

Eastwick Lower Darby Creek Area Community Advisory Group (ELDCA CAG)
eldca.cag@gmail.com
[LDCA Superfund Site Community]
Eastwick Mercy Wellness Center
July 8, 2015
Sponsored by US EPA Region 3

US EPA hosted Eastwick Lower Darby Creek Area Community Advisory Group [ELDCA CAG] Meeting for the Lower Darby Creek Area [LDCA] Superfund Site community in Eastwick PA on Wednesday, July 8, 2015 at the Eastwick Mercy Wellness Center. The meeting began at approximately 6:40 pm and adjourned at 8:40 pm. [Please see the agenda for the July 8th meeting at the end of this meeting summary - Appendix A.] Approximately 25 people were in attendance for this meeting.

WELCOME and INTRODUCTIONS

Earl Wilson, ELDCA CAG Leadership Team Member, welcomed everyone to the meeting. He then noted that several seats were empty and reminded those in attendance of the importance of attending CAG meetings and that vital information is being shared. He also expressed how important it is that all members arrive on time—by 6:30 pm—so that the meetings can adjourn as scheduled. Next Earl introduced Josh Barber, EPA's Remedial Project Manager [RPM] to provide a Site update for the Lower Darby Creek Area [LDCA] Superfund Site.

EPA SITE UPDATE

Technical Update: Josh Barber, RPM for the LDCA Site, provided an update on technical activities at the Site.

Josh discussed the current status of several activities related to the Remedial Design (RD) for Operable Unit (OU1) of the Site, the Clearview Landfill Soils and Waste. Josh indicated that the sampling plan for the upcoming Pre-Design Investigation (PDI) is nearly complete. There are several areas where EPA will be conducting testing to gather information to assist with the development of the design. In June, EPA collected a limited number of samples from one location in the City Park to evaluate their planned sampling design. The sampling design was found to be acceptable, but the results also indicated that EPA would need to collect samples from at least one row of homes adjacent to the City Park. The purpose of this testing will be to see if contaminants in soil on these residential properties are above EPA's cleanup levels as the adjacent location in the City Park is known to also have contaminants above those cleanup levels. There was considerable discussion on this topic. Members of the CAG were interested in knowing which homes were being tested. Josh explained that EPA cannot share that information because they have to protect those residents' privacy. However, EPA will be reaching out to residents to explain why they want to test and ask for legal access to do so. EPA will also meet with each resident to explain the results and next

steps. Josh did say that the overall findings of the sampling could be shared with the CAG after EPA has evaluated the data and spoken with the residents. Josh said that EPA will be visiting those homes soon to discuss the sampling and will also be sending out a “brochure” to all the homes near the park to explain the pre-design investigation. EPA is also planning to set up some time while they are sampling for members of the CAG and those residents whose properties are being tested to come out and see what the process looks like. In addition, EPA is working on a video that will show interested community members how the drill rigs will operate. Members of the CAG were interested in being a conduit to the community regarding this sampling. Both Josh and Larry Brown, the EPA Community Involvement Coordinator, explained that EPA is responsible for being the main point of contact for each resident that has their property tested and EPA must explain the results, keep their privacy protected, etc. However, EPA can also make sure to let these residents know that there is a CAG for this Site that can also serve as a resource to them.

In addition to the PDI, work on the preliminary design is still ongoing. Tetra Tech, EPA’s design contractor, is working on the grading plan and stormwater management plan. The preliminary design, which represents completing approximately 30% of the design, is scheduled to be completed by November 2015.

As for the Clearview Landfill Groundwater (Operable Unit 3 (OU3)), EPA is currently conducting the 3rd round groundwater sampling. It will take 2-3 weeks to sample all 60+ monitoring wells. All three rounds of sampling data will be used to determine how and where contamination is moving and evaluate any potential risks.

