



Homeowner Interview and Site Assessment

General Information

Date: xx/xx/19 Assessed by: MXXXX

Homeowner Name: XXXXXXXXXXXXX

Address XXXXXXXX, Ellicott City

Phone XXXXXXXXXX email: XXXXXXXXXX

Homeowner Association: n/a

Watershed: Little Patuxent

Observed Weather Conditions Dry, sunny

Rain in the past 24 hours? Yes **No** (circle one)

Home has

- Well water
- City water**
- Septic field (sketch drainage field, if known)
- Sanitary sewer service**

Is Owner

- Willing to construct and maintain a retrofit? **yes**
- Likely to use contractor? **yes**
- Knowledgeable of problem? **yes**

Homeowner Identified Issues: describe and/or sketch on map and/or include photo(s)
(Note positions of any utilities and devices, such as electric, phone, heat pumps, etc.)

Water runoff collects on patio in back and sidewalk in front. Can see areas in yard where erosion is occurring. We would like to have an assessment done and discuss plans for remediation.

General Site Conditions

Soil Description

- Soil Type (non-Urban) and components (list all) from Howard County soil table/GIS _
Glenelg Urban Land Complex
- % Sand **42.1**

- 1. % Silt **37.9**
- % Clay **20.0**
- % Urban soil **35**
- Soil Hydrologic type (non-Urban components) ___% A, **45**% B, ___% C, **35**% D
- Is homeowner willing to conduct a test to determine rate of water infiltration, if a rain garden is recommended (with help of Steward)? **yes**
 - If possible, complete infiltration test
 - Infiltrate? Yes No Rate of infiltration:
- High groundwater (e.g., wet spot during dry weather)?
Describe_____

Sun *Description*

- Full Sun **front**
 - Partial Sun **rear, sides**
 - Shade
 - Mixture
- Repeat for each applicable side of house (East, West, North, South) or Front, Back, and Right, Left (when facing front).

Vegetation *Description* (Indicate on map, as needed)

- Mature trees (% of Property: **>50**)
 - Are trees mulched to drip line? (% of trees so mulched? **0**)
- Turf grass (% of Property: **>75**)
 - Healthy turf
 - Mixture of grasses
 - Mixture of grasses and broadleaf weeds **yes**
 - Other _____
- Bare Spots (% of Property **<20**)
- Invasive species (% of Property: **<10**)
- Mulched beds (shrubs, herbaceous plants) (% of Property: **<15**)
- Does homeowner use a lawn service for fertilization and lawn maintenance? **no**
 - How often _____
- Does homeowner use a lawn service for pest control? **no**
 - How often _____
- Has homeowner had a recent soil test (within last 3 years)? **no**
 - If property is in Columbia Association, explain availability of free soil test. **n/a**

Terrain *Description* (show contours on aerial image of property)

- Steep Slopes (greater than 8 – 10%) **yes**
- Moderate Slopes (<8%) **yes**
- Flat **yes**

Water Flow *Description* (Indicate on map, with sketch or photos)

Observed flows (document with sketch or photo)

- Are eroded areas visible on property? **yes**
- Is there evidence of debris deposited on property? **no**
- Homeowner sees stormwater creating “streams” on his property? **yes**
- Homeowner sees concentrated stormwater running into the street? **no**
- Homeowner sees concentrated stormwater running into a nearby stream **no**
- Homeowner sees concentrated stormwater entering his site. **yes**

Ponding (document with sketch or photo)

- Homeowner sees pond(s) on his property caused by stormwater? **yes**
 - If yes, where does it form? **northeast corner along north property line**
 - If yes, how does homeowner describe size and duration of pond? **significant**
- Document any evidence of problem(s) (sketch or photo of area). **See report**
- Is ponding a severe problem (e.g., can mosquito eggs mature to adults before pond disappears)? **unk**

Downspout locations (indicate each downspout on map)

- Are downspouts going into the ground? **no** Describe
 - Are the outlets known? **yes** Describe
- Are downspouts discharging onto impervious surface? **no** Describe
- Are downspouts discharging onto grass? **Yes** Describe.
- Are downspouts discharging into garden beds or rain gardens? **yes** Describe.
- Describe, for each downspout, possible BMPs **see report**

Pollution Sources *Description*

- Is pet waste visible? **no**
- Are chemicals used on lawn by owner or contractor? **no**
- Bare soil? **yes**
- Is a swimming pool present? **no**
- Are pavement and sidewalks in good condition **yes**
- Other (e.g., if on septic system, is system maintenance scheduled regularly?) **n/a**

Opportunities for Retrofit

- | | | |
|---|--|---|
| <input type="checkbox"/> Cistern/rain barrel | <input type="checkbox"/> Conservation Landscape | <input type="checkbox"/> Remove impervious area |
| <input type="checkbox"/> Downspout disconnect | <input type="checkbox"/> Planter box | <input type="checkbox"/> Swale/bioswale |
| <input type="checkbox"/> Drainage diversion | <input type="checkbox"/> Permeable pavement | <input type="checkbox"/> Turf conversion |
| <input type="checkbox"/> Green roof | <input type="checkbox"/> Rain garden | <input type="checkbox"/> Other – dry creek bed |