

GUDE LANDFILL REMEDIATION

GLCC/DEP MEETING NO. 25

DATE: August 23, 2012
TIME: 7:30 PM to 9:00 PM
LOCATION: Montgomery County Transfer Station

ATTENDANCE:

<u>Name</u>	<u>Organization</u>	<u>Designation</u>
Keith Ligon	Gude Landfill Concerned Citizens (GLCC)	Member
Dave Peterson	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
Jamie Foster	Montgomery County Dept. of Env. Protection (DEP)	Engineer I
Mark Gutberlet	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.
Other Attachments are referenced within the text.

MINUTES:

- 1) Steve Lezinski of DEP introduced Jamie Foster. Jamie is the new engineer with DEP who will assist with landfill projects, including the Gude Landfill.
- 2) Steve Lezinski requested acceptance of the minutes from GLCC/DEP Meeting No. 24. GLCC accepted the minutes.
- 3) Steve Lezinski discussed tree replacement in Derwood Station with GLCC. Keith Ligon of GLCC stated that he spoke with Brett Linkletter of the County Department of General Services (DGS) about the tree replacement. Brett stated his Department did not have sufficient budget to replace all of the trees this year. Peter Karasik of DEP offered to discuss the project with Brett and determine if the Division of Solid Waste Services could help fund a portion the project.
- 4) Steve Lezinski stated that logistics for the next community meeting are set and include:
 - a) Date: September 18, 2012.
 - b) Time: 7:00pm to 8:30pm.
 - c) Location: Montgomery County Service Park (MCSP) Building, 16641 Crabbs Branch Way, Rockville, MD 20855.

- 5) DEP and GLCC discussed the Public Notice for the meeting and agreed to the following:
 - a) DEP will prepare the meeting notice and the HOAs will distribute.
 - b) The HOAs will distribute the notice by e-mail as PDFs and door-to-door as paper flyers.
 - c) DEP will prepare two signs that are weather-resistant and can be stuck in the ground to notify residents of the meeting. HOAs will place the signs at Crabbs Branch Way and Indianola Drive and at Crabbs Branch Way and Monona Drive.

- 6) Steve Lezinski stated that DEP prepared a draft presentation for discussion, review and comment. Steve offered to provide the slides as a handout to meeting attendees. After discussion between DEP and GLCC, it was agreed that the handout should only include the following information:
 - a) Presentation Outline.
 - b) County Contacts.
 - c) Remediation Webpage address.

- 7) Mark Gutberlet of EA presented the draft slides. The presentation was interactive and GLCC, DEP and EA participated in an open discussion regarding the presentation content. The following comments were made and will be addressed in the final presentation:
 - a. General:
 - i. DEP will present slides 1 through 7 and EA will present the remainder of the slides.
 - ii. add page numbers to the slides.
 - iii. move Slide 16 after Slide 24.
 - b. Slide 8:
 - i. When presenting, highlight “does not extend into the Derwood Station Community” and “no MCL exceedances.”
 - ii. Bullet format for the major findings of the NES.
 - c. Slide 9: Add that waste placement occurred in the late 1970s.
 - d. Slide 12:
 - i. Change text from “one (1) seasonal variation” to “a one-time seasonal variation.”
 - ii. Add that there were no MCL exceedances during the last sampling event in Derwood Station.
 - iii. Add a bullet regarding no health risks to pets.
 - iv. Describe what a hydraulic barrier is and why it is relevant.
 - e. Slide 13:
 - i. When presenting, state that new monitoring wells were installed west of the landfill to characterize and define the extent of groundwater contamination beyond the landfill boundary.
 - ii. State that MDE requested additional monitoring wells to be installed further west of the Landfill boundary as part of NES Amendment No. 1 to further define the outer most limit of contamination.
 - iii. Add groundwater flow contours to the Figure.

- f. Slides 17-24: Change header from “Next Steps” to “Potential Corrective Measures.”
 - g. Slide 20: Present the PCE degradation process instead of graph.
 - h. Slide 26: Present the re-use options from 2010 community survey performed by HOAs. This is included as Attachment 4 to the Meeting Minutes.
- 8) Steve Lezinski provided an update on remediation-related site activities:
- a) EA and its surveyor are preparing final documents for the land exchange with M-NCPPC.
 - b) DEP is awaiting further MDE comments on the Consent Order.
 - c) DEP issued the notice-to-proceed to EA for the ACM work.
 - d) DEP’s Remediation Website continues to be updated.
- 9) Steve Lezinski stated that post-closure care activities continue at the Landfill as needed. Steve stated the Landfill was used for storm debris management from the severe storm (derecho) in June 2012 and that work is complete. Keith Ligon stated that he received no complaints from Derwood Station residents regarding the storm debris management operation at the Landfill.

