Prepared By: Montgomery County DEP/DSWS

Date Issued: 8/23/19 Date Finalized: 9/17/19

## GUDE LANDFILL REMEDIATION GLCC/DEP MEETING NO. 56

DATE: Thursday, July 18, 2019 TIME: 7:00 PM to 9:00 PM

LOCATION: Montgomery County Transfer Station

#### ATTENDANCE:

<u>Name</u>	<u>Organization</u>	<u>Designation</u>
Dave Peterson	Gude Landfill Concerned Citizens (GLCC)	Member
Nick Radonic	Gude Landfill Concerned Citizens (GLCC)	Member
George Wolohojian	Gude Landfill Concerned Citizens (GLCC)	Member
David Miner	Gude Landfill Concerned Citizens (GLCC) / DSS HOA	Member
Dom Perez	Capital Area Soaring Association (CASA)	Member
Ilana Branda	Montgomery County Dept. of Health & Human Services	County Rep.
Susie Sinclair-Smith	Montgomery County Coalition for the Homeless	County Rep.
Don Birnesser	Montgomery County Dept. of Env. Protection (DEP)	Section Chief
Jamie Foster	Montgomery County Dept. of Env. Protection (DEP)	Senior Engineer
Megan Maffeo	Floura Teeter Landscape Architects (FLTA)	EA Subconsultant
Anthony LaRocca	Floura Teeter Landscape Architects (FLTA)	EA Subconsultant
Mark Gutberlet	EA Engineering, Science, and Technology, Inc., PBC (EA)	<b>DEP Consultant</b>
Stephen Lezinski	Barton & Loguidice, D.P.C. (B&L)	<b>DEP Consultant</b>

The Meeting Agenda is included as Attachment 1.

The Meeting Sign-in Sheet for attendees is included as Attachment 2.

The Draft Minutes from GLCC/DEP Meeting No. 55 is included as Attachment 3.

The EA / Floura Teeter Presentation is included as Attachment 4.

The EA / Floura Teeter Concept Plan Alternatives Draft Survey is included as Attachment 5.

The EA / Floura Teeter Post-Meeting Survey (via Survey Monkey) is included as Attachment 6.

#### 1. WELCOME AND OPENING REMARKS

- a. Megan Maffeo of Floura Teeter opened the meeting by welcoming the participants for attending.
- b. Ms. Maffeo provided a brief overview of Floura Teeter's past land use work and community engagement for the Gude Landfill remediation project.

#### 2. GUDE LANDFILL REMEDIATION - PASSIVE LAND USE CONCEPTS

- a. Ms. Maffeo proceeded to review the presentation and survey.
- b. Floura Teeter Concept Plan Alternatives Presentation
  - ➤ The presentation consisted of: Vision and Goals, Site Suitability, Comparative Analysis, Bubble Diagrams A-C, Concept Alternatives A-C, Comparison of Concept Alternatives, Gravel/Grass Public Access Trails, Destination High-Point Lookout, Dog Play, Children's Nature Play, Native Meadow Planting/Habitat, and Next Steps.
  - ➤ Ms. Maffeo referenced having "destinations" and signage within the land uses to tie together the functional landfill with the natural and educational aspects of the recreational reuse effort.

- ➤ Group discussions ensued regarding the Concept Alternatives and the individual land uses within each alterative (as referenced above).
- ➤ George Wolohojian asked about the sizing of the gravel and grassed access trails. Jamie Foster indicated that the presentation has a slide that presents the information.
- ➤ Dave Peterson suggested contacting a local nature center about potential bird habitat. Ms. Maffeo noted that FTLA has been in contact with M-NCPPC and a local bird club regarding land use aspects.
- Susie Sinclair-Smith asked about the future status of the potential solar field and existing Flares. Ms. Maffeo noted that the potential solar field would likely be fenced on top of the Landfill. Mr. Foster, noted that the existing Flares would remain in place at their current location. Mr. Wolohojian inquired about the size of the potential solar field. Anthony LaRocca noted it could be 20-30 acres in size.
- ➤ Mr. Wolohojian indicated that he preferred the larger dog play area(s) (some with leash on and some with leash off). He also preferred an area with a higher length-to-width ratio to provide more room for the pets to run.
- ➤ Mr. Peterson asked about access for emergency vehicles. Mr. Foster and Mr. Lezinski noted that the existing access roads off of Southlawn Lane and East Gude Dr. could potentially be used for access of emergency vehicles.
- ➤ Mr. Peterson asked about the use of the emergency debris management area. Don Birnesser indicated that the County plans to operate this area only during storm-related and/or debris-generating events for woody vegetation. Mr. Lezinski added that the area may also be used by the County during leaf season for overflow storage.
- ➤ Ms. Sinclair-Smith asked about the potential for additional methane gas releases during construction. Mr. Lezinski indicated that the LFG extraction system would be in operation during construction; however, some sections of the LFG system would be shut down temporality for decommissioning and new installations during the construction project.
- ➤ Ms. Sinclair-Smith asked about construction access. Mr. Lezinski noted that the primary access for the heavy truck traffic would be from Southlawn Lane and some access could be from East Gude Drive.
- ➤ Mr. Wolohojian and Nick Radonic asked about the budget for recreational land uses. Mr. Foster stated the design budget is set and the construction budget would be set when the design/permitting is completed.
  - Mr. Lezinski followed-up that the remediation project's design budget was established based on EA Engineering's proposal (the Design Engineer), and that the Construction Management Engineer's budget would be established when that RFP is released and proposals are received over the next several months.
  - Mr. Lezinski also noted that the remediation project's overall construction budget (for the remediation capping and recreational land uses) would be established after the design/permitting efforts are completed, and when the Construction RFP is released and proposals are received by the Construction Contractor.

#### c. Floura Teeter Land Use Preference Survey

➤ The Draft Survey included the purpose of the concept plan alternatives, identified the land uses within each concept plan alternative, and asked several questions to solicit input and preferences regarding the potential land uses. Ms. Maffeo added that a main objective of the survey is to prioritize any preferences that exist.

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Meeting attendees discussed the draft survey and the options to provide feedback to the County. The County indicated a preference to receive responses by July 31<sup>st</sup> with the purpose of retaining the current FTLA schedule for preparing the land use summary report. GLCC expressed concerns regarding the distribution of a hard-copy survey form as well as a PDF copy of the form. Meeting attendees agreed that FTLA would create an online survey (via survey monkey) with an email link to facilitate the initial distribution by GLCC/HOAs to the community and the feedback receipt. Target date for FLTA to distribute the electronic survey is July 22<sup>nd</sup> with a target feedback response date of July 31<sup>st</sup> by the community.

#### 3. GLCC/DEP MEETING MINUTES – REVIEW AND APPROVAL

- a. Mr. Lezinski noted that the draft minutes from GLCC/DEP Meeting No. 55 were distributed to GLCC on 6/17/19 by Jamie Foster.
- b. Attending GLCC members (Mr. Peterson and Mr. Wolohojian) reviewed and accepted the meeting minutes.

#### 4. LANDFILL PROGRAM UPDATE

- a. Mr. Lezinski reviewed the landfill program update.
- b. Soil Stockpile this project is on-going; however, the Purple Line has not hauled soil in FY20 due to the lack of availability of suitable soil.
- c. Groundwater Monitoring EA is tentatively scheduled to perform the Fall 2019 semi-annual sampling in late-July / early-August 2019.
- d. Landfill Flare Station APTIM completed all of the maintenance repairs to Flare 1 and Flare 2 in June 2019. A brief overview of the repairs is provided below:
  - > Updating logic programming and controls.
  - **>** Burner assembly and arms.
  - ➤ Pilot assembly with ignitors.
  - Fire deck and flame arrester.
  - ➤ Louver automation, temperature control thermocouples, and UV/O2/Air Flow sensors
  - ➤ Isolation and modulating valves, flexible couplings, flow span piping, and flow meters.
- e. Mr. Wolohojian asked the County to review the Men's Shelter evacuation from the 600 E. Gude Drive location and its relation to the repairs at the Flare Station. Mr. Radonic mentioned that he felt the resonance at his home in Derwood Station.
  - ➤ Mr. Foster explained that the frequent start-ups and shutdowns of the Flares and the interrelated gas flow mechanics during such events were causing observable vibration and resonance in areas surrounding the Flare Station. These issues have been reduced based on site observations since June 2019, when APTIM completed the repairs at the Flare Station.
  - ➤ Ms. Sinclair-Smith indicated that the Montgomery County Coalition for the Homeless has left the site. MCCH has not yet determined if they will reoccupy their offices and buildings at the 600 E. Gude Dr. location. Future discussions and meetings will be held with County Departments regarding options.
- f. Landfill Gas Monitoring a methane exceedance was noted in the eastern area of the site (W-18). The LFG Contractor (APTIM) completed the passive collection trench in the eastern area. The measured methane concentrations have decreased in proximity to W-18.

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#### 5. <u>GUDE LANDFILL REMEDIATION – DESIGN ENGINEER PROJECT UPDATE</u>

- a. Mr. Lezinski reviewed the design engineer project update.
- b. EA provided the 60% Design submission on 7/12/19, which is under review.
- c. EA will submit the 60% Design to MDE in coming months. The County will distribute a copy of the 60% Design to GLCC following the submission to MDE.
  - ➤ Mr. Peterson asked when the MDE submission will occur. At this time, Mr. Lezinski estimated the MDE submission would occur in 1-2 months based on the current schedule, which is subject to change.

#### 6. SUMMARY OF NEW ACTION ITEMS FROM THE MEETING

- a. EA / Floura Teeter to prepare an electronic survey for the Concept Plan Alternatives (via Survey Monkey), which will be distributed by email to GLCC in the next several days (target date of July 22<sup>nd</sup>).
- b. GLCC will distribute the electronic survey via email to the three (3) HOAs in the Derwood Station Community for responses (target date of July 31<sup>st</sup>).
- c. EA / Floura Teeter will consolidate the survey responses and share the results with the County and GLCC.
- d. Upon completion of the Concept Plan Alternatives, EA / Floura Teeter will prepare a Summary Report. Following County review, the Summary Report will be shared with GLCC. Upon GLCC receipt, the County requested that GLCC prepare a letter to the County, in a similar manner to the December 1, 2016 Letter, to confirm their preferences and/or support of the potential land use alternatives.

#### 7. GLCC MEETINGS AND ON-GOING COMMUNITY COMMUNICATION

a. Monthly Meetings. 3<sup>rd</sup> Thursday at the Transfer Station or Recycling Center at 7:00 PM or a modified schedule/location as agreed by GLCC and the County.

