

GUDE LANDFILL REMEDIATION

GLCC/DEP MEETING NO. 19

DATE: October 13, 2011
TIME: 7:30 PM to 9:00 PM
LOCATION: Montgomery County Transfer Station

ATTENDANCE:

<u>Name</u>	<u>Organization</u>	<u>Designation</u>
Laszlo Harsanyi	Gude Landfill Concerned Citizens (GLCC)	Member
Rick Radonic	Gude Landfill Concerned Citizens (GLCC)	Member
George Wolohojian	Gude Landfill Concerned Citizens (GLCC)	Member
Peter Karasik	Montgomery County Dept. of Env. Protection (DEP)	Section Chief
Steve Lezinski	Montgomery County Dept. of Env. Protection (DEP)	Engineer III
John Kumm	EA Engineering, Science, and Technology, Inc	DEP Consultant

The Meeting Agenda is included as Attachment 1.
Contact information for attendees is included as Attachment 2.
Chronology of Closed Action and Follow-up Items is included as Attachment 3.

MINUTES:

- 1) Steve Lezinski of DEP requested approval of the minutes from GLCC/DEP Meeting No. 18. GLCC approved the minutes.
- 2) Steve Lezinski provided a status update concerning the Nature and Extent Study (NES) Amendment No. 1, indicating that the completion deadline was November 21, 2011. He stated that the field work had been delayed for approximately one (1) month due to problems in obtaining property access approval from WSSC and weather related delays. Steve summarized the scope of the field activities, including the installation of three (3) new permanent groundwater monitoring wells in the Derwood Station Community, installation of ten (10) temporary groundwater monitoring points, and fifteen (15) stream gauge locations.
- 3) John Kumm of EA provided a summary of the preliminary findings of recent fieldwork, including data from groundwater sampling in April 2011 (By the County) and in September 2011 (By EA). John stated that no maximum contaminant level (MCL) exceedences were found in the new permanent monitoring wells in the Derwood Station Community, and that there were a few MCL exceedences at the temporary groundwater monitoring points that were consistent with historical data.

John also stated that, as agreed with MDE, groundwater samples were field filtered to reduce the potential impacts of turbidity on metals concentration. The results supported the concern that previously high metals concentrations were probably associated with subsurface sediment

- and not Landfill related. The filtered samples showed lower metals concentrations, which are more representative of existing conditions of groundwater as it moves through the subsurface.
- 4) Steve Lezinski stated that the proposed exchange of land with Maryland-National Capital Park and Planning Commission (M-NCPPC) was approved at the October 13, 2011 Planning Board meeting. The next step is the anticipated approval by the Inter-County Planning Board in November 2011.
 - 5) Steve Lezinski reviewed the Community Communication Plan, stating that a summary of the final results of the Nature and Extent Study Amendment No. 1 will be provided for a quarterly newsletter or fact sheet after submission to MDE on November 21, 2011.
 - 6) Steve Lezinski reviewed current activities at the landfill. DEP is currently preparing the semi-annual groundwater and surface water monitoring report to MDE for the September 2011 sampling event. Sampling results are consistent with historical data. Landfill gas monitoring continues and the quarterly gas monitoring report to MDE from September 2011 is being finalized. No exceedances were observed. Site maintenance work, including selective removal of trees and access road improvements, were completed in August.
 - 7) Steve Lezinski stated that DEP is continuing to make improvements and updates to the remediation project web page.
 - 8) Steve Lezinski stated that only three (3) action items remain open from the eighteen (18) previous GLCC/DEP meetings held to date. These items are related to end use options for the landfill site and cannot be addressed until the Assessment of Corrective Measures (ACM) has been completed.
 - 9) Steve Lezinski stated that after the NES Amendment No. 1 is submitted to and approved by MDE, DEP will have approximately 60 days to develop an ACM work plan for MDE review and approval (prior to initiating the ACM). DEP expects to have approximately 240 days to complete the ACM following MDE approval of the work plan.
 - 10) George Wolohojian (new member of GLCC) asked about the process of evaluating remediation alternatives. John Kumm provided a brief explanation of the ACM process and provided reference to the Remediation Feasibility Memorandum, which is included on the remediation webpage.
 - 11) Laszlo Harsanyi of GLCC asked about the research investigation of the landfill by University of Maryland graduate students. Peter Karasik of DEP stated that their report has been submitted, that it did not provide any new perspectives, and that he would distribute it to GLCC.
 - 12) The next regularly scheduled GLCC/DEP meeting would be on November 10th. It is not certain that this meeting will be held. The next meeting may be a larger meeting with the Community to explain the results of the NES Amendment No. 1 work after it is submitted to MDE.