Recently Closed Action and Follow-up Items

- 20-5 DEP to coordinate with GLCC to organize a larger community meeting to present the accepted findings of the NES and introduce the ACM process. This will be initiated after MDE approval of the NES Amendment No.1 Report. GLCC/DEP will review dates for the larger community meeting. DEP will confirm dates with appropriate staff and consultants. GLCC/DEP will develop the agenda for the larger community meeting. GLCC suggested the following major topics: 1) review of the overall purpose and process for the project, 2) a status update on recent activities, 3) explain the next steps, and 4) discuss landfill re-use options. GLCC will secure meeting space. Potential meeting date for September 11th, 12th, 13th, or 18th will be confirmed. Meeting on September 18 at Candlewood Elementary School has been tentatively decided. The date or location could be changed based on Montgomery County Public School calendar and Candlewood Elementary School availability.
Status: Closed. Community meeting has been scheduled (Sept. 18) and the draft presentation was reviewed with GLCC.

Open Action and Follow-up Items

These items will be addressed further during the ACM/Reuse evaluation process.

- 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

- 25-1 DEP will revise the community presentation based on the feedback and discussion at GLCC/DEP Meeting No. 25.
- 25-2 DEP will prepare the public notice for the community meeting and send it to GLCC for distribution to the community.
- 25-3 GLCC will distribute the public notice provided by DEP via e-mail and door-to-door through existing HOA communication networks.
- 25-4 DEP will prepare and provide two signs announcing the community meeting to be placed along the streets at the two entrances to Derwood 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.

**Gude Landfill Remediation
Gude Landfill Concerned Citizens
Monthly Meeting No. 25**

Meeting Agenda

1. Meeting Sign-In Sheet

- a. Please sign-in.

2. GLCC/DEP Meeting Minutes (Meeting No. 24)

- a. DEP to request review and acceptance.

3. Tree Replacement in Derwood Station

- a. July 16, 2012 email correspondence from Brett Linkletter & Peter Karasik.
- b. Call County Customer Service at 240-777-0311 or 311.

4. Community Meeting for NES Amendment No.1 and ACM Introduction

- a. Confirmed Logistics:
 - Date – September 18, 2012.
 - Time – 7:00 PM – 8:30 PM.
 - Location – Montgomery County Service Park (MCSP) Building located on 16641 Crabbs Branch Way, Rockville MD 20855.
 - Organizer – Montgomery County Department of Environmental Protection, Division of Solid Waste Services.
 - Sponsor – Maryland-National Capital Park and Planning Commission (Park Development).
 - Public Notice – Responsibility of County DEP/DSWS.
 - Topics – Refer to Draft community presentation.

5. Other Remediation Activity Updates

- a. Land Exchange with M-NCPPC – EA and Surveyor preparing final survey documents.
- b. Consent Order – DEP awaiting MDE comments.
- c. Consultant Proposal for ACM Report – Finalized. EA was issued the notice to proceed.
- d. Landfill Remediation Webpage – DEP Webpage Manager was on extended leave for a month. Website update continues into late August and September.

6. Current Gude Landfill Operations

- a. Standard post-closure care activities as needed.

7. Action/Follow-up Items and Next Meeting

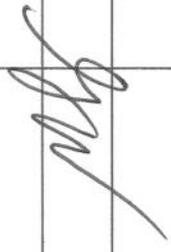
- a. Open Action Items
 - 16-2, 17-1 and 18-1. For review during ACM and Land Reuse process.

**Gude Landfill Remediation
Gude Landfill Concerned Citizens
Monthly Meeting No. 25**

Meeting Agenda

- b. Action Items to Close
 - 20-5. DEP and GLCC to confirm potential date and define content for larger community meeting (September 2012). The community meeting is scheduled and content defined.
- c. Summarize New Action Items from Meeting
- d. Next Meeting date
 - Community meeting – September 18, 2012.

Date	August 23, 2012	Meeting No. 25
Time	7:30 -9:00 PM	
Meeting	Gude Landfill Remediation: GLCC/DEP	

Name	Initial if Present	Affiliation	Phone	Email	Address
Stephen Lezinski	SLR	DEP	240-777-6590	Steve.Lezinski@montgomerycountymd.gov	16101 Frederick Road Derwood, MD 20855
Peter Karasik	PRK	DEP	240-777-6569	Peter.Karasik@montgomerycountymd.gov	16101 Frederick Road Derwood, MD 20855
Jamie Foster 1	JOF	DEP	240-777-6564	jamie.foster@montgomerycountymd.gov	16102 Frederick Road Derwood, MD 20855
Mark Gutberlet	M/G	EA Eng.	410-329-5135	mgutberlet@east.com	15 Loveton Circle Sparks, MD 21152
Dave Peterson	DP	GLCC/DS1 HOA	301-921-6357	Kmpdhp@hotmail.com	7612 Anamosa Way Derwood, MD 20855
Keith Ligon	KL	GLCC	301-340-3358	KLigonfamily@verizon.net	15501 Moravia Court Derwood, MD 20855
Julia Tillery		GLCC	202-329-8740	Julia@tilleryoffice.com	15461 Indianola Drive Derwood, MD 20855
Laszlo Harsanyi		GLCC/DS2 HOA	301-840-3822	LaszloH@comcast.net	7228 Titonka Way Derwood, MD 20855
Nick Radonic		GLCC/DSS HOA	301-294-9124	Bie.Rad@gmail.com	15408 Indianola Drive Derwood, MD 20855
George Wolohojian		GLCC/DSS HOA	301-738-7148	gwolohojian@aol.com	15448 Indianola Drive Derwood, MD 20855
Other Meeting Attendees					

Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 25

- 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. 25

- 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. 25

- 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

Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 25

schedule and key project milestones were presented to GLCC on 4/14/11.