#### 8. <u>NEXT MEETING</u>

a. Attendees agreed that the next meeting would be tentatively scheduled for September 19, 2019 at the Montgomery County Transfer Station.

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Date	July 18, 2019	
Time	7:00 PM - 9:00 PM at the Transfer Station	
Meeting	Gude Landfill Remediation: GLCC/DEP Meeting No. 56	

Name	Initial if Present	Affiliation	Phone	Email	Address	
Don Birnesser	DAN	DEP/DSWS	240777-6569	Donald.Birnesser@monizomerycountymd.gov	16101 Frederick Road Derwood, MD 20855	
Jamie Foster	Tes	DEP/DSWS	240777-6574	Lumic foster@montgomerycountymd.gov	16101 Frederick Road Derwood, MD 20855	
Dave Peterson	1048	GLCC/DS1 HOA	301-921-6357	Kmpdhp@comost.net	7612 Anamosa Way Derwood, MD 20855	
Keith Ligon		GLCC	301-340-3358	kelison56@email.com	15501 Moravia Court Derwood, MD 20855	
Julia Tillery		ercc	202-329-8740	Julia@tillervoffice.com	15461 Indianola Drive Derwood, MD 20855	
Laszlo Harsanyi	h	GLCC/DS2 HOA	301-840-3822	LaszloH@comcast.net	7228 Titonka Way Derwood, MD 20855	
Nick Radonic	100	GLCC/DSS HOA	301-294-9124	Big. Rad@gmail.com	15408 Indianola Drive Derwood, MD 20855	
George Wolohojian	Au	GLCC/DSS HOA	301-738-7148	gwolohojian@aol.com	15448 Indianola Drive Derwood, MD 20855	
Charles Regan	Un	GLCC/DSS HOA	202-510-1363	sregan520@gmail.com	15532 Grirmell Terrace Derwood, MD 20855	
Other Meeting Attendees						
Dom Perez	X	Capital Area Soaring Assoc.	30,9103424	domeperez@gmail.com		
Stephen T. Lezinski	572	Barton & Loguidice, D.P.C.	717-571-1092	slezinski@bartonandloguidice.com	116 Defense Highway, Suite 309 Annapolis, MD 21401	
Mark Gutberlet	MAY	EA Engineering	410-584-7000	mgutberlet@caest.com	225 Schilling Circle, Suite 400 Hunt Valley, MD 21031	
Laura Oakes		EA Engineering	410-584-7000	loakes@eaest.com	225 Schilling Circle, Suite 400 Hunt Vailey, MD 21031	
Megan V. Maffeo	magn	Floura Teeter	410-528-8395	MMaffeoi@flournieeter.com		
DAVID MINIER	In	DSS HOA	3013407537	d_miniercomcass.	UET 15524 IND 401 Hungerford	ALOLA
Mara Brand	B	MC DHHS	7-4594	Ilana branda @ monty	401 Hungerford	
Susce Sinder	SPSS	MCCH	240	susie@mcch.net	4	or Drue
Smith						

### Gude Landfill Remediation Gude Landfill Concerned Citizens Monthly Meeting No. 56

#### **Meeting Agenda**

July 18, 2019 7:00 PM – 9:00 PM

#### 1. Meeting Sign-In

#### 2. GLCC/DEP Meeting Minutes (Field Visit Meeting No. 55 held on 4/24/19)

- a. Draft Meeting Minutes were distributed to GLCC on 6/17/19.
- b. GLCC review, comment, and/or acceptance of the Minutes.

#### 3. Landfill Program Update

- a. Soil Stockpile project is on-going; however, the Purple Line has not hauled soil in FY20 due to the availability of suitable soil.
- b. Groundwater Monitoring EA to perform semi-annual sampling in late-July / early-August 2019.
- c. Landfill Flare Station APTIM completed all of the maintenance repairs to Flare 1 and 2 in June 2019. A brief overview of the repairs is provided below:
  - Updating logic programming and controls
  - > Burner assembly and arms
  - > Pilot assembly with ignitors
  - > Fire deck and flame arrester
  - ➤ Louver automation, temperature control thermocouples, and UV/O2/Air Flow sensors
  - > Isolation and modulating valves, flexible couplings, flow span piping, and flow meters
- d. Landfill Gas Monitoring methane exceedance noted in eastern area of site (W-18). The LFG Contractor completed the passive collection trench in the eastern area. The methane concentrations have decreased.

#### 4. Gude Landfill Remediation – Design Engineer Update

- a. EA provided the 60% Design submission on 7/12/19, which is under review.
- b. 60% Design to be submitted to MDE in coming months. Then, distribution to GLCC will follow.

#### 5. Gude Landfill Remediation - Passive Land Use Concept Plan Alternatives

- a. Floura Teeter Presentation
- b. Floura Teeter Land Use Preference Survey

#### 6. Summarize New Action Items from the Meeting

#### 7. Monthly GLCC Meetings and On-going Communication with the Community

a. Monthly Meetings on 3<sup>rd</sup> Thursday at the Transfer Station at 7:00 PM or another alternate location.

#### 8. Next Meeting or Site Walk

a. August 15, 2019.

**Prepared By: Montgomery County DEP/DSWS** 

Date Issued: 6/17/2019

## GUDE LANDFILL REMEDIATION GLCC/DEP MEETING NO. 55 FOR GUDE TRAIL FIELD VISIT

DATE: Wednesday, April 24, 2019

TIME: 5:00 PM to 7:00 PM

LOCATION: M-NCPPC Gude Trail along Rights-of-Way

Organization

#### ATTENDANCE:

Name

<u>Name</u>	Organization	Designation
Laszlo Harsanyi	Gude Landfill Concerned Citizens (GLCC)	Member
Keith Ligon	Gude Landfill Concerned Citizens (GLCC)	Member
Dave Peterson	Gude Landfill Concerned Citizens (GLCC)	Member
Nick Radonic	Gude Landfill Concerned Citizens (GLCC)	Member
George Wolohojian	Gude Landfill Concerned Citizens (GLCC)	Member
Charles Kines	Maryland-National Capital Parks and Planning	Park/Trail Planner
Bob Turnbull	Maryland-National Capital Parks and Planning	Trail O&M Supervisor
Hyojung Garland	Maryland-National Capital Parks and Planning	Park/Trail Planner
Steve Sprague	Northeast Maryland Waste Disposal Authority	Project Manager
Don Birnesser	Montgomery County Dept. of Env. Protection (DEP)	Section Chief
Jamie Foster	Montgomery County Dept. of Env. Protection (DEP)	Senior Engineer
Megan Maffeo	Floura Teeter Landscape Architects (FLTA)	EA Subconsultant
Mark Gutberlet	EA Engineering, Science, and Technology, Inc., PBC (EA)	DEP Consultant
Stephen Lezinski	Barton & Loguidice, D.P.C. (B&L)	DEP Consultant

Decignation

A Gude Landfill Aerial Image with the Gude Trail Field Visit destination path is included as Attachment 1. A Gude Trail Field Visit Photo Log is included as Attachment 2.

The M-NCPPC Resource Atlas Map for the Gude Trail is included as Attachment 3.

#### 1. WELCOME AND OPENING REMARKS

- a. Jamie Foster and Don Birnesser opened the meeting/field visit by welcoming the participants for attending. Brief introductions occurred between the attendees and the field visit was initiated.
- b. As an administrative item, Jamie Foster distributed the draft minutes from GLCC/DEP Meeting No. 54 on 4/10/19 via email. Keith Ligon and George Wolohojian reviewed and accepted the meeting minutes on 4/14/19 via email.

#### 2. SUMMARY OF GUDE TRAIL FIELD VISIT

- a. Mr. Birnesser and members of GLCC and M-NCPPC (i.e., Montgomery County Parks Department) discussed the need for better signage along the Gude, Needwood, and Rock Creek Trails. Bob Turnbull mentioned that he would investigate the process and requirements for additional signage along the trails, including the entrance to the Gude Trail near Metro Park North and the existing access gate.
- b. GLCC inquired about a gate to access the landfill and future walking trails across from Dubuque Court along the Northwest Slope. The County indicated such a location would be problematic due to the slope of the landfill and the elevation change along the Northwest Slope. The County indicated that two (2) access points would be located near the Flare Station and the northern end of the landfill (at the existing double-swing gate).

- c. Mr. Wolohojian asked what the Northwest Slope would look like 5-years from now. Mr. Foster indicated the current design detail for the Northwest Slope includes the following components (after waste excavation occurs): a fence line, tree plantings, a paved access road/walking path, a drainage swale, the base of the landfill slope, and then the landfill slope (that is vegetated with a geosynthetic liner covering the waste mass). Mr. Lezinski relayed the same discussion regarding the design detail and visual appearance of the Northwest Slope following construction to Dave Peterson and Laszlo Harsanyi.
- d. Mr. Peterson and Mr. Ligon mentioned the need for vegetative screening along portions of the Derwood Station South (DSS) properties (the west side of the ROW) that do not already have natural screening. Also mentioned was the potential removal of any invasive species and potential screening around the Columbia Gas Equipment Shelter (that is of wooden construction). Mr. Peterson also mentioned that the Montgomery County Department of Transportation (DOT) previously donated trees to the Derwood Station community, and may have a tree donation program.
  - Mr. Birnesser indicated that the County would research the potential MC DOT program.
  - Mark Gutberlet mentioned that if vegetative screening is pursued, it may be beneficial to start the off-site DSS tree planting process now, to allow tree growth prior to construction. If invasive species removal is pursued, it may be beneficial to perform that after the construction of the northwest slope is complete, as the invasive species are providing significant screening now.
  - ➤ Mr. Foster and Mr. Birnesser concurred and would investigate the process for a separate independent project for the potential vegetative screening to be evaluated by the County.
- e. Mr. Turnbull indicated to the County that a construction access permit would be required through M-NCPPC for any potential work off of the landfill along the Northwest Slope on M-NCPPC property (for the capping project or potential vegetative screening project) or along the M-NCPPC ROW that borders the northwest area of DSS (for the potential natural stream restoration project by the County).
- f. Mr. Turnbull reviewed the Gude Trail Resource Atlas that presented the areas around the Gude Trail as well as potential constraints such as property boundaries, existing utility locations, rights-of-way, set back and buffer area requirements, floodplains, wetlands, and areas of steep slopes, etc. Mr. Turnbull explained the purpose of the Resource Atlas is to identify potential areas that are free of conflicts and constraints for proposed trail use or improvements, if they exist. GLCC asked if a copy of the Resource Atlas can be made available, and M-NCPPC provided a copy to the County for distribution.
- g. Meeting attendees met briefly along the primary ROW between DSS and the Landfill; then progressed off of the Gude Trail onto a portion of the M-NCPPC ROW that borders the northwest area of the DSS HOA (and runs east to west between the Derwood Station HOAs). GLCC noted that community residents often use this grassed pathway to access the Gude Trail. Mr. Turnbull noted that this area also includes a gas ROW.
  - Meeting attendees discussed various potential improvements along the M-NCPPC ROW behind DSS properties; however, the ending general consensus was that the existing grassed pathway appears to be fully suitable in its current state to provide access to the Gude Trail.
  - ➤ GLCC and M-NCPPC identified a saturated area along the M-NCPPC ROW behind the DSS properties. GLCC expressed access concerns across this saturated area. Mr. Turnbull indicated that the saturated area is a natural stream channel and that its existing inlet is blocked, which is limiting proper drainage flow. Mr. Wolohojian and Nick Radonic asked if this area could be covered with a foot bridge. Mr. Ligon responded the current condition may potentially be suitable as-is, and residents can continue to walk around the drainage area as they currently do. Further discussions ensued.
  - ➤ Mr. Turnbull explained how the natural stream channel and inlet should be operating and the potential logistical processes involved in a foot bridge including advantages and disadvantages. Based on experience, M-NCPPC representatives indicated that this area may

