



Detention Basin Acceptance Criteria December, 2016

In order to provide a consistent level of service to all communities and residents of Northern Kentucky, Sanitation District No. 1 (SD1) will accept ownership and maintenance of newly constructed detention basins and outlet control structures via the SD1 land disturbance permit review and approval process for systems that meet the requirements outlined below.

Section 1

Design Requirements for Detention Basins Accepted by SD1

Developer-funded new detention basins and outlet control structures managing newly constructed public impervious areas that meet the following design requirements will be accepted by SD1:

1. The detention basin is on a separate parcel that is connected to a publicly dedicated road or an access easement is granted through Developer-owned property until a publicly dedicated road is built allowing for the parcel to be connected to a publicly dedicated road;
2. The parcel size is large enough to adequately manage the storm water runoff for all required design storms in accordance with the Northern Kentucky Storm Water Rules and Regulations. Additional lands will be reviewed for acceptance on a case-by-case basis or may be requested by SD1;
3. The outlet control structure meets SD1's required design specifications. SD1's Extended Detention Outlet Control detail must be installed per SD1's Standard Drawing NO: STM-20;
4. Post-construction water quality BMPs are not installed within the detention basin, unless the required storm water quality treatment standard is met utilizing SD1's Standard Drawing NO: STM-20;
5. The detention basin manages only runoff from newly constructed residential subdivisions with publicly dedicated roads or newly constructed publicly dedicated roads. Detention basins that manage direct runoff from private commercial or industrial sites will not be accepted;
6. The site meets all other applicable requirements identified in the Northern Kentucky Regional Storm Water Management Rules and Regulations.
7. Detention basins that are subject to other regulatory requirements, including but not limited to detention basins that are classified, regulated, or permitted as dams according to the Kentucky Natural Resources and Environmental Protection Cabinet, will not be accepted by SD1.

Section 2

SD1's Acceptance of Full Maintenance Responsibilities and Full Ownership of Developer-Funded New Detention Basins

SD1 will accept ownership and full maintenance of detention basins upon all of the following items being satisfactorily met:

1. All detention basin design requirements outlined in Section 1 are met;
2. All accumulated sediment is removed from the detention basin with final grade per approved plans;
3. Approval of record drawings with applicable required information;
4. Courthouse recording of the approved plat creating the specific parcel on which the detention basin is located. Plat shall identify all granted easements located on or adjacent to the specific detention basin parcel;
5. Permanent vegetation with at least seventy percent (70%) coverage is established throughout detention basin parcel;
6. All channel liner (rip-rap) must be per approved plan dimensions, and standard detail design including required aggregate size. Channel liner (rip-rap) must be free of significant sediment;
7. If applicable, all punch list items specifically relating to the detention basin are completed and approved by SD1;
8. All required documentation transferring legal ownership to SD1 is completed in full utilizing SD1's standard deed template; and
9. SD1's acceptance date shall be evident via an acceptance letter specifically identifying the detention basin for full acceptance.*

* SD1 will thoroughly document via electronic pictures and record drawings the condition of the detention basin at the time of acceptance. If SD1 determines that the functionality or performance of the detention basin is impacted by active construction activities, including but not limited to accumulation of sediment or debris, then the Permittee of record will be required to correct the issue(s) to re-establish or restore the detention basin back to conditions and functionally or performance as when accepted by SD1. Failure to correct the issue(s) in a timely manner will result in administrative enforcement action(s) as outlined in the Northern Kentucky Storm Water Management Rules and Regulations. The Notice of Termination for the Storm Water Permit associated with this project will not be approved until required sediment is removed and all other detention basin design and ownership requirements are met.

Section 3

SD1's Conditional Acceptance of Partial Maintenance Responsibilities* and Full Ownership of Developer-Funded New Detention Basins

SD1 will accept ownership and partial maintenance responsibilities of detention basins upon all of the following items being satisfactorily met:

1. The detention basin is setup and functioning as a temporary sediment basin per approved plans and standard details. The detention basin (functioning as temporary sediment basin) must be in compliance with all applicable Storm Water Permit requirements;
2. Courthouse recording of the approved plat creating the specific parcel on which the detention basin is located. Plat shall identify all granted easements located on or adjacent to the specific detention basin parcel;
3. Permanent vegetation with at least seventy percent (70%) coverage is established throughout the detention basin parcel;
4. If applicable all punch list items specifically relating to the detention basin are completed and approved by SD1;
5. All required documentation transferring legal ownership to SD1 is completed in full utilizing SD1's standard deed template;
6. SD1's conditional acceptance date shall be evident via an acceptance letter specifically identifying the detention basin for conditional acceptance for partial maintenance responsibilities; and
7. At such time when the permittee changes the detention basin from a temporary sediment basin to the approved plan designed detention basin, all items listed in Section 1 and Section 2 must be satisfactorily met.

* Partial Maintenance Responsibilities shall mean maintaining established permanent vegetation as deemed necessary by SD1.

This document is intended to provide guidance to standardize acceptance of new detention basins by SD1. Please contact SD1 to discuss and evaluate non-standard scenarios which may require variation(s) from this document.