For the Folcroft Landfill (Operable Unit 2), the Responsible Parties (RPs) have completed their shallow groundwater investigation. “Shallow groundwater” refers to the overburden material that is above bedrock. In early May, the RPs began an investigation of the bedrock groundwater to determine if it has been impacted by the Folcroft Landfill. This was done following a plan that was approved by EPA and the Pennsylvania Department of Environmental Protection. Two out of the three bedrock wells were installed by the RPs contractor. The third monitoring well could not be installed because a tight seal between the overburden and bedrock could not be guaranteed. Failure to have a competent seal could result in shallow contamination moving into the bedrock. EPA approved the sampling of the two new bedrock monitoring wells. Once the results from the sampling are provided to EPA, they will discuss next steps with the RPs and Pennsylvania Department of Environmental Protection.

EPA is conducting an aquatic risk assessment that is looking at the contaminants and potential risks from the sediments in Darby Creek from the Clearview Landfill down to its discharge point with the Delaware River. The last round of sampling for this risk assessment will be conducted in August and will entail collection of snapping turtles for tissue contaminant sampling.

Community Involvement Update: Larry Brown, CIC, for the site provided an update on community involvement activities.

Community Involvement Plan [CIP]: EPA is working with its contractor to complete an updated set of Frequency Asked Questions (FAQs) related to activities at the LDCA Site, a Newsletter for the site, and a Community Involvement Plan (CIP). The FAQs is a list of those questions that are repeatedly asked. They will be posted on EPA's LDCA website and produced in a fact sheet format. EPA hopes that this will be a tool that will be useful to the CAG and the community. The FAQs will be updated periodically as needed. The Newsletter will be produced 2 - 3 times a year and will be updated as significant progress is made at the site. The CIP is more of a long-term project and will address how EPA will focus its community involvement and outreach efforts with the goal of how to best keep the entire Eastwick community informed on all upcoming site activities. Lastly EPA is planning a Public Availability Session, regarding activities at the LDCA site, tentatively scheduled for August 27, 2015, pending confirmation of the meeting site.

WORKING GROUP REPORTS

The new ELDCAG has already moved to establish several "working groups" according to the procedures outlined in the ELDCAG Operating Procedures. Two new working groups were established between the May 13th CAG meeting and the June 10th CAG meeting including: a Technical Working Group and a Health and Safety Working Group. A third working group (Communications Working Group) was formed between the June 10th and the July 8th CAG meetings.

Typically CAG working groups will meet once monthly and in advance of regularly scheduled CAG meetings so that the co-chairs of the working groups can report back to the full CAG membership about what transpired in their working group meetings. Therefore, a regular component of each CAG meeting summary will be reports from each of the CAG working groups.

The following CAG working group reports follow:

- Technical Working Group Report
- Health and Safety Working Group Report
- Communications Working Group Report

1. **Technical Working Group: Pre-Design Investigation Sampling Plans**
[Summary from June 22, 2015 Technical Working Group [TWG] meeting]

EPA met with TWG to review the remaining proposed Pre-Design Investigation (PDI) Tasks that were not covered at the June 3, 2015 meeting. The following PDI Tasks were presented to the TWG by EPA:

- Confirmation sampling that soils in PCB removal areas are sufficiently clean and that there are no concentrations over cleanup criteria.

- EPA informed us that the incremental sampling was actively being conducted in the City Park.
- Sources of soil for the cover. Assessing the dewatered dredge material at the Ft. Mifflin upland confined disposal facility. EPA is planning sampling of dredged sediment from an area identified by the US Army Corps of Engineers.
- EPA is designing a study for creating the cover material soil by adding clean and dry wastewater treatment plant sludge to dredge material. The rations for the various amendments will need to be determined so a research pilot study is being developed. The cover material needs to be somewhat free draining so that the plants receive adequate moisture but too free draining or too much leachate will be created, defeating the purpose of the evapotranspiration cap.
- A small amount of additional methane sampling is proposed near Mars Place and Angelo Place.
- EPA is planning to complete some further assessment of the Archaeological Resources located near Buist Place and South 83rd Street and on the southwest side of South 84th Street. There are maps that identify the area as a revolutionary war cemetery. It may have already been disturbed when the area was redeveloped. EPA must be certain that if there is Resources present that they are protected from being disturbed during the remediation.

EPA continued and completed their presentation from a slide presentation that has been uploaded to EPA's website for everyone to view.