- require a natural stream channel design and permitting. Mr. Birnesser noted that the County will investigate the process and requirements for potentially improving this area; however, there are other elements to be evaluated such as needs, benefits, and costs.
- ➤ Mr. Turnbull indicated that M-NCPPC can provide general guidance on permitting requirements, processes to obtain access, and other related consultation for design solutions, etc. for the potential vegetative screening and natural stream restoration projects to the County; however, the County will need to maintain primary responsibility for both potential projects.
- ➤ Mr. Turnbull indicated that M-NCPPC can provide general support for public outreach and education efforts (similar to the Gude Trail Field Visit); however, GLCC would need to be the primary face to interact with the Derwood Station HOAs and individual homeowners.

#### 3. CLOSING REMARKS

- a. Mr. Ligon noted that he greatly appreciated the County setting up the Gude Trail Field Visit as well as M-NCPPC's participation.
- b. Mr. Foster indicated that the County would prepare meeting minutes/notes of the Field Visit that would be distributed to attendees for review and comment. Following the conclusion of the Field Visit, Mr. Birnesser and Mr. Foster indicated that the next GLCC/DEP meeting would be held in June or July 2019. The County would confirm details at a later date when Floura Teeter completes the Summary Report for the Land Reuses.
- c. Mr. Ligon mentioned to Mr. Birnesser and Mr. Lezinski that GLCC meet to discuss and conducted a general poll of the Derwood Station HOAs regarding the construction sequence for the Northwest Slope. Mr. Ligon indicated that minimal feedback was received from HOA members and the ending consensus was for the County to implement the most cost effective and shortest duration solution to construction along the Northwest Slope of the Landfill.

#### 4. SUMMARY OF REQUESTED TRAIL AREA IMPROVEMENTS FOR CONSIDERATION

- a. GLCC requested signage improvements along the Gude, Needwood, and Rock Creek trails.
- b. GLCC requested additional vegetative screening and removal of invasive species along areas of DSS that border the primary ROW and Gude Trail. The County would also research potential screening around the existing Columbia Gas Equipment Shelter.
- c. GLCC and M-NCPPC are supportive of a natural stream channel re-design of the saturated area along the M-NCPPC ROW (northwest of DSS). GLCC is supportive of investigating a footbridge across the natural stream channel area. The County will maintain primary responsibility for managing and funding the potential project, which will be evaluated by the County.

#### 5. SUMMARY OF ACTION ITEMS

- a. M-NCPPC to investigate the process and requirements for additional signage along the trails.
- b. The County to investigate the process for a separate independent project for potential vegetative screening along DSS. Also, the County to investigate if MC DOT has a tree donation program and its requirements.
- c. The County to investigate the process and requirements for implementing a natural stream channel redesign. Some of the critical factors in this decision include access/permission (the land is owned by M-NCPPC), accurately accessing the actual needs/benefits/costs, and identifying responsible parties for future maintenance of any improvements. The County will maintain primary responsibility for managing and funding the potential project, which will be evaluated by the County.
- d. County to prepare and distribute meeting minutes/notes for the Field Visit to all attendees.

## Vision and Goals

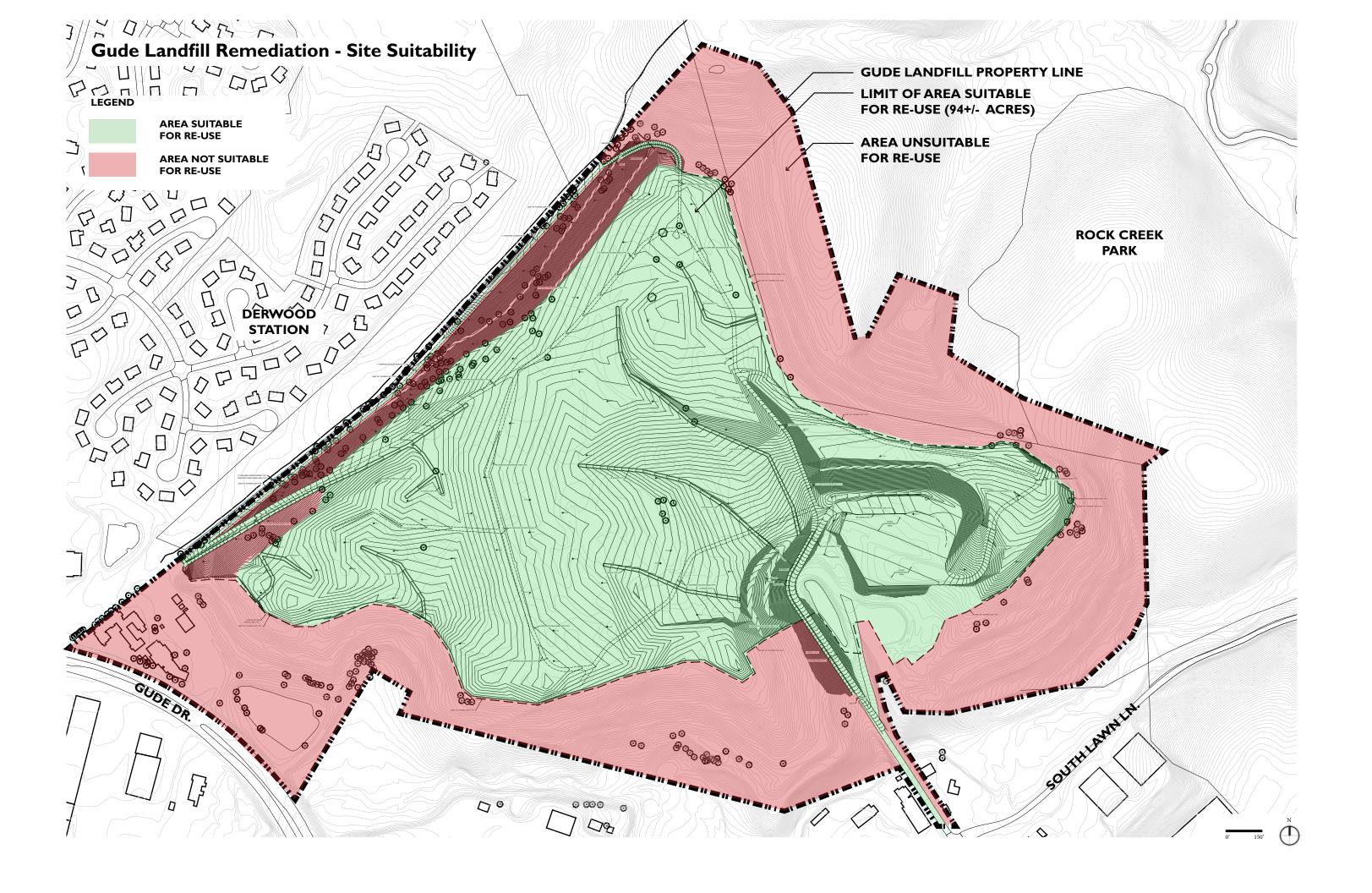
## **Vision:**

Create a park-like environment with destination trails and limited amenities to allow access to the restored landscape of the landfill.

## **Goals:**

- Maintain integrity of the landfill and allow for continued monitoring during post closure period.
- Accommodate uses to support function of Montgomery County Division of Solid Waste Services.
- Include recreation uses compatible with the landfill.
- Explore the feasibility for connections to adjacent parks/paths.
- Establish a naturalistic meadow environment and encourage the interaction of native bird species with the new floura.
- Include signage or art to celebrate the new ecology.
- Create an environment that is safe for users.
- Maintain or enhance drainage swales and other features required for landfill reclamation.





