited landfill gas exceedances during the last DEP weekly monitoring. Mr. Malladi noted was on-site with the DEP Contractor whom adjusted the collection system settings (e.g., vacuum) for the extraction wells in the vicinity of these Monitoring Probes. GLCC asked if gas generation or migration is less than it was 10-years ago. Mr. Malladi responded that the amount of gas being generated is less, but since the landfill is not yet capped, moisture can potentially infiltrate (into the waste mass) to potentially facilitate gas generation. Once the Landfill is capped, moisture infiltration and gas migration should decrease and the remaining gas will be burned off at the Flares.

WEATHER STATION INSTALLATION

- 9) Mr. Malladi mentioned that a weather station will be installed at the Landfill site in June/July 2017 to gather data during the design phase of the remediation project and it will be connected to the remediation website for viewing. The weather station will be located outside of the proposed construction area for the remediation project. The Construction Contractor will be responsible for monitoring the weather station closely to track weather conditions.
- Mr. Radonic indicated that if the County can provide a weblink to the weather station once it is installed, he could post the weblink on the GLCC and/or the Home Owners Association's (HOA) website.
 - Mr. Peterson also mentioned that the HOA's snow removal contractor provides certified snow totals to a local weather company from their subdivision and that information could potentially be made available to the County.
 - Mr. Birnesser mentioned that the County could potentially schedule the weather station contractor to attend a GLCC/DEP meeting to further discuss the equipment and data capturing capabilities. GLCC members indicated they are open to this offer by the County.

ACTION ITEM UPDATE

- 10) Action Item from GLCC/DEP Meeting No. 43 – Mr. Malladi will set up an internal meeting with Mr. Birnesser and Bill Broglie to discuss the groundwater exceedances at the Gude Landfill and what can be done to prepare for repeat problem areas (i.e. OBO3).
- Mr. Malladi set up a conference call to discuss this matter. Based on the MDE approved Consent Order and the Assessment of Corrective Measures, the capping system and landfill gas improvements is the proactive and recommended regulatory approach for remediation at the Landfill. The County will also continue the operation and maintenance as well as monitoring activities at the site.
 - Mr. Wolohojian asked what sampling activities will be put in place after the capping project. Mr. Lezinski indicated that existing sampling/monitoring activities will continue as they currently do in accordance with MDE regulatory requirements, whether on a quarterly, semi-annual or annual basis.
 - Mr. Birnesser indicated that monitoring at the Landfill site will continue for a 30-year period following the remediation project. Mr. Malladi added that this period is also referred to as Post-Closure Care.
 - As follow-up, Mr. Lezinski mentioned the Nature and Extent Study and the discussions of this report between GLCC and DEP. Past discussions indicated that certain compounds found in the groundwater at the Landfill site may breakdown into other compounds as part of the natural biodegradation process (in the subsurface), and thus, certain compounds may increase or decrease in concentration over time. Mr. Lezinski noted these factors are important to keep in mind as site sampling and monitoring continue after the remediation project.

NEXT MONTHLY MEETING

- 11) The next meeting date is scheduled for July 20, 2017 at 7:00 PM at the Transfer Station.

The above summation is the writer's interpretation of the items discussed at the meeting. Comments involving differences in understanding of any of the meeting items will be received for a period of thirty (30) days from the date of these meeting minutes. Clarifications will be made, as deemed necessary. If no comments are received within the specified time period, the minutes will remain as written.