- 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.
- 20-1 DEP and EA will provide a map that combines analytes with MCL exceedences and their individual inferred extent of contamination. DEP stated this could be accomplished after MDE approval of the NES Amendment No.1 Report.
Status: Closed. DEP and EA presented the information at GLCC/DEP Meeting No. 21.
- 20-2 DEP and EA will prepare a written explanation of the chemical degradation of TCE and PCE.
Status: Closed. DEP and EA presented the information at GLCC/DEP Meeting No. 21.
- 20-3 DEP will prepare a Fact Sheet for the NES Amendment No. 1 after MDE approval of the Report.
Status: Closed. DEP provided the draft fact sheet for review and will prepare the final version by the end of May. DEP provided the fact sheet to GLCC via email on May 31, 2012 for inclusion in the June 2012 Derwood Community Newsletter.
- 20-4 DEP will prepare a Fact Sheet to summarize the ACM process after MDE approval of the NES Amendment No.1 Report.
Status: Closed. DEP provided the draft fact sheet for review and will prepare the final

Chronology of Closed Action and Follow-up Items
as of
GLCC/DEP Meeting No. 25

version by the end of May. DEP provided the fact sheet to GLCC via email on May 31, 2012 for inclusion in the June 2012 Derwood Community Newsletter.

- 20-5 DEP to coordinate with GLCC to organize a larger community meeting to present the accepted findings of the NES and introduce the ACM process. This will be initiated after MDE approval of the NES Amendment No.1 Report. GLCC/DEP will review dates for the larger community meeting. DEP will confirm dates with appropriate staff and consultants. GLCC/DEP will develop the agenda for the larger community meeting. GLCC suggested the following major topics: 1) review of the overall purpose and process for the project, 2) a status update on recent activities, 3) explain the next steps, and 4) discuss landfill re-use options. GLCC will secure meeting space. Potential meeting date for September 11th, 12th, 13th, or 18th will be confirmed. Meeting on September 18 at Candlewood Elementary School has been tentatively decided. The date or location could be changed based on Montgomery County Public School calendar and Candlewood Elementary School availability.
Status: Closed. Community meeting has been scheduled and the draft presentation was reviewed with GLCC.
- 22-1 DEP to provide electronic copy of fact sheets via e-mail so GLCC can comment in those documents.
Status: Closed. DEP e-mailed Microsoft Word versions of the fact sheets to GLCC via email prior to finalization on May 31, 2012.
- 22-2 DEP to develop workshops starting with the next GLCC meeting (MNA and bioremediation topics suggested). Part 1 of the workshop was presented at GLCC/DEP Meeting No. 23. Part 2 of the workshop was presented at GLCC/DEP Meeting No. 24.
Status: Closed. Workshops were presented.

Gude Landfill Future Use

General

The hill should be terraced with retaining walls and landscaped appropriately. Walking paths off the hill should provide access to hikers and neighbors. The major public entrance should be a gate on Gude Drive. Roads should have an easily renewable surface that can be graded/compacted. Parking areas should be located near activity centers. To compensate for the lack of shade, pavilions and water features should be emphasized in the design.

Running/walking trails

A cinder path of two closed loops – ¼ mile and ½ mile –should have a common start area. The smaller loop should be generally flat, and the larger should include hills. A spur should exit the hill and connect to the Rock Creek Hiker Biker Trail. Start area should have a pavilion and drinking fountain for people and dogs. The shorter loop should include fitness stations along its course.

Cross country bike course

A dirt path of hills and turns and bumps that is approximately half mile long should be a closed loop course. Start area should have a bike rack, water fountain and pavilion.

Community garden plots

An 8-foot fence around an area should have extra depth in topsoil, walkways of shredded mulch, and water spigots. We suggest that 25'x25' plots be requested and assigned via a DSWS web portal.

Dog Park

A 4-foot fence around a grassy area should include a shallow pool that has a gentle water spray/fountain.

Children's play area

The ground should be covered with rubberized mulch. Kid's play equipment should be inside an open pavilion for shade. Adjacent to the pavilion should be a tiled patio area for kids that includes an integrated water spray/fountain (e.g. Rockville Town Center).

Model plane flying area

A 4- foot fence around an area should contain a pavilion for equipment, two 100-ft crossed cinder runways and a windsock on a pole.

Skate park

This should be a street course with a variety of ramps for skateboarding, in-line skating and freestyle biking. Bleacher seats to allow for visitor viewing and a pavilion for shade should be provided.

Picnic area

Open pavilions with picnic tables should be scattered through the area with groups near activity areas. All pavilions should have spigots.