# POTENTIAL LAND USE ACTIVITIES COMPARATIVE ANALYSIS

## **HIGH SUITABILITY:**

- Natural Meadow Vegetation & Habitat
- Walking Trail System
- Dog Walking On Leash
- Birdwatching
- Kite Flying
- Art /Sculpture
- Children's Nature Play

## **MEDIUM SUITABILITY:**

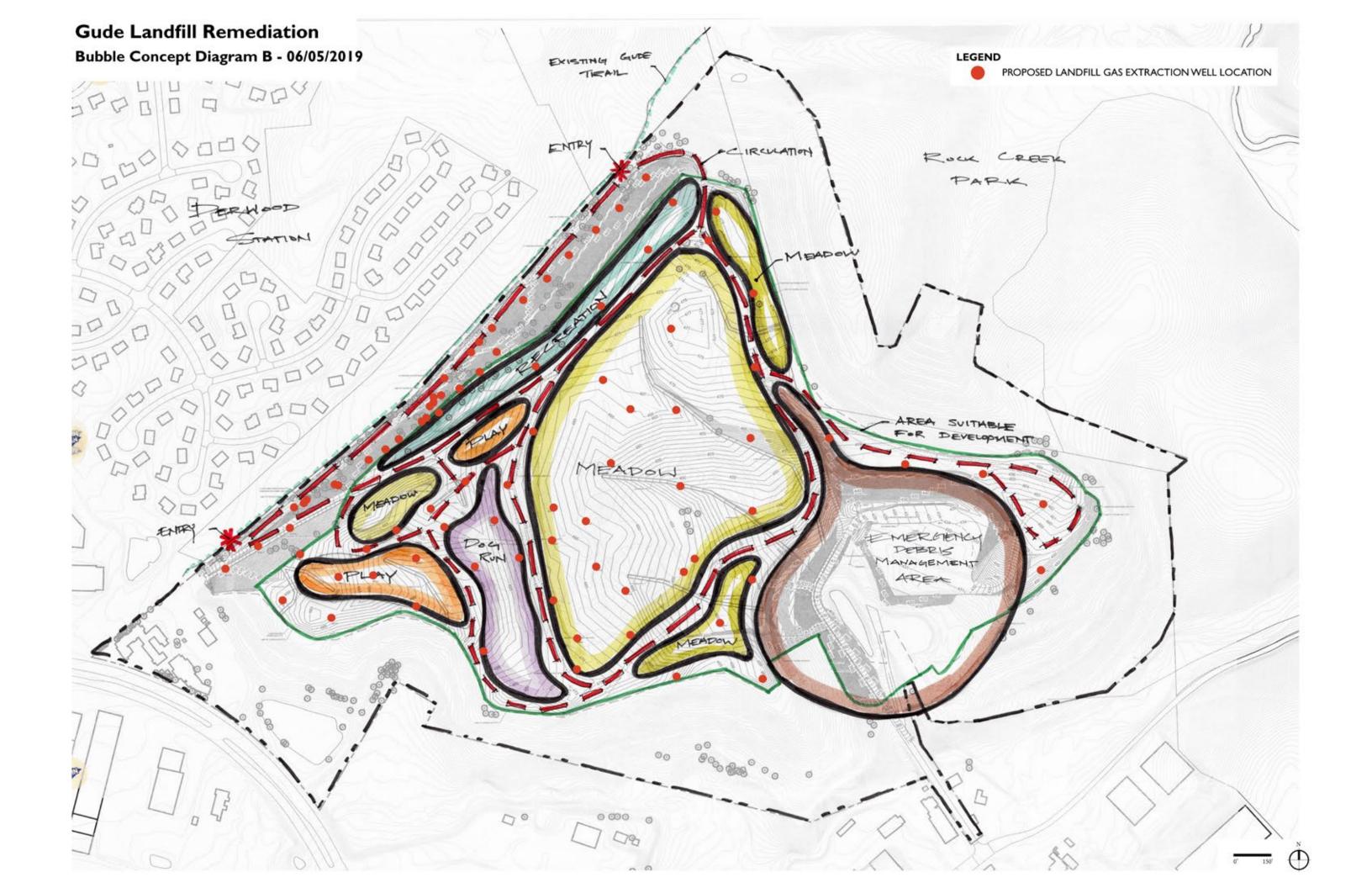
- Solar Field
- Dog Play Off Leash
- Model Airplane Flying
- Disc Golf
- Children's Playground

