

City Of Alexandria Stormwater Management Review Checklist

Guidance for this checklist provided by City of Alexandria Ordinances 622, Erosion and Sediment Control, and 722, Stormwater Management, as well as the MPCA general permit for authorization to discharge stormwater associated with small MS4s under the NPDES/SDS permit program.

Project Name:			
Address:			
Owner/Operator:			
Permit No:		Date Approved:	
Date Received:		Signature:	
Site Size (acres):		Area of Disturbance (acres):	
Existing Impervious(acres):		Proposed Impervious (acres):	
Additional documents/comments provided by permittee, attached (if applicable)			

Submittals Received

Date	Document	Author

General:

- Certified construction plans/details.
- SWPPP with ERC details, quantities.
- Certified Drainage Summary Report, with narrative.
- Hydrologic Design Summary with methods and models.
- Land Feature Changes Summary.
- Impaired waters assessment, location map.
- Pre and Post project drainage area maps.
- Pre and Post Runoff Rate Summaries.
- Pre and Post Hydraulic Grade Line Summaries 2, 10 and 100 year events for storm piping and conveyance features.
- Pre and Post peak bounce elevations 2, 10 and 100 year events, ultimate relief evaluation.

- Assessment of Risk with respect to proposed FFE. Existing infrastructure per ordinance RFPE plus one foot requirement.
- BMPs to minimize erosion.
- BMPs to minimize the discharge of sediment and other pollutants.
- BMPs for dewatering activities.

Wet Permanent Practice:

- Routing calculations, WQ, 2, 10 and 100 year event.
- Performance Summaries, WQ, 2, 10 and 100 year event. Emergency overflow elevation.
- Practice geometry, dimensions, elevations, details.
- Outlet control details, dimensions elevations, sizes, material type.
- Energy dissipation.
- Property lines, Easement, R/O/W.
- O & M responsibility, Access.

Volume Reduction/Filtration:

- Design Infiltration rate/supporting documentation.
- Practice geometry, dimensions, elevations, details.
- Pre-treatment techniques, details.
- Performance Summaries, WQ, 2, 10 and 100 year event. Drawdown time, emergency overflow elevation/ ultimate relief.
- Practice protection during construction.
- Post construction design infiltration rate test and confirmation results.
- Energy dissipation.
- Property lines, easement, R/O/W.
- O & M responsibility, Access.

Wetlands:

- Delineated wetlands shown on plan set.
- 10' Wetland Buffer per ordinance shown.
- Wetland Impact/Mitigation documentation provided.