Recently Closed Action and Follow-up Items

There were no items to report.

Open Action and Follow-up Items

- 16-2 DEP and EA will further evaluate end use options and present these to GLCC in a future monthly meeting.
Status: Open.
- 17-1 DEP will contact senior County representatives and stakeholders regarding their attendance at a future GLCC/DEP monthly meeting to discuss the County's decision making process for Landfill site reuse, potential County site reuse options and the integration and consideration of the Community's reuse options.
Status: Open.
- 18-1 Once the Landfill land reuse discussion is documented and agreed upon in a decision memo with the County Executive and/or other stakeholders, DEP will share the final findings of the agreed upon process with GLCC.
Status: Open

New Action and Follow-up Items

There were no items to report.

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.

ATTACHMENT 1



**Gude Landfill Remediation
Gude Landfill Concerned Citizens
Monthly Meeting No. 19**

Meeting Agenda

1. GLCC/DEP Meeting Minutes (Meeting No. 18)

- a. GLCC commented on 8/29/11. DEP finalized 9/8/11. Request GLCC approval.

2. Nature and Extent Study (NES) – Amendment No.1 Status Update

- a. NES Amend. No.1 completion deadline of 11/21/11.
- b. Field Work Schedule:
 - Delayed roughly a month (WSSC access approvals and weather events).
- c. Field Work Activities:
 - EA installed and surveyed:
 - ❖ Three (3) permanent groundwater monitoring wells (MW-14A/14B, MW-15) in Derwood Station Community.
 - ❖ Ten (10) temporary groundwater monitoring location (TGW-1 thru TGW-10).
 - ❖ Fifteen (15) stream gauge locations (SG-1 thru SG-15).
- d. Field Work Preliminary Findings:
 - No significant changes to the ground water contours and flow directions (just refinements).
 - Stream gauging results demonstrate relationship between groundwater elevations and adjacent surface water elevations.
 - Analytical Data (Constituents of Concern) – preliminary evaluation indicates consistency with historical data.
 - ❖ No MCL exceedences or detections in MW-14A/14B or MW-15 in the Community.
 - ❖ A few MCL exceedences in TGW locations, but consistent with historical data.
 - ❖ Field filtering results indicate that total metals exceedences were due to high turbidity of the samples (i.e., sediment mixed with groundwater). Analysis of filtered samples gives the dissolved metals concentrations (lower concentrations), which are more representative of true conditions in the groundwater.

3. Exchange of Land with M-NCPPC

- a. M-NCPPC Planning Board Meeting on 10/13/11.
- b. M-NCPPC Staff recommended approval of the exchange of land.
- c. M-NCPPC Planning Board unanimously approved the exchange of land.
- d. Next Step: Inter-County M-NCPPC Planning Board Meeting in November for approval.

4. Community Communication Plan and Milestone Status Update

- a. NES Amend. No. 1 completion deadline of 11/21/11.

**Gude Landfill Remediation
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Meeting Agenda

- b. Gude Landfill – Quarterly Newsletter. Will provide in November/December following submission of NES Amend. No.1 to MDE.

5. Current Gude Landfill Operations

- a. Monitoring
 - Groundwater & Surface water
 - ❖ Semi-Annual sampling completed 9/6/11 - 9/20/11.
 - ❖ Results are similar to historical and NES data.
 - ❖ Report to MDE currently being finalized.
 - Landfill Gas
 - ❖ Weekly monitoring continues.
 - ❖ Quarterly monitoring completed 9/16/11. No exceedences.
 - ❖ Report to MDE currently being finalized.
- b. Post-Closure Care
 - Site Maintenance – Selective tree removal and access road improvements completed in August 2011.
- c. Landfill and Remediation Webpage(s)
 - DEP is working towards a comprehensive update to the webpage(s).

6. Next Meeting/Action Items

- a. Open Action Items
 - 16-2 DEP and EA will further evaluate end use options and present these to GLCC in a future monthly meeting.
 - 17-1 DEP will contact senior County representatives and stakeholders regarding their attendance at a future GLCC/DEP monthly meeting to discuss the County's decision making process for Landfill site reuse, potential County site reuse options and the integration and consideration of the Community's reuse options.
 - 18-1 Once the Landfill land reuse discussion is documented and agreed upon in a decision memo with the County Executive and/or other stakeholders, DEP will share the final findings of the agreed upon process with GLCC.
- b. New Actions Items from Meeting

ATTACHMENT 2



Date	October 13, 2011	Meeting No. 19
Time	7:30 -9:00 PM	
Meeting	Gude Landfill Remediation: GLCC/DEP	