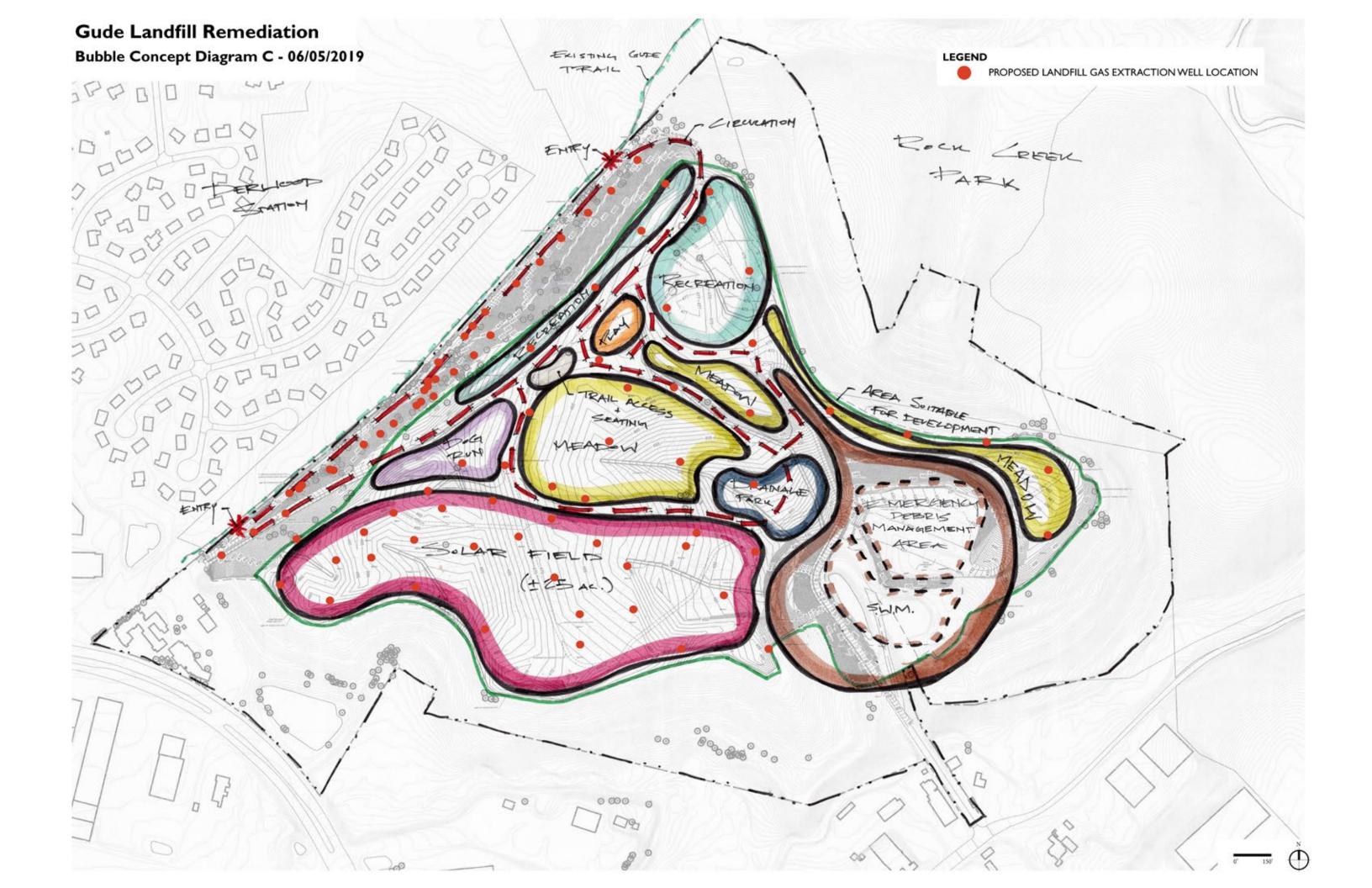
## **OPERATIONAL:**

• Emergency Debris Management Area

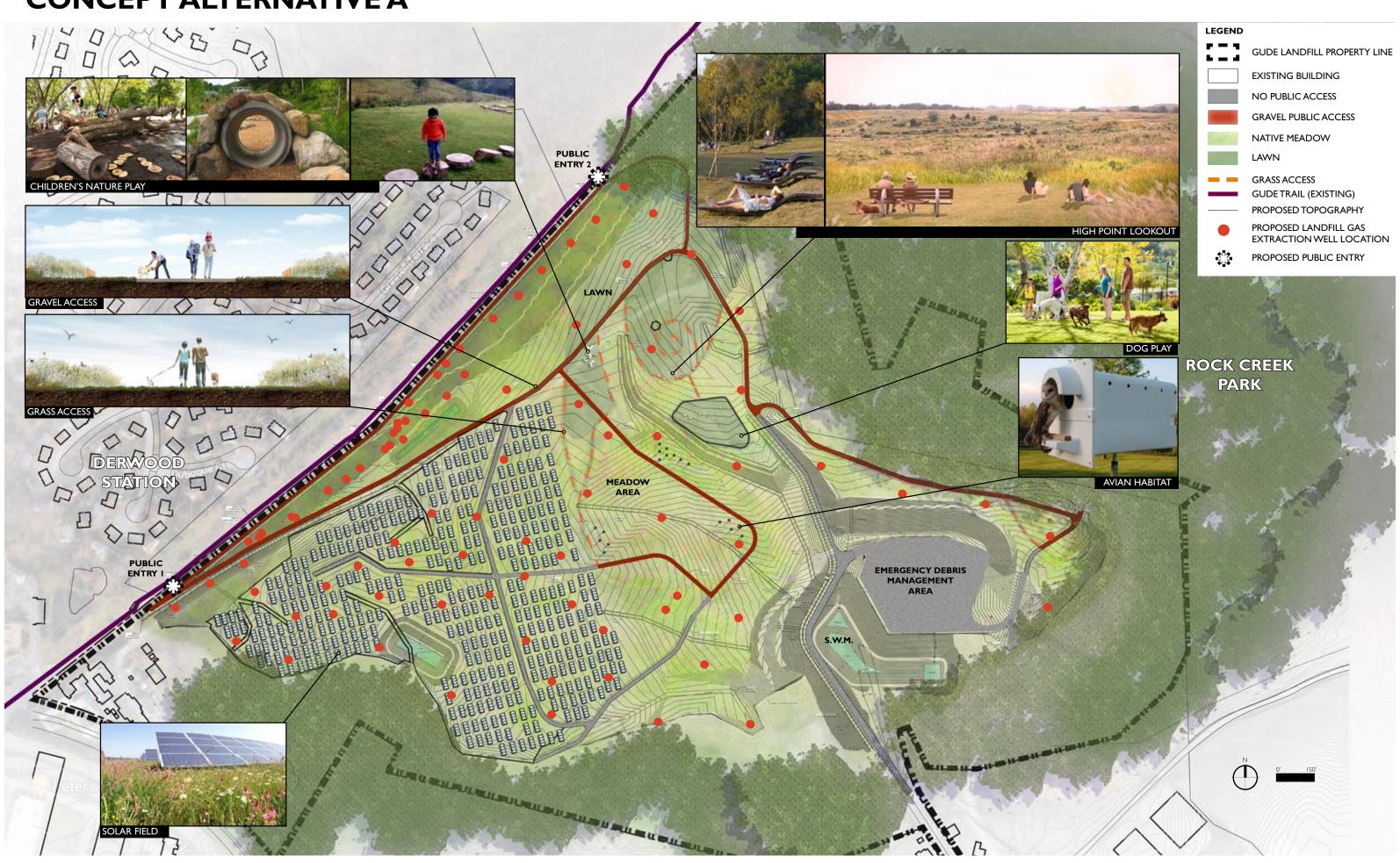
Poter	tial I	Land Use Activities	*Indicates GLCC F	referred Activity (per C	GLCC letter dated 12/1/	2016)				
#		Activity	Typical Footprint / Area Requirements	Associated Components	Impact to Landfill Remediation	Level of Maintenance	Magnitude of Cost	Noise Level Concerns	Adjacency Concerns / Separation Requirements	Overall Suitability
1	*	Natural Meadow Vegetation & Habitat	Throughout the property	Identify plant species to support habitat, educational signage	Low: No deep-rooted woody vegetation	Low: Annual mowing and trimming; spot removal of invasives	Low	Low	N/A	High
2	*	Walking - Trail System	Linear network of walking trails in a loop arrangement that overlays throughout the property	Seating, signage, surfacing	Low: Access; Typology/Level of Permanence: Impervious, Pervious, Grass	Med: Biweekly mowing of grass pathways; annual grading or replacement of pervious trails/roads	Low	Low	Connections to existing trail systems on adjacent properties: access	High
3		Dog Walking - On Leash Only	Part of walking trail system	Dog bags - carry out only	Low: Consider only providing at entrance node not on landfill cap	Low: Removal of pet waste by pet owner. Mandatory requirement for trail access by users with dogs.	Low	Low	N/A	High
4		Children's Nature Play Elements	Designated area	Play elements, seating	Low: All elements must be able to be installed without an underground footer.	Low	Low	Low	N/A	High
5	*	Birdwatching	Designated areas along trails	Seating, bird houses, perching posts, or infrastructure that might attract birds.	Low: Attract species to manage problem species	Low: Annual cleaning of bird houses	Low - Med	Low	N/A	High
6		Kite Flying	Designated area	Open space	Low	Low	Low	Low	N/A	High
7	*	Solar Panel Array	20 - 30 acres ±	Connection to grid or proposed uses onsite, efficiency and density of array layout is based on topography, solar aspect	Med: Ballast/gravel system for equipment. All elements must be able to be installed without an underground footer.	Low	High	Low	Impacts to ground surface level viewshed	High
8		Art / Sculpture	Throughout property	Depends on design: possible foundation, grading	Low: All elements must be able to be installed without an underground footer.	Low	Low-Med	Low	N/A	High
9	*	Disc Golf	250 feet per Hole	Recreation equipment, signage, restrooms	Med: All equipment must be able to be installed without a footer.	Low	Low	Low	Designated area; edge area or forested area	Med
10	*	Children's Playground	5,000± SF	Equipment	Med: All equipment must be able to be installed without a footer.	Med	Low-Med	Low	N/A	Med
11	*	Model Airplane Flying	5-10 acres ± clear zone air space	Controlled access, differentiate between flying and spectating, seating, shade, storage; Vehicle access, parking, power, water, and bathroom desirable.	Med: Maximum/minimum slope for use; vehicle access desirable	Med: Biweekly mowing of access zone	Low-Med: Previously Capital Areas Soaring Association has donated dues for mowing and insurance	Low	Designated area: may conflict with other passive uses.	Med
12	*	Dog Park - Off Leash	2 acres	Fencing and signage	High: Access, foundation for fencing and signage.	High: Designated organization to maintain; waste cleanup	Med	Med	N/A	Med
13	*	Covered Shelter	25'x25' ±	Foundation	High	Med	High	Low	N/A	Low
14	*	Community Garden Plots	1 acre	Fencing, seating, water, signage, vehicular access and parking, storage	High: Access, enhanced topsoil, enhanced protection from methane extraction/water exfiltration	High: Designated organization to maintain	Med	Low	N/A	Low
15	*	Parking / Limited Public Vehicular Access	20 parking spaces 20' x 200' = 4,000 sf. access drives 20' wide for two way access	Multiple locations for aggregate of proposed uses; connection to roadways.	High	Med: Annual maintenance, potholes, etc.	High	Med	Potential impacts to viewshed depending on placement.	Low
Plann	ed C	Operational Activities								
		Underground Methane Capture System and Monitoring Wells	Throughout property	Maintenance access; limit access by public	**	**	**	**	**	**
		Area for Emergency Debris Storage	3.5 acres ±	Municipal vehicle access, fencing	**	**	**	**	**	**



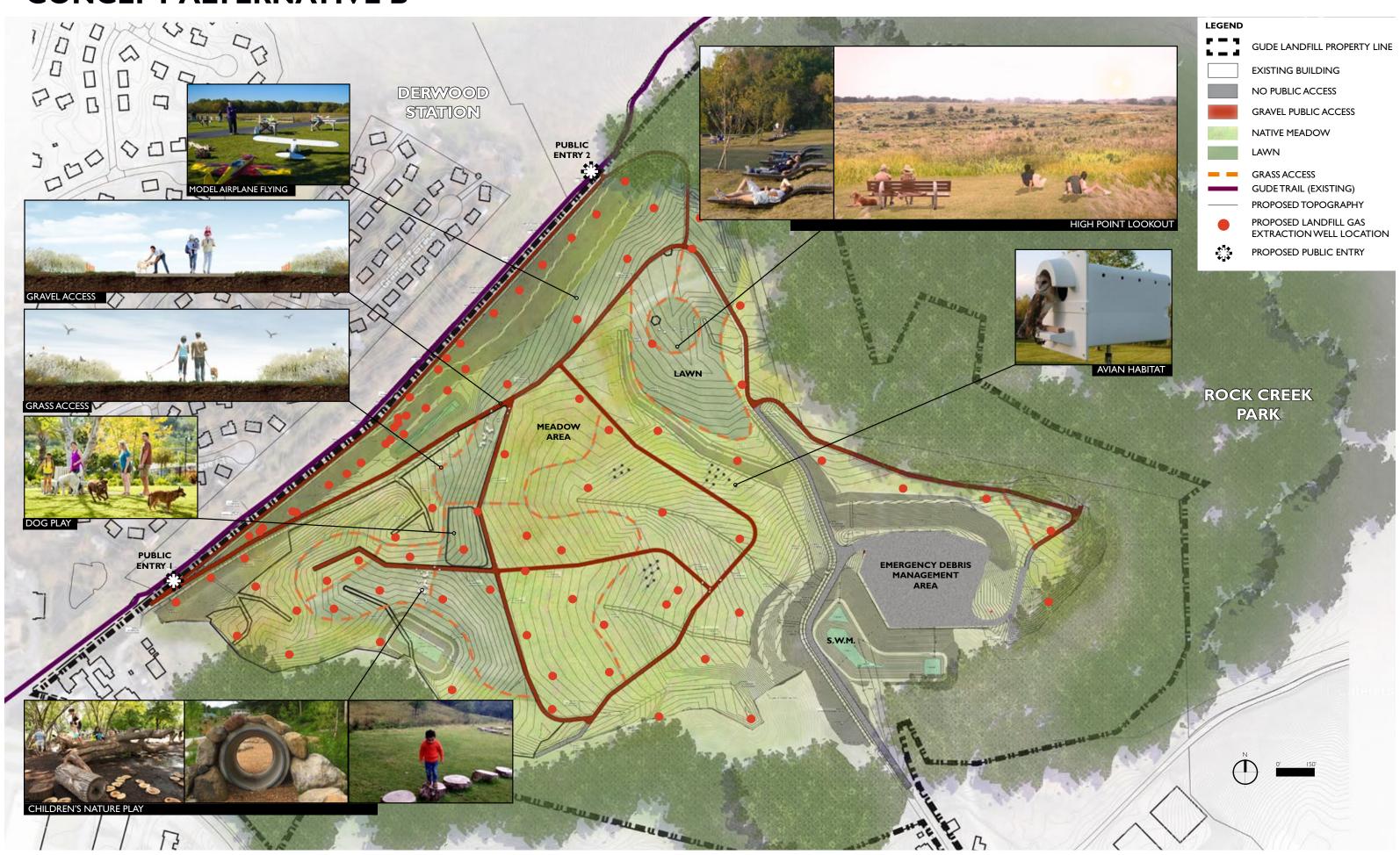




## **CONCEPT ALTERNATIVE A**



## **CONCEPT ALTERNATIVE B**



## **CONCEPT ALTERNATIVE C**

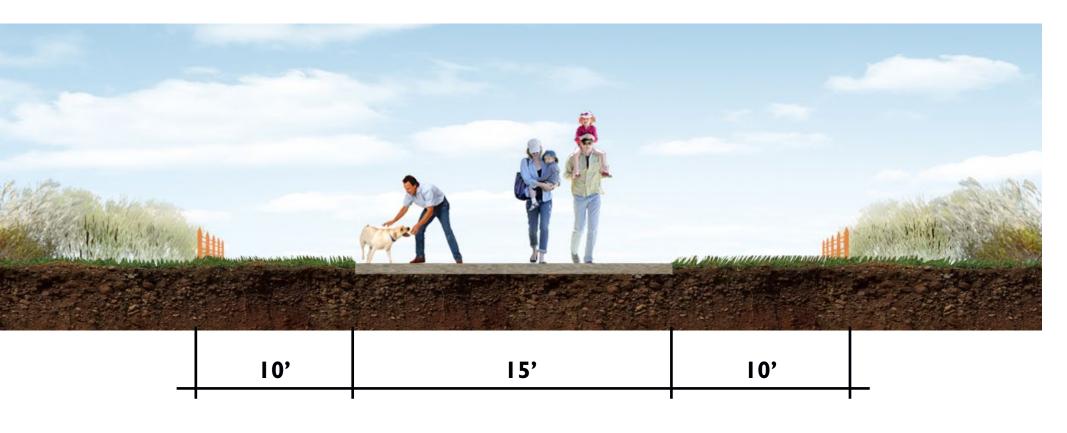


## **COMPARISON OF CONCEPT ALTERNATIVES - LAND USE ACTIVITIES**

CONCEPTA	CONCEPT B	CONCEPT C
SOLAR FIELD 30 AC	SOLAR FIELD 0 AC	SOLAR FIELD 24 AC
DOG RUN I AC	DOG RUN I AC	DOG RUN 2 AC
PLAY AREA	PLAY AREA	PLAY AREA
RECREATION 8 AC	RECREATION 17 AC	RECREATION 7 AC
MEADOW 36 AC	MEADOW 57 AC	MEADOW 41 AC
		DRAINGE PARK I AC
OPERATIONS 13 AC	OPERATIONS 13 AC	OPERATIONS 13 AC
SWM 6 AC	SWM 6 AC	SWM 6 AC