The Technical Advisory Group (TAG) through Darby Creek Valley Association (DCVA) was provided with copies of all the digital information that EPA provided to the TWG. When DCVA-TAG consultant provides comments on these documents, this information will also be passed along to the ELDCA CAG Leadership Team.

ACTION ITEMS FOR NEXT TWG MEETING: (next meeting July 15, 2015 @ Eastwick Library)

1. On June 24, 2015 the DCVA MEETING: (next meeting July 15, 2015 EnviroAce will provide comments regarding the information provided by EPA.) When a final letter is received from the TAG it will be forward to the ELDCA CAG Leadership Team.
 2. Review information gathered from EPA and the Leadership Team. When a final letter is received from the TAG recipient the TAG asked if the digital information that EPA provided contains the correct tree species being selected for the evapotranspiration cover?
2. **Health and Safety Working Group: Comments on EPA's Community Heath and Safety Plan Survey**
[Summary from June 5, 2015 Health and Safety [H&S] WG meeting]
Next Meeting: Wednesday, July 15th 6PM and 3rd Wed each month

1. Introductions

2. Review latest revision of Community Health and Safety Plan Survey

- a. Possibly distribute to include homes that will be impacted by traffic
 - i. 78th from Lindbergh – Planets
 - ii. Island and Lindbergh; 78th – 84th
Significant cost will be incurred to distribute to every home
 - 1. Alternate distribution plan discussed: paper surveys to be taken to Eastwick Community groups: EFNC, EAC and others, all religious organizations. Pastor Smart, St. Paul's at 84th Lindbergh. Has been helpful on related issues.
 - 2. Other locations with bulletin boards: ShopRite, Eastwick Library
 - 3. Provide CAG members with surveys to distribute at appropriate venues. Distribution is not mandatory.
- b. Completed surveys will be put in a large envelope all together and returned to H&S committee.
- c. COEC will create an online survey using Survey Monkey, and print bulletins with tear off strips that contain the link to the survey
- d. It was discussed that we need to clarify for the community that the EPA will include all health and safety concerns that they are aware of and the survey is just to ensure that all community concerns are included.
- e. Revisions
 - i. Remove EPA logos from surveys
 - ii. Revised survey and distribution plan will be presented at the next CAG meeting
 - iii. Revisions will be collected until Tues June 30th.
 - iv. The survey still needs resource information on who to contact if they have concerns (need Larry's input)

3. Josh reviewed maps

- a. Pg.1 Fig 3-3 – All locations of soil samples collected from 2003-2006. Surface and sub-surface soil sampling.
- b. Pg. 2 Fig 3-4 – Bar-hole sampling of vapor monitoring and soil gas readings for homes with backyards facing park; Angelo Place
- c. Pg. 3 Fig 3-5 – Locations where sediment and surface water samples were collected from the creek from 2002-2005
- d. Pg. 4 Fig 3-8 – Leachate seep samples that were sampled at low-tide (leachate is ground water that has passed through waste and picks up contamination)
- e. Pg. 5 Fig 3-10 – Background soil samples collected from Korman area and Heinz refuge; (areas that are not impacted by the site)
- f. Pg. 6 Fig 3-11 – Groundwater monitoring wells that were installed as part of the remedial investigation. 14 groundwater wells were installed, and sampling occurred above bedrock.

- g. Pg. 7 Fig 3-12 – Drainage basins on the landfill. These are areas where all rain water will stay because of the topography (how the land is oriented with elevations and depressions)
- h. Pg. 8 Fig 3-13 – Areas that were included in the ecological habitat risk assessment, and location of each sample collected
- i. Pg. 9 Fig 3-1 – Expanded map of the monitoring well locations (ground water)
- j. Pg. 10 Fig 3 – Removal site evaluation. Yellow – previously sampled locations. Green – discrete samples. Red – areas where multiple samples were collected
- k. Pg. 11 Fig 4 – Areas where soil removal occurred
- l. Pg. 12 Fig 5 – Areas where sub-surface soil was removed
- m. **Request to EPA:** 1. Maps of where the EPA conducted soil and vapor sampling should be color coded by levels of concern; ex: Red – Highest area of concern. These maps should be made available to H&S Workgroup
2. Create a series of maps for each contaminant at each location that was sampled

