DRAFT

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 Quality - Pollutant loadings associated with proposed project could adversely affect adequate stormwater management.	☐	☐	☐
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)

Reporting Agency: _____

Contact Person: _____

Date of Pre-Application Meeting: _____

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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 (i.e. high water table, erosivity, excavations)	15% - 50% of developed portion of the site has soils with limitations to development (i.e. high water table, erosivity, excavations)	>50% of developed portion of the site has soils with limitations to development (i.e. high water table, erosivity, excavations)
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 impervious area	25%-50% existing woods/meadow to be disturbed **OR** 25%-50% proposed impervious area	> 50% existing woods/meadow to be disturbed **OR** > 50% proposed impervious area
3. Water Quality - Pollutant loadings associated with proposed project could adversely affect adequate stormwater management.	Targeted pollutants capable of treatment with standard BMPs	Targeted pollutants will require treatment train approach to achieve reduction goals	Targeted pollutants will require a Best Available Technology solution to achieve reduction goals
4. Sump Conditions - Existing topography of site creates depressional areas (closed 2' contours) where runoff tends to collect without direct discharge.	<15% of site area drains to sump areas	15% - 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 **OR** <10% of site area drains to a discharge point with an identified problem	At least one (1) site discharge point with an identified problem **OR** 10% - 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 **OR** 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.

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 (ac)				
1.2 "Very limited" for embankments, dikes and levees (ac)				
1.3 "Very limited" for excavated ponds due to depth to water table (ac)				
1.4 "Very limited" for excavated ponds due to cutbanks cave (ac)				
1.5 "Very limited" for pond reservoir areas (ac)				
1.6 Soil "K-factor" > 0.30 (ac)				
1.7 Drainage class "Poorly drained" or "Very poorly drained" (ac)				
1.8 Hydrologic Soil Group "D" (ac)				
1.9 Depth to water table < 100 cm (ac)				
1.10 Flood frequency class "Frequent" or "Very frequent" (ac)				
1.11 Ponding frequency class "Frequent" (ac)				
1.12 "Very limited" for local roads and streets (ac)				
1.13 "Very limited" for shallow excavations (ac)				
1.14 "Very limited" for lawns and landscaping (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 (ac)				
2.2 Proposed impervious area (ac)				
3. Water Quality - Pollutant loadings associated with proposed project could adversely affect adequate stormwater management.				
3.1 Project is located in TMDL watershed (yes/no)				
3.2 Project is located in high removal TMDL watershed (yes/no)				
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)				