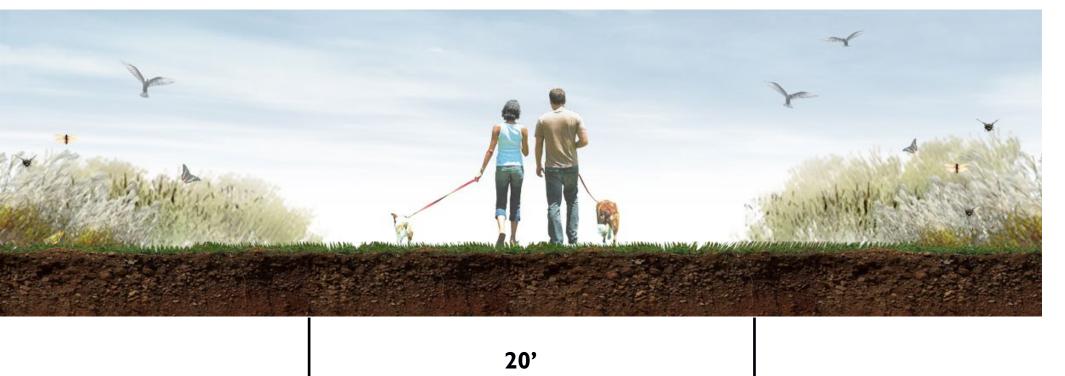


## **GRAVEL PUBLIC ACCESS**



- Multi-functional, serves both recreation access and monitoring well access
- Concept A = 9,650 If
- Concept B = 13,000 If
- Concept C = 9,050 If

## **GRASS PUBLIC ACCESS**



- Serves recreation access
- Concept A = 3,200 If
- Concept B = 7,700 If
- Concept C = 3,000 If

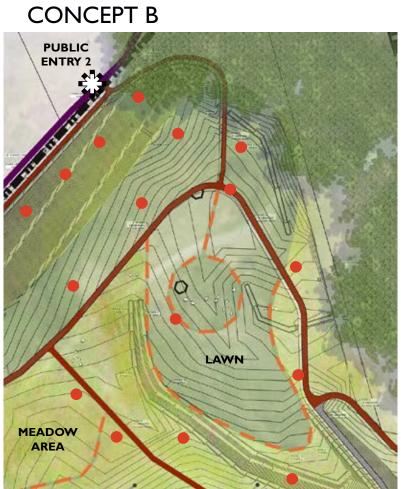
## **DESTINATION - HIGH POINT LOOKOUT**

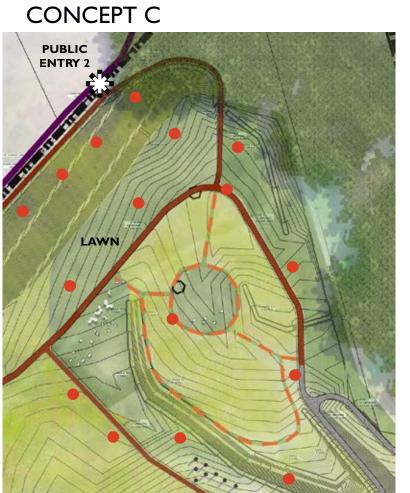


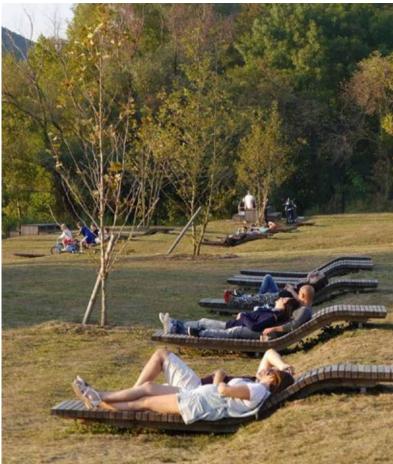
- Highest elevation on-site
- View of Rockville Skyline
- I/2 mile from Entry #I
- Less than I/4 mile from Entry #2
- Maintained Lawn /Short Meadow
- Potential Uses:
   Seating/Gathering
   Birdwatching
   Kite Flying
   Walking



**CONCEPT A** 



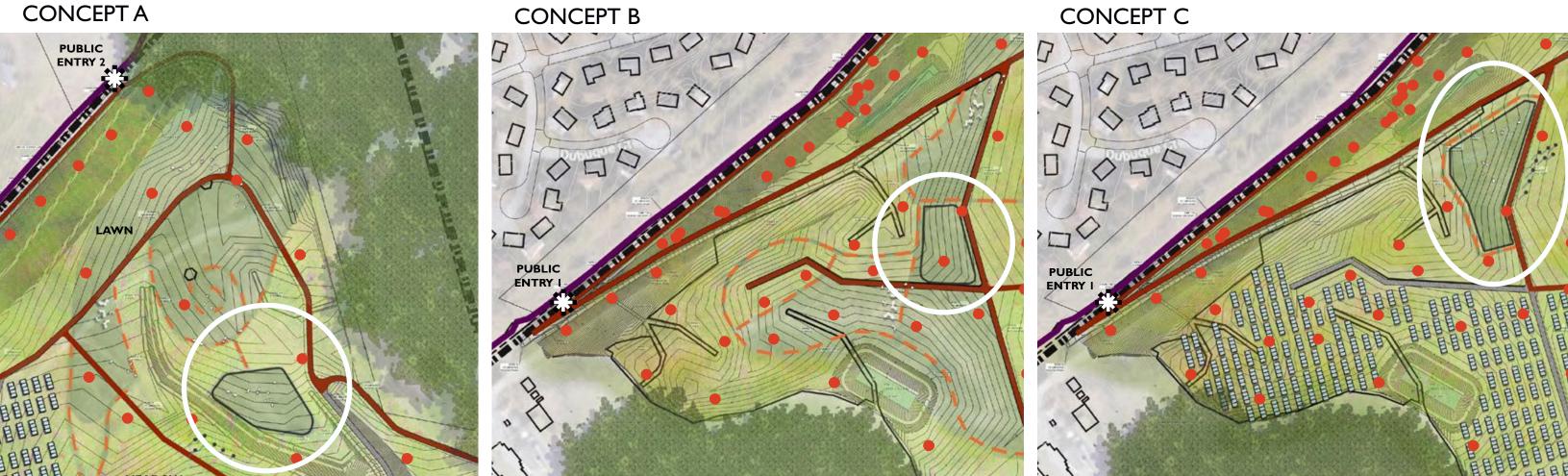




## **DESTINATION - DOG PLAY**



- Designated Area
- Fenced /Enclosed Space
- Maintained Lawn /Short Meadow
- **Concept A = 0.9** acre
- Concept B = 0.7 acre
- Concept C = 2.0 acre



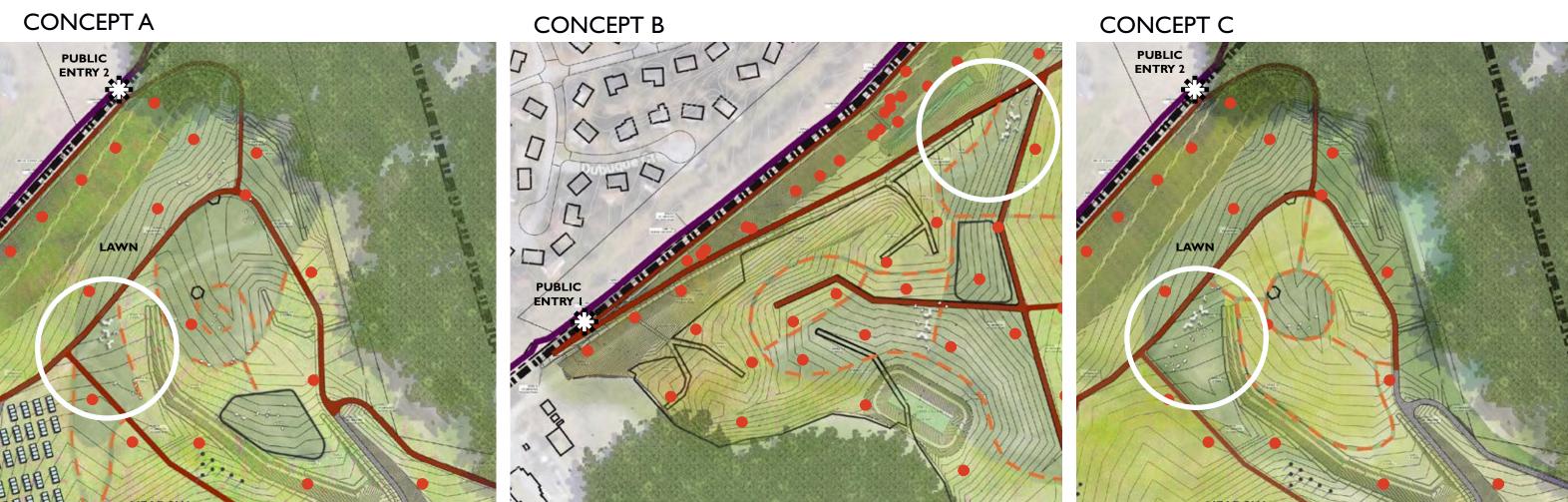
## **DESTINATION - CHILDREN'S NATURE PLAY**







- Designated Area
- Nature Play Elements
- Maintained Lawn / Mulched Area
- Easy to access /High visibility
- Concept **A** = 0.25 acre
- **Concept B = 0.25** acre
- Concept C = 0.5 acre



## **NATIVE MEADOW PLANTING /HABITAT**





- Open Field
- Native Meadow Planting
- Avian Habitat /Bird Boxes
- Educational Signage
- Wayfinding Signage
- Meadow Waystation /Seating
- Art /Sculpture
- Concept A = 36 acre
- Concept B = 57 acre
- Concept C = 41 acre







## **NEXT STEPS**

- PROGRESS DESIGN TO A PREFERRED CONCEPT PLAN
- PREPARE THE SUMMARY REPORT DOCUMENTING THE MASTER PLAN PROCESS AND PREFERRED CONCEPT PLAN
- INCORPORATE DESIGN OF RECREATION USES INTO THE CONSTRUCTION DOCUMENT SET
- INVESTIGATE AND INVENTORY EXISTING AVIAN SPECIES TO INFORM HABITAT RESTORATION

## **HOW YOU CAN HELP**

- PROVIDE INPUT AND PREFERENCES FOR CONCEPT PLAN ALTERNATIVES BY COMPLETING THE PREFERENCES SURVEY
- PARTICIPATE IN FIELD WALKS LED BY FLOURA TEETER, IN PARTNERSHIP WITH MONTGOMERY BIRD CLUB TO CONDUCT BIRD COUNTS: FALL AND SPRING PRE-CONSTRUCTION



#### **CONCEPT PLAN ALTERNATIVES - INPUT AND PREFERENCES**

Consider providing input on the Concept Plan Alternatives and describe your preferences for the Gude Landfill Remediation site.