These resource maps will help the H&S workgroup in their efforts to anticipate and understand potential health implications of site activities.

d. Attendance

Anna Katenta	Dr. Marilyn Howarth	Eileen San Pedro
Derron LaBrake	Deborah Jefferson	Earl Wilson
Joshua Barber	Thomas Kroger	

3. **Communications Working Group: Comments on EPA's Community Health and Safety Plan Survey**
[Summary from June 18, 2015 Communication WG meeting]
Next Meeting: To be Announced

The CWG is currently in the formulation stages. We held our first meeting on June 18th at the Recreation Center on Mars Place. In attendance were co-chair Jacqueline Howard, LT member Ted Pickett and Mark Harrell who is a reporter for the Globe Times. Our discussions centered on how the Globe Times can assist in informing the broader Eastwick community about the Superfund site, the Community Advisory Group (CAG) its activities and other important information.

The Globe Times is published the 1st and 3rd Friday of each month. The CAG through the CWG will be able to post information and updates on its weekly website, issue Press Releases, and communicate via Facebook.

In addition the CWG introduced a Community Outreach Request Form which can be used for all Working Groups to request and provide information for the CWG to distribute via several mediums, i.e. Facebook, Local paper, website. (Form attached as APPENDIX C)

UPDATE ON THE DEVELOPMENT OF THE ELDCA CAG WEBSITE:

Dr. Marilyn Howarth announced that she will fund the development and maintenance of a CAG website but will need a volunteer CAG member to manage it. Anna Katenta, COEC CEET UPENN, conducted a powerpoint presentation on the development of the website during the Wednesday, July 8th, CAG meeting which consisted of the following:

Website Details:

- Title: Eastwick Lower Darby Creek Area Community Advisory Group
- Bluehost is a private server that hosts websites. It was highly recommended to us for its features and ease of use
 - Storage: 100GB of content such as pictures, text and videos

Bandwidth and potential crashing: This page can have several hundred views at one time. To reduce the risk of crashing, the CAG and COEC may consider premium hosting plans through Bluehost.

- **CAG Responsibilities**
- **One volunteer from the CAG to be listed as the owner of the website**
- Elect a website manager
 - Provide website manager with Mission Statement and content for all working groups
- Decide on website domain
 - Eastwickcag.org
 - Eldcacomunity.org
 - Eldcacag.org
- COEC Responsibilities
 - COEC will be responsible for all costs associated with website
- Upcoming Community Advisory Group Meetings
 - Eastwick Area Lower Darby Creek Area CAG Meeting
 - Eastwick Area Lower Darby Creek Area CAG Technical Working Group Meeting
 - Eastwick Area Lower Darby Creek Area CAG Health & Safety Working Group Meeting
- Contact Information
 - Co-chairs of each working group
 - Leadership Team on *Contact Us* page
- Options

- Links to ELDCAG Facebook and EPA pages
- Edit font and color scheme
- Pictures
- Suggestions
 - ?

PRESENTATION ON LAND OWNERSHIP: Josh Barber

Josh gave a presentation on Land Ownership and how it potentially affects the cleanup of the Clearview Landfill as well as the Sites overall reuse. Recently, there have been numerous questions on this topic from various members of the CAG. There were also questions regarding who will fund and maintain the Clearview Landfill remedy after construction is completed. The presentation is attached to these meeting minutes (as APPENDIX D). However, the main points of Josh's presentation were:

- EPA typically **DOES NOT** need to own property in order to conduct a Superfund cleanup.
- EPA and the Pennsylvania Department of Environmental Protection (PADEP) are responsible for the construction **AND** the long-term monitoring and maintenance of the Clearview OU1 cleanup.
- EPA **DOES NOT** pick the specific reuse activities after cleanup.
- EPA and PADEP will establish **physical and legal restrictions** to protect the integrity of the remedy. Any future use activities must comply with those restrictions.

Ownership of the Clearview Landfill is split between the main portion of the Landfill that is located in Darby Township (Delaware County) and the City of Philadelphia. The Darby Township portion of the Site, which contains the majority of the landfill waste, is privately owned by Killeen Disposal, LLC. The City of Philadelphia owns the Eastwick Recreational City Park.