Name	Initial if Present	Affiliation	Phone	Email	Address
Stephen Lezinski	STL	DEP	240-777-6590	Steve.Lezinski@montgomerycountymd.gov	16101 Frederick Road Derwood, MD 20855
Peter Karasik	PKK	DEP	240-777-6569	Peter.Karasik@montgomerycountymd.gov	16101 Frederick Road Derwood, MD 20855
John Kumm	JKK	EA Eng.	410-329-5141	JKumm@eaest.com	15 Loveton Circle Sparks, MD 21152
Dave Peterson		GLCC/DS1 HOA	301-921-6357	Kmndhp@hotmail.com	7612 Anamosa Way Derwood, MD 20855
Keith Ligon		GLCC	301-340-3358	KLigonfamily@verizon.net	15501 Moravia Court Derwood, MD 20855
Julia Tillery		GLCC	202-329-8740	Julia@tillervoffice.com	15461 Indianola Drive Derwood, MD 20855
Laszlo Harsanyi	LA	GLCC/DS2 HOA	301-840-3822	LaszloH@comcast.net	7228 Titonka Way Derwood, MD 20855
Nick Radonic	NR	GLCC/DSS HOA	301-294-9124	BigRad@gmail.com	15408 Indianola Drive Derwood, MD 20855
George Wolohojien	GW	GLCC/DSS HOA	301 238 7148	gwolohojien@aol.com	15448 Indianola Dr. Derwood MD 20855
Other Meeting Attendees					

ATTACHMENT 3



Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 19

- 5-01 DEP and EA to research the existence of a comprehensive database for closed landfill reuse options.
Status: Closed. EA provided a list of landfill reuse resources, which was attached to the minutes for Meeting No. 7.
- 5-02 GLCC to schedule next Derwood Community Meeting; second quarter 2010.
Status: Closed. GLCC noted that the Community will continue to be welcome at the monthly meetings, and these will be included in the DEP letter to the HOAs and the residents. Therefore, GLCC does not plan to schedule another community meeting at this time.
- 5-03 DEP to contact MDE regarding the spring and northwest slope surface water sampling, and leachate seep repairs on northwest slope.
Status: Closed. DEP and MDE met on December 21, 2009 and discussed these issues. The outcome was summarized in Attachment No. 4 of the Meeting No. 7 minutes.
- 5-04 DEP to post the recent aerial survey of the Gude Landfill on the remediation project website.
Status: Closed. The image has been posted on the website.
- 5-05 DEP to evaluate if Biochemical and Chemical Oxygen Demand (BOD/COD) can be included for analysis purposes in surface water samples.
Status: Closed. After further discussion, GLCC agreed that BOD sampling would not be conducted, since it would be difficult to discern whether the results were affected by the landfill. DEP agreed to collect samples for COD analysis. The objectives and plan for COD sampling was and agreed to between DEP and GLCC.
- 5-06 DEP to reschedule the dioxin/furan testing of the Gude Landfill gas-to-energy engine.
Status: Closed. The testing was conducted in early March 2010 but the results have not yet been reported.
- 5-07 EA to provide a list of the chemical analytes that were detected in the Gude Landfill groundwater/surface water sampling that are carcinogens.
Status: Closed. EA provided a summary of risk and carcinogenic effects for chemical analytes, which is included as Attachment No. 6 to the Meeting No. 7 minutes.
- 6-01 DEP and EA to create a list of open agenda items (i.e., action and follow-up items).
Status: Closed. This list is included in the meeting minutes and will be carried into subsequent minutes.
- 6-02 DEP and EA to finalize more precise locations of the new monitoring wells. Follow-up work with permitting agencies, utility locators, and adjoining property owners will be conducted.
Status: Closed. Additional location information finalized.

Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 19

- 6-03 GLCC/DEP/EA to finalize an approach to communicate all aspects of the expanded monitoring well program to the Derwood Community.
Status: Closed. Initial letters to be sent to the HOAs, with follow-up letters to residents in the immediate area of proposed intrusive activities.
- 7-01 DEP to complete interim measures for leachate redirection at seep locations.
Status: Closed. Completed May/June 2010.
- 7-02 DEP to finalize and send letter to HOAs regarding the landfill remediation project and proposed groundwater monitoring well locations within the Community.
Status: Closed. DEP prepared the Community notification letter dated 2-26-10 for distribution to the residents via the HOA presidents.
- 7-03 DEP to obtain dioxin/furan test results for flare and engine.
Status: Closed. Results provided to GLCC June 2010.
- 8-01 EA will provide DEP with a full version of the Draft Study Plan as a PDF for posting on the website and an abbreviated PDF version for distribution to GLCC members.
Status: Closed. Received by County on August 6, 2010. County to post on remediation webpage.
- 8-02 GLCC will distribute the DEP Community Letter in a special edition of each of the three HOA newsletters, both by e-mail and standard mail, by the end of March.
Status: Closed.
- 9-01 DEP and EA will provide a list of milestones and dates to include as a schedule update with minutes from each meeting.
Status: Closed.
- 9-02 DEP and EA will identify special instructions for residents and the driller to be used during the actual well drilling for inclusion in the individual resident notification letters.
Status: Closed. Completed June 2010.
- 10-1 EA will prepare a Maryland Toxic Air Pollutant regulation compliance demonstration for dioxin/furan emissions from the flares and engines at Oaks and Gude.
Status: Closed. DEP will post on the Remediation webpage.
- 10-2 GLCC will meet independently on June 20, 2010 to discuss the process of early integration of end use objectives into the corrective action planning process and will propose a pathway and procedure to DEP at the July 8, 2010 DEP/GLCC meeting.
Status: Closed. During Meeting No. 11, GLCC provided the County guidance on preferred end uses from the Community for the Gude Landfill site.

Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 19

- 11-1 GLCC requested Bob Hoyt, Director of DEP to attend the next GLCC/DEP monthly meeting on September 15, 2010 to discuss the Request for Expression of Interest (REOI).
Status: Closed.
- 11-2 GLCC inquired if the County had investigated the potential for a Brownfields Grant for the Remediation/Land Reuse project.
Status: Closed. Grant funding options were presented to GLCC on 4/14/11.
- 12-1 Using the risk evaluation methodology, EA will back calculate contaminant concentrations that would represent a human risk concern for vapor intrusion from groundwater into indoor air.
Status: Closed. The calculation was made by EA and included in the analysis and provided to GLCC.
- 13-1 EA will revise the last two sentences in paragraph 5) of the minutes for Meeting No. 12 to clarify the concept.
Status: Closed. Changes are reflected in Meeting No. 12 Minutes.
- 13-2 EA will prepare and submit to DEP for review a summary of the project status including background, status, and the remaining activities to complete the project. The HOA Presidents will distribute this summary to Derwood Station residents.
Status: Closed. The Nature and Extent Study Fact Sheet was e-mailed to GLCC/HOA Presidents by Steve Lezinski on 12/23/10 for distribution to the Derwood Station Residential Community.
- 13-3 EA will research the applicability of 40 CFR Part 258 Subpart E and report back to DEP and GLCC.
Status: Closed. A response was provided via e-mail by Steve Lezinski to GLCC on 11/3/10 – the regulation is not applicable to Gude Landfill.
- 14-1 DEP will address conformance of the current monitoring program to the 2001 County Groundwater Protection Plan.
Status: Closed. It was determined that the Ground Water Protection Strategy is not an active program within DEP.
- 14-2 DEP will contact the County Attorney and the County Real Estate Office concerning potential property value impacts and seller's obligations.
Status: Closed. The Office of the County Attorney cannot provide legal advice to members of the Community. If members of the Community desire advice on property value impacts and seller's obligations, they would have to obtain this legal advice from their own legal counsel.
- 15-1 DEP and EA will establish a list of key project milestones for inclusion in the Project Communications Plan.
Status: Closed. As part of the Project Communications Plan, an updated project schedule and key project milestones were presented to GLCC on 4/14/11.

Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 19

- 15-2 DEP and EA will determine the current regulation for setbacks at new landfills and report this information to GLCC.
Status: Closed. Applicable setback requirements were determined and presented to GLCC on 4/14/11.
- 15-3 DEP will submit the proposed action plan for further investigation and analysis to satisfy MDE's concerns about the Nature and Extent Study to MDE by March 18, 2011.
Status: Closed. The work plan of Amendment No. 1 to the Nature and Extent Study was submitted to and accepted by MDE in March 2011.
- 16-1 DEP and EA will evaluate the potential corrective measure of excavation and relocation of waste in greater detail, and present this to GLCC at a future monthly meeting.
Status: Closed. DEP and EA presented the potential corrective measure of waste excavation and reclamation during the GLCC/DEP Meeting No. 17.
- 17-2 DEP will add a timeline/milestone review section to future meeting agendas.
Status: Closed. DEP added this item as a standard topic for future agendas.
- 17-3 DEP will create a quarterly newsletter to orient the larger Community and other adjacent property stakeholders on the Landfill. The newsletter will contain an update on the Nature and Extent Study activities that have occurred in the past three months. The newsletter will be provided to GLCC to include in an upcoming HOA newsletter.
Status: Closed. DEP provided the Quarterly Newsletter to GLCC and the Derwood Station HOA's on June 30, 2011.