The Concept Plan Alternatives illustrate how the potential land use activities physically layout on the site. Feedback on these alternatives will be important to the design team as we advance to a single Preferred Concept.

All Concept Alternatives include the following land uses:

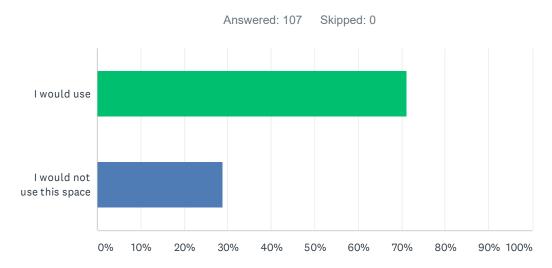
- Emergency Debris Management Area
- Natural Meadow Vegetation & Habitat
- Walking Trail System
- Dog Walking- On Leash
- Birdwatching

In addition to those listed above, please help us understand your preferences for land use activities at the Gude Landfill site by answering the following questions.

#### **QUESTIONS:**

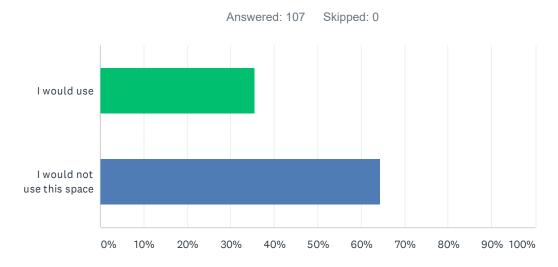
Lookout:   I would use	$\square$ I would not use th	is space
***************************************		
Fenced /Off-Leash): 🛭 I w	ould use 🛚 I would	not use this space
		4-40
Nature Play: □ I would use	e □ I would not use	this space
Model Airplane Flying	Art/Sculpture	Kite Flying
of a solar field impact how	you use the recreation	on amenities?
	above? Circle the following  Model Airplane Flying	ferences for maintained recreation areas in add above? Circle the following activities that you Model Airplane Flying Art/Sculpture of a solar field impact how you use the recreation

## Q1 High Point Lookout:



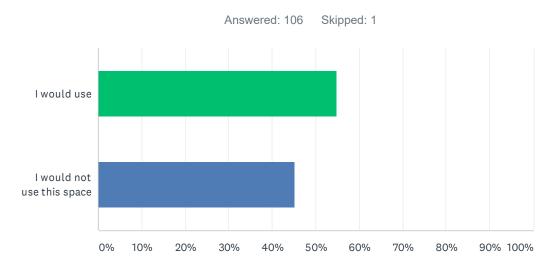
ANSWER CHOICES	RESPONSES	
I would use	71.03%	76
I would not use this space	28.97%	31
TOTAL		107

## Q2 Dog Play (Fenced /Off-Leash):



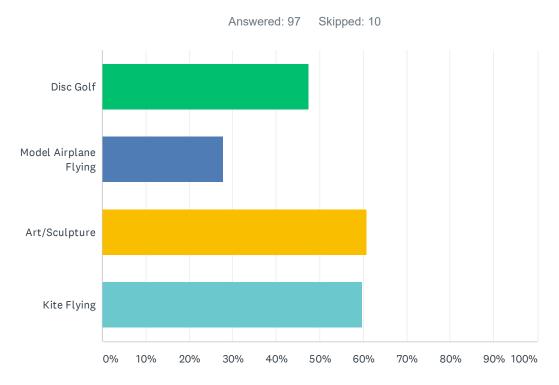
ANSWER CHOICES	RESPONSES
I would use	35.51% 38
I would not use this space	64.49% 69
TOTAL	107

## Q3 Children's Nature Play:



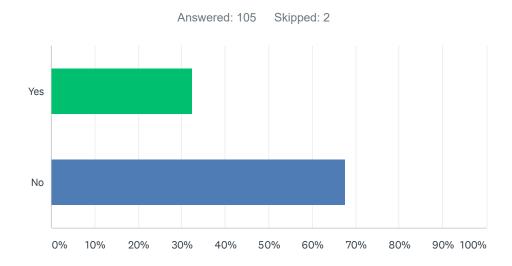
ANSWER CHOICES	RESPONSES	
I would use	54.72% 58	
I would not use this space	45.28% 48	
TOTAL	106	

Q4 Which of the following are your preferences for maintained recreation areas, in addition to the destinations listed above? Check the following activities that you would use. Choose all that apply.



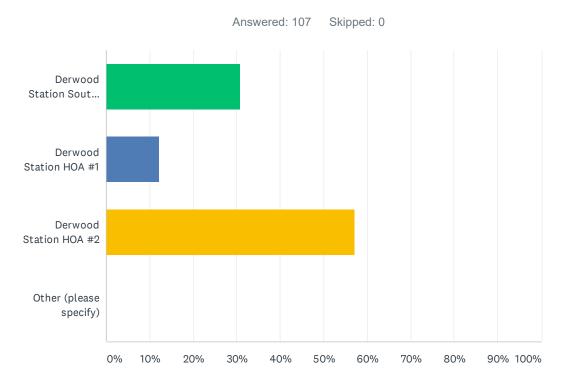
ANSWER CHOICES	RESPONSES	
Disc Golf	47.42%	46
Model Airplane Flying	27.84%	27
Art/Sculpture	60.82%	59
Kite Flying	59.79%	58
Total Respondents: 97		

# Q5 Will the presence of a solar field impact how you use the recreation amenities?



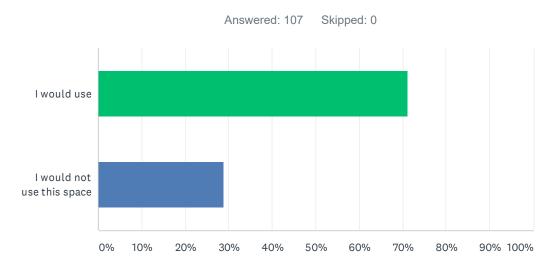
ANSWER CHOICES	RESPONSES	
Yes	32.38%	34
No	67.62%	71
TOTAL		105

## Q6 Which Homeowners Association do you belong to?



ANSWER CHOICES	RESPONSES	
Derwood Station South HOA	30.84%	33
Derwood Station HOA #1	12.15%	13
Derwood Station HOA #2	57.01%	61
Other (please specify)	0.00%	0
Total Respondents: 107		

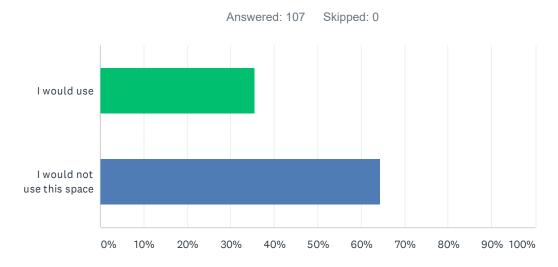
## Q1 High Point Lookout:



ANSWER CHOICES	RESPONSES	
I would use	71.03%	76
I would not use this space	28.97%	31
TOTAL		107

#	COMMENTS	DATE
1	Recreational activities, including walking.	7/28/2019 9:45 PM
2	Sounds like a nice spot to sit and relax, have a snack, and view the surrounding area.	7/27/2019 10:32 AM
3	The plans provide a good sense of how the space will look.	7/27/2019 10:13 AM
4	The ocation lacks sceenic site for creating a high lookout	7/26/2019 4:44 PM
5	would use if it was part of a walking trail	7/26/2019 7:41 AM
6	Natural Meadow Vegetation & Habitat Walking – Trail System Birdwatching	7/25/2019 12:33 PM
7	I'd still like to know exactly what the site would look like.	7/24/2019 3:49 PM
8	I might go look at the lookout but would not frequent it.	7/24/2019 2:49 PM
9	Depends - if this is just on open space with some benches, then no. If other use opportunities are provided - shelter/pavilions, garden, jogging path, workout stations, etc. then definitely more appealing.	7/24/2019 2:18 PM
10	This is a feature that would be exposed to the elements during times of the year when some type of shade structure/feature should be helpful. A gazebo or two, with legs set in concrete tubs to avoid disrupting the proposed geo cap might do the trick.	7/24/2019 2:14 PM
11	Not sure what this is??? Maybe I would use it if I knew what it was.	7/24/2019 1:44 PM
12	No need for it for me or anyone in my family	7/24/2019 12:06 PM
13	Hopefully, access to this location will be convenient!	7/24/2019 11:13 AM
14	Quite often.	7/24/2019 10:30 AM
15	Been there, its a nice view	7/23/2019 9:36 PM

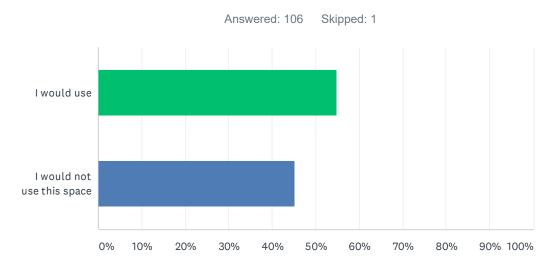
## Q2 Dog Play (Fenced /Off-Leash):



ANSWER CHOICES	RESPONSES
I would use	35.51% 38
I would not use this space	64.49% 69
TOTAL	107