Member comments and proposed agenda items for the August 12, 2015 CAG meeting

Following Josh's presentation on Land Ownership, Earl Wilson of the Leadership Team asked CAG members to offer any comments that they might have for future CAG meeting agenda items. A few CAG members stated that there was not sufficient time for them to ask questions and one working group co-chair felt that there was not enough time to complete her update. Thus, it was recommended that there be more time allotted in upcoming CAG meetings for members to ask questions and receive feedback. Addition comments for the August 12, CAG meeting included voting on a name for the CAG website; getting an update from the EPA about the upcoming Open Community Meeting and; conduct an open forum where each member can provide feedback about how they plan to inform their neighbors about CAG activities. The latter

Draft LDCA CAG Meeting Summary

issues is of immediate importance as it will help inform the process of getting the Health & Safety Working Group questionnaire completed by residents in the targeted area.

Earl Wilson thanked the CAG members for their part in helping to make the meeting a success and adjourned the meeting at approximately 8:40 pm.

PLEASE NOTE THAT A DRAFT AGENDA FOR THE UPCOMING AUGUST 12, 2015 CAG MEETING APPEARS AT THE END OF THIS SUMMARY AS APPENDIX B.

APPENDIX A

FINAL AGENDA

**Eastwick Lower Darby Creek Area Community Advisory Group (CAG)
LDCA Superfund Site Community**

**Sponsored by
US EPA Region 3**

Meeting Location: Eastwick Mercy Wellness Center

July 8, 2015

- 6:30 pm Opening remarks by CAG leadership team**
- Welcome including review of agenda, purpose of meeting
 - CAG activities undertaken since June CAG meeting
- 6:40 pm EPA update on LDCA site activities – Josh Barber, Larry Brown**
- Update on technical site activities
 - Update on community involvement site activities
- 7:00 pm Working group reports**
- Technical working group: Report from June 22, working group meeting
 - Health and Safety working group: Report from June 22, working group meeting
 - Communications working group: Recommended approach for CAG website
- 7:30 pm EPA Presentation: Land ownership questions and how they affect the
Clearview Landfill cleanup process – Josh Barber**
- 8:15 pm Solicit member comments and potential agenda items for August 12,
CAG Meeting**
- 8:30 pm ADJOURN**

APPENDIX B

DRAFT AGENDA

Eastwick Lower Darby Creek Area Community Advisory Group (ELDCA CAG)

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LDCA Superfund Site Community

**Sponsored by
US EPA Region 3**

Meeting Location: Eastwick Mercy Wellness Center

August 12, 2015

- 6:30 pm Opening remarks by CAG leadership team**
- Welcome including review of agenda, purpose of meeting
 - CAG activities undertaken since June CAG meeting
- 6:40 pm EPA update on LDCA site activities – Josh Barber, Larry Brown**
- Update on technical site activities
 - Update on community involvement site activities
- 7:00 pm Working group reports**
- Technical working group: Report from July 15, working group meeting
 - Communications working group: Report from July working group meeting
 - Announce name for the new CAG website
 - Update from Anna Katenta on CAG website
- 7:30 pm Health and Safety working group: Report from July 15, working group meeting and additional information**
- 8:00 pm Group discussion about how each member will inform their neighbors about CAG activities**
- 8:15 pm Solicit member comments and potential agenda items for September 9, CAG Meeting**
- 8:30 pm ADJOURN**

ELDCA CAG

Communications Work Group

COMMUNITY OUTREACH REQUEST FORM

Describe the purpose and provide details:

Meeting Type: _____

Location Name: _____

Address: _____

Date _____

Time: _____

Agenda/Message:

Check off the Type of medium: (Can be more than 1) If other, name the medium.

