Stormwater Assessment Report

Project:_____

Owner/Developer: _____

Consultant:_____

Assessment Item	***Anticipated Engineering Effort***		
	Minor	*Moderate*	*Significant*
1. Soils - On-site soils have low permeability, high water table, or other limitations that could adversely affect adequate stormwater management for the proposed project.	☐	☐	☐
2. Runoff Potential - Change in land cover due to removal of trees, increases in impervious cover, etc. could adversely affect adequate stormwater management for the proposed project.	☐	☐	☐
3. Water Resource Protection - Site conditions may adversely affect runoff reduction and/or pollutant loading reductions.	☐	☐	☐
4. Sump Conditions - Existing topography of site creates depressional areas (closed 2' contours) where runoff tends to collect without direct discharge.	☐	☐	☐
5. Discharge Points - Areas where stormwater runoff leaves the site have limitations due to low gradient, backwater effects, lack of a defined channel or other hydraulic limitations.	☐	☐	☐
6. Off-Site Drainage - Areas draining into the site could adversely affect adequate stormwater management for the proposed project.	☐	☐	☐
7. Conveyance - Downstream conditions such as inadequate pipe or channel capacity could limit adequate drainage from the site.	☐	☐	☐

Mitigation under consideration for “Significant” ratings:

- ☐ Over-management
- ☐ Off-site improvements
- ☐ Easement(s)
- ☐ Offset Option
- ☐ Other: _____

Reporting Agency: _____

Contact Person: _____

Date of Project-Application Meeting: _____

Assessment Item	***Rating Criteria***		
	Minor	*Moderate*	*Significant*
1. Soils - On-site soils have low permeability, high water table, or other limitations that could adversely affect adequate stormwater management for the proposed project.	<15% of developed portion of the site has soils with limitations to development	15% - 50% of developed portion of the site has soils with limitations to development	>50% of developed portion of the site has soils with limitations to development
2. Runoff Potential - Change in land cover due to removal of trees, increases in impervious cover, etc. could adversely affect adequate stormwater management for the proposed project.	<25% existing woods/meadow to be disturbed **OR** <25% proposed increase in impervious area	25%-50% existing woods/meadow to be disturbed **OR** 25%-50% proposed increase in impervious area	> 50% existing woods/meadow to be disturbed **OR** > 50% proposed increase in impervious area
3. Water Resource Protection - Site conditions may adversely affect runoff reduction and/or pollutant loading reductions.	<15% of developed portion of the site has RR Feasibility rating of Low or Low-Mod **OR** For areas not mapped for RR Feasibility, <15% of developed portion of site has water table <36" (100cm) or HSG "C" or "D" soils	15% - 50% of developed portion of the site has RR Feasibility rating of Low or Low-Mod **OR** For areas not mapped for RR Feasibility, 15% - 50% of developed portion of site has water table <36" (100cm) or HSG "C" or "D" soils	>50% of developed portion of the site has RR Feasibility rating of Low or Low-Mod **OR** For areas not mapped for RR Feasibility, >50% of developed portion of site has water table <36" (100cm) or HSG "C" or "D" soils
4. Sump Conditions - Existing topography of site creates depressional areas (closed 2' contours) where runoff tends to collect without direct discharge.	0% of site area drains to sump areas	≤50% of site area drains to sump areas	>50% of site area drains to sump areas
5. Discharge Points - Areas where stormwater runoff leaves the site have limitations due to low gradient, backwater effects, lack of a defined channel or other hydraulic limitations.	Zero (0) site discharge points with identified problems	At least one (1) site discharge point with an identified problem **OR** < 50% of site area drains to a discharge point with an identified problem	Multiple (more than 1) discharge point with an identified problem **OR** >50% of site area drains to a discharge point with an identified problem **OR** Lack of easements and/or alteration of drainage patterns could raise potential "right-to-discharge" issues.
6. Off-Site Drainage - Areas draining into the site could adversely affect adequate stormwater management for the proposed project.	<25% offsite area relative to site area draining onto site	25% - 50% offsite area relative to site area draining onto site	>50% offsite area relative to site area draining onto site
7. Conveyance - Downstream conditions such as inadequate pipe or channel capacity could limit adequate drainage from the site.	Zero (0) known historic drainage problems **AND** Zero (0) in-line structures prior to the 10% analysis point	At least one (1) known historic drainage problem **OR** At least one (1) in-line structure prior to the 10% analysis point	Multiple (more than 1) known historic drainage problems **OR** Multiple (more than 1) in-line structures prior to the 10% analysis point **OR** Stream channel condition degraded due to vegetation, slope, erosion, etc.

Total site area (ac): _____
Total LOD area (ac): _____

Assessment Item	*Rating Value*			
	Number	Yes/No	Acres	%
1. Soils - On-site soils have low permeability, high water table, or other limitations that could adversely affect adequate stormwater management for the proposed project.				
1.1 Hydric Soils within LOD (ac)				
1.2 Drainage class "Poorly drained" or "Very poorly drained" within LOD (ac)				
1.3 Hydrologic Soil Group "D" within LOD (ac)				
1.4 Depth to water table < 100 cm within LOD (ac)				
1.5 Flood frequency class "Frequent" or "Very frequent" within LOD (ac)				
1.6 Ponding frequency class "Frequent" within LOD (ac)				
1.7 Max. acreage for items 1.1 to 1.6 above within LOD (ac)				
2. Runoff Potential - Change in land cover due to removal of trees, increases in impervious cover, etc. could adversely affect adequate stormwater management for the proposed project.				
2.1 Existing wooded or meadow areas to be disturbed within LOD (ac)				
2.2 Proposed increase in impervious area within LOD (ac)				
3. Water Resource Protection - Site conditions may adversely affect runoff reduction and/or pollutant loading reductions.				
3.1 Site area with Runoff Reduction Feasibility rating of Low or Low-Mod within LOD (ac)				
3.2 Site area with water table <36 inches (100 cm) within LOD (ac)				
3.3 Site area with HSG C or D soils within LOD (ac)				
4. Sump Conditions - Existing topography of site creates depressional areas (closed 2' contours) where runoff tends to collect without direct discharge.				
4.1 Site area that drains to sump (ac)				
5. Discharge Points - Areas where stormwater runoff leaves the site have limitations due to low gradient, backwater effects, lack of a defined channel or other hydraulic limitations.				
5.1 Discharge points with identified problems (no.)				
5.2 Site area that drains to discharge point with identified problem (ac)				
6. Off-Site Drainage - Areas draining into the site could adversely affect adequate stormwater management for the proposed project.				
6.1 Off-site areas draining onto site (ac)				
7. Conveyance - Downstream conditions such as inadequate pipe or channel capacity could limit adequate drainage from the site.				
7.1 Known historic drainage problems (no.)				
7.2 In-line structures between site and 10% analysis point (no.)				
7.3 Stream channel condition degraded (yes/no)				