#	COMMENTS	DATE
1	While *I* might not use it, I think it's a very useful and desirable feature. It's a safe place for dogs to romp and that in itself is a sight I'd go see, even though we don't have a dog (yet).	7/27/2019 10:32 AM
2	I don't have a dog. But think this feature is quite useful for our community.	7/27/2019 10:13 AM
3	The density of housing in the area is minimal	7/26/2019 4:44 PM
4	i wouldn't use it but I think it's a good idea	7/26/2019 7:41 AM
5	If I had a dog I would use it.	7/25/2019 11:24 PM
6	I would want updated information on the quality of the soil regarding contaminants from landfill materials before taking a pet to the Dog Play area.	7/25/2019 1:06 PM
7	Current dog too old. Might use if there's another dog in the future.	7/25/2019 10:12 AM
8	I don't believe many residents would use this for that purpose. Here they seem to be rude and lazy and walk their dogs on peoples lawns. Horrible neighbors	7/24/2019 3:49 PM
9	Very occasional at most.	7/24/2019 2:49 PM
10	Have dogs. Always looking for interesting places to walk them.	7/24/2019 2:49 PM
11	Sureif I had a dog.	7/24/2019 2:14 PM
12	This is a fabulous idea!	7/24/2019 1:44 PM
13	We don't have a dog, but I like the idea for dog owners to off an off-leash location.	7/24/2019 1:08 PM
14	Great idea	7/24/2019 12:06 PM
15	I do not have a dog, so would not use, but I think it could still be a worthwhile use of the space	7/24/2019 11:46 AM
16	I no longer have a dog, but it's a good idea.	7/24/2019 11:13 AM
17	I am opposed.	7/24/2019 10:50 AM
18	I walk my dogs on leash in my neighborhood. My dogs are fearful of other strange dogs - plus I don't need to expose them to more instances to get doggie viruses.	7/24/2019 10:47 AM
19	My children might use it with their dogs.	7/24/2019 10:44 AM
20	A few alternative suggestions include a skate park, indoor bubble tennis courts, community garden.	7/24/2019 10:27 AM
21	no dog	7/23/2019 9:36 PM
22	Strong preference for the largest configuration; it should be the dog park area whichever option is selected.	7/22/2019 4:18 PM

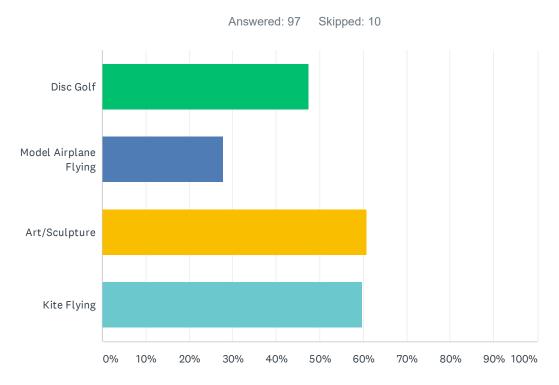
## Q3 Children's Nature Play:



ANSWER CHOICES	RESPONSES	
I would use	54.72% 58	
I would not use this space	45.28% 48	
TOTAL	106	

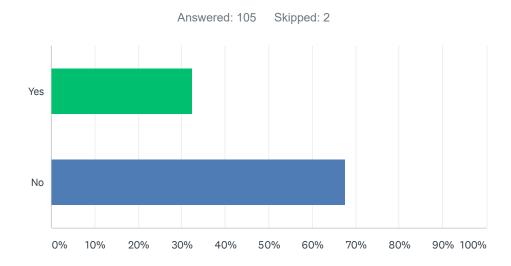
#	COMMENTS	DATE
1	If I was a child I would use it.	7/30/2019 10:42 PM
2	Maybe we could finally have a playground that is suited for older children.	7/28/2019 10:09 AM
3	Not that it isn't a good idea, but I don't have children.	7/27/2019 8:16 PM
4	I would use this space if our young relatives visit, and it's certainly a very desirable feature.	7/27/2019 10:32 AM
5	We don't have children, but this would be a nice draw for the families in the neighborhood.	7/27/2019 10:13 AM
6	Accessibility to the area is not easy. The area may be not the best for children because of the uncertainity what is below the ground level	7/26/2019 4:44 PM
7	Again, as a neighboring resident, I would need to have updated information on the quality of the subsoils vis a vis landfill leeching, etc. before bringing children to the Children's Nature Play area.	7/25/2019 1:06 PM
8	When grandchildren visit.	7/25/2019 10:12 AM
9	We have no children but the community has a playground. Kids would have to be driven to the site. Most kids here don't seem to play outdoors but rather stay in playing on their computers, etc.	7/24/2019 3:49 PM
10	Children are adults, no grandchildren.	7/24/2019 3:03 PM
11	No children.	7/24/2019 2:49 PM
12	This amenity would be the largest factor in my family using this recreational site. Hopefully this will be a unique and exciting opportunity to engage kids with a variety of activities.	7/24/2019 2:18 PM
13	Sureif I had young children. It would also be an activity-based destination for play groups or youth organizations, like Cub Scouts, etc.	7/24/2019 2:14 PM
14	My kids are grown.	7/24/2019 1:44 PM
15	Our daughter is too old for this, but I love the idea.	7/24/2019 1:08 PM
16	No children in our household	7/24/2019 12:06 PM
17	Definitely	7/24/2019 12:06 PM
18	I'm looking forward to having grandchildren use this space.	7/24/2019 11:13 AM
19	While I may not use the space in this manner, I encourage it.	7/24/2019 10:50 AM
20	No small children.	7/24/2019 10:47 AM
21	Depends on the quality of the cap. I need to know that grandchildren cannot ingest or absorb any harmful materials	7/24/2019 10:44 AM
22	Mine are grown up	7/23/2019 9:36 PM

Q4 Which of the following are your preferences for maintained recreation areas, in addition to the destinations listed above? Check the following activities that you would use. Choose all that apply.



ANSWER CHOICES	RESPONSES	
Disc Golf	47.42%	46
Model Airplane Flying	27.84%	27
Art/Sculpture	60.82%	59
Kite Flying	59.79%	58
Total Respondents: 97		

# Q5 Will the presence of a solar field impact how you use the recreation amenities?

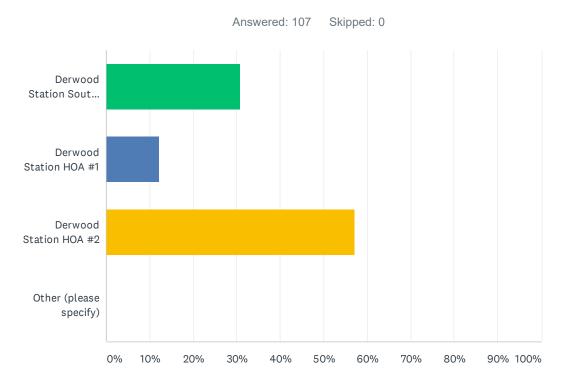


ANSWER CHOICES	RESPONSES	
Yes	32.38%	34
No	67.62%	71
TOTAL		105

	50 million trees in a 12 hour time frame, as well as all the global	DATE
	50 million troop in a 12 hour time frame, as well as all the global	
	y's carbon footprint, we should reforest the majority of the space.	7/30/2019 10:42 PM
2 If it is too close to the reside	nces	7/28/2019 10:40 PM
3 Not too much of an impact th	nough. Wouldn't want the children to be able to access.	7/28/2019 10:09 AM
4 It restricts the amount of gra would ruin the High Point loc	vel and grass public access for biking and walking. In addition, it skout view.	7/27/2019 12:53 PM
5 I assume the topography, so reduce the impact of a solar	ale of the open space and restricted access would by design array.	7/27/2019 10:13 AM
6 It will trap heat around the H areas.	OA residence areas, also it will affect the Outlook of the recreation	7/26/2019 5:18 PM
7 don't really know based on the	nis info	7/26/2019 7:41 AM
8 It uses space, it will probably	b unsightly	7/25/2019 8:44 PM
9 I'd rather have more solar er	nergy than a park that no one is going to use.	7/25/2019 6:27 PM
potentially strong reflected (I	could have a significant impact on recreation amenities in terms of blinding?) light on sunny days. Also, it will be critical to know what County, businesses, etc get the financial benefit of the solar field	7/25/2019 1:06 PM
	iet place and more nature; the area has been dumping ground for ould be just one more eye sore and industrial type usage.	7/25/2019 12:33 PM
much rather see some land or precludes structures that mig	devoted to a community gardening area. I understand that the cap ght penetrate it but provision of shade (trees and/or shade er are essential for recreational use, particularly for children and for	7/25/2019 10:12 AM
13 The solar field is distracting	and does not blend well with a natural setting.	7/24/2019 11:15 PM
14 I think a solar field would be	a good use. Who would benefit from the power generation?	7/24/2019 6:56 PM
15 Bring on the solar field!		7/24/2019 4:08 PM
16 Without further info. cannot a	answer.	7/24/2019 3:49 PM
17 I approve of solar.		7/24/2019 2:49 PM
18 Would detract from the ambi	ance of the area and therefore the use	7/24/2019 2:41 PM
use of the site. If it feels like	nd visual impact, I believe this would be a significant determinant in the solar field is the primary use with all the recreational activities ional component won't be an attractive destination amenity.	7/24/2019 2:18 PM
	would help maintain the electric connection at the landfill gas to apacity might be small in relative terms, but adding non-polluting an advisable thing.	7/24/2019 2:14 PM
You should explain what a so other self explanatory activities	plar field is, how much space it occupies, and whether it affects es this survey mentions.	7/24/2019 2:03 PM
22 I would be happier with solar	:	7/24/2019 1:45 PM
23 I would love to see renewab	e energy at work!	7/24/2019 1:44 PM
24 i PREFER MORE RECREAT	TON AREA THAN SOLAR AREA	7/24/2019 12:53 PM
The area would be fenced O	ff anyway.	7/24/2019 12:06 PM
26 Maybe- depending on where separated enough, I think m	the solar field was with regard to area for flying kites, etc. but if ultiple features can coexist	7/24/2019 11:46 AM
27 I support solar solutions 100	%. Is wind power a feasible option?	7/24/2019 11:13 AM

(	Gude Landfill Remediation Site	SurveyMonkey
28	I suggest erecting wind turbines, as well.	7/24/2019 10:50 AM
29	As long as it did not take up the whole area.	7/24/2019 10:47 AM
30	I strongly support creating a solar field on the landfill. I wish this survey specifically posed this possibility.	7/24/2019 10:45 AM
31	I assume that the areas will be separated by some kind of barrier.	7/24/2019 10:44 AM
32	Even though it is a good idea, I think it will take away the purpose of this.	7/24/2019 10:30 AM
33	I expect it to be closed off, and only occupy a portion of the field area. In addition I would support the use of solar electricity generation.	7/23/2019 9:36 PM
34	Takes away from available recreation space, while imposing an industrial zone. Detracts from meadow use.	7/22/2019 4:18 PM

## Q6 Which Homeowners Association do you belong to?



ANSWER CHOICES	RESPONSES	
Derwood Station South HOA	30.84%	33
Derwood Station HOA #1	12.15%	13
Derwood Station HOA #2	57.01%	61
Other (please specify)	0.00%	0
Total Respondents: 107		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	