- ☐ Facebook:
- ☐ Local paper:
- ☐ Website::
- ☐ Other:

*Requested by: _____ *Insert Leadership Team Name*

Follow us on Facebook

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Communications Work Group

COMMUNITY OUTREACH REQUEST FORM

Additional Information:

[illegible]

Follow us on Facebook



Land Ownership and Impacts on Clearview Landfill OU1 Cleanup

Lower Darby Creek Area Superfund Site

Eastwick Lower Darby Creek Area CAG Meeting

July 8, 2015

Josh Barber

EPA Remedial Project Manager





Agenda

- Key Messages
- Summary of questions received
- The Superfund Program & Property Ownership
- The Clearview Landfill OU1 Cleanup: Ownership & Funding
- Questions



Key Messages

- EPA typically **DOES NOT** need to own property in order to conduct a Superfund cleanup.
- EPA and the Pennsylvania Department of Environmental Protection (PADEP) are responsible for the construction **AND** the long-term monitoring and maintenance of the Clearview OU1 cleanup.
- EPA **DOES NOT** pick the specific reuse activities after cleanup.
- EPA and PADEP will establish **physical and legal restrictions** to protect the integrity of the remedy. Any future use activities must comply with those restrictions.



Summary of Questions

- Who is the property owner and what is their role?
- Does or will EPA own the property?
- Are activities such as short dumping and recycling still occurring on the landfill?
- What land use-based cleanup standards will be used?
- What restrictions (legal/engineering) will be put in place?
- How many businesses are on the landfill and what is their status?
- Do the businesses know they are going to be relocated?
- Who is paying for the cleanup and long-term management?
- Who will manage the site in the future? How?
- What about the responsible parties?
- Who determines reuse after cleanup?
- Who determines if the community will have access to the landfill in the future?



Superfund & Property Ownership

- EPA usually **DOES NOT** need property ownership to conduct cleanup, but can take ownership, if necessary
- Superfund Law prevents EPA from owning property beyond the “remedial action” (RA)
- **Before** EPA can actually take ownership, the state must agree to take over property ownership after the RA is complete.
- RODs **DO NOT** specify the reuse activity, just general use categories and restrictions



The Clearview Landfill OU1 Cleanup: Ownership & Funding





Clearview Property Ownership

- Approximately 44 acres in Darby Township are owned by Killeen Disposal, LLC (“the property”), includes the current businesses
- City of Philadelphia owns remaining approximate 20 acres
 - Eastwick Recreational Park
- EPA has access to this property and access from the City for Superfund activities
- No plans for EPA to own the property
- Post-construction, access to the property (aside from EPA & PADEP) will be determined **by the owner**



Clearview Cleanup Responsibilities & Requirements

- 90% - 10% cleanup cost share between EPA and PADEP
- Funding, long-term management, etc., responsibilities are covered in Superfund State Contract (SSC) between EPA and PADEP
- ROD requirements include performance standards for:
 - All components of the remedy (ET cover, treatment wetlands)
 - Long-term Monitoring Plan (Sections 11.2.2, 11.2.6)
 - Operations and Maintenance Plan (Section 11.2.6)
 - Use Restrictions and an Institutional Control Plan (Section 11.2.7)



Clearview Cleanup Responsibilities & Requirements

- Once the RA is complete and is determined to be “operational and functional,” responsibility for operation and maintenance transfers from EPA to PADEP
- EPA conducts five-year reviews of remedy performance and establishes recommendations to address any issues
- The ROD **does not** specify the reuse activity, just general use categories
 - For example: light recreation, industrial, residential



Post-Construction Use Restrictions

- From a health standpoint, the surface of the Landfill cover and Park will be safe for all uses
- However, any uses of the Landfill cover area cannot interfere with remedy, e.g., no removal of trees, penetration of the cover
- If contaminated soil is left below water table and outside cover, use restrictions will be imposed to prevent exposure to that material
- Groundwater restrictions and additional fishing advisories (if needed)



Clearview Reuse

- All reuse must comply with institutional and engineering controls
- EPA **DOES NOT** choose specific reuse activities, but **DOES** ensure that they do not interfere with remedy
- Owners ultimately determine how their property is used after cleanup in compliance with the use restrictions
- EPA supports and can assist with reuse planning to ensure there are no impacts to remedy
- Helpful to start discussing potential reuse options early in the RD process.
 - City of Philadelphia Planning Department
 - Killeen Disposal, LLC



QUESTIONS???