

Construction General Permit OHC000005 Storm Water Pollution Prevention Plan Checklist

State of Ohio Environmental Protection Agency Division of Surface Water

Facility Name:	Date Received:			
SWP3 Reviewer:	Date Reviewed:			

Part III.G.1 - Site Description				
Does the SWP3 describe, show or include:	Y	N	N/A	Comments
(a) the nature and type of construction activity				
(e.g., low density residential, shopping mall, highway, etc.)?				
(b) the area of the site to be disturbed				
(c) the impervious area and percent imperviousness created by the				
construction activity?				
(d) storm water calculations, (pre and post-construction volumetric				
runoff coefficients and resulting water quality volume; design				
details for post-construction storm water facilities and pretreatment				
practices (e.g. drainage areas, capacities, elevations, outlet details				
and drain times) and if applicable, explanation of the use of existing				
post-construction facilities?				
(e) any existing data describing the soil?				
any information on the quality of the storm water discharge from				
the construction site?				
(f) any information about prior land uses at the site (e.g., was the				
property used to manage solid or hazardous waste)?				
(g) a description of the condition of on-site streams (e.g. prior				
channelization, bed instability or headcuts, channels on public				
maintenance, or natural channels)?				
(h) an implementation schedule which describes the sequence of				
major construction operations (i.e., grubbing, excavating, grading,				
utilities infrastructure installation and others) and the				
implementation of erosion, sediment and storm water management				
practices or facilities to be employed during each operation of the				
sequence?				
(i) the name(s) or location(s) of the initial and subsequent surface				
water bodies receiving the storm water discharge?				
the areal extent and description of the wetland or other special				
aquatic sites which will be disturbed and/or will receive the storm				
water discharges?				
(j) a detail drawing of a typical individual lot showing sediment and				
erosion controls or storm water control practices? (This does not				
remove responsibility to designate control practices in a SWP3 for				
critical areas such as steep slopes, stream banks, drainage ways & riparian zones.)				
(k) the location and description of storm water discharges associated				
with dedicated asphalt and/or concrete batch plants covered by the				
NPDES construction storm water general permit?				
(l) a cover page identifying the name and location of the site, the				
name and contact information for site operators and SWP3				
authorization agents as well as preparation date, start date, and				
completion date?				
(m) a log documenting grading & stabilization activity as well as				
SWP3 amendments that occur after construction commencement?				

Part III.G.1.n - Site Map Requirements				
Does the SWP3 site map show:	Y	N	N/A	Comments
(i) limits of earth-disturbing activity of the site including associated	1	- '	- 1112	
off-site borrow or spoil areas that are not addressed by a separate				
NOI and associated SWP3?				
(ii) soils types depicted for all areas of the site, including locations				
of unstable, highly erodible and/or known contaminated soils?				
(iii) existing and proposed contours to delineate drainage				
watersheds expected during and after major grading activities as				
well as the size of each drainage watershed, in acres?				
(iv) location of any delineated boundary for required riparian				
setbacks?				
(v) conservation easements for areas designated as open space,				
preserved vegetation or otherwise protected from earth disturbing				
activities with a description of any associated temporary or				
permanent fencing or signage?				
(vi) surface water locations including springs, wetlands, streams,				
lakes, water wells, etc., on or within 200 feet of the site, including				
the boundaries of wetlands or stream channels and first subsequent				
named receiving water(s) the permittee intends to fill or relocate for				
which the permittee is seeking approval from the Army Corps of				
Engineers and/or Ohio EPA?				
(vii) the location of existing and planned buildings, roads, parking				
facilities, and utilities?				
(viii) include the location of all erosion and sediment control				
practices, including the location of areas likely to require temporary				
stabilization during site development?				
(ix) location of sediment traps and basins noting their sediment				
storage volume and dewatering (detention) volume and contributing				
drainage area?				
(x) location of permanent storm water management practices (new				
& existing) as well as pretreatment practices to be used to control				
pollutants in storm water after construction operations have been				
completed along with the location of existing and planned drainage				
features (e.g. catch basins, culverts, ditches, swales, surface inlets				
and outlet structures)?				
(xi) areas designated for the storage or disposal of solid, sanitary,				
and toxic wastes (including dumpster areas), areas designated for				
cement truck washout, and areas for vehicle fueling?				
(xii) location of designated construction entrances where the				
vehicles will access the construction site?				
(xiii) location of any areas of proposed floodplain fill, floodplain				
excavation, stream restoration or known temporary or permanent				
stream crossings?				

Part III.G.2 - Sediment & Erosion Controls					
(a) Preservation Methods	Y	N	N/A	Comments	
(1) Has every effort been made to preserve the natural riparian setback adjacent to streams or other surface water bodies? (E.g. preserving existing vegetation, vegetative buffer strips, and existing					
soil profile and topsoil; and designating tree preservation areas or other protective clearing or grubbing practices.					

(2) Have affords been made to phase in construction estimities to				
(2) Have efforts been made to phase in construction activities to				
minimize the amount of land disturbance at one time?				
(3) Will any portions of the site be left undisturbed (e.g., tree				
preservation areas)?				
(b) Erosion Control Practices	Y	N	N/A	Comments
(1) Does the SWP3 include erosion controls to provide cover over				
disturbed soils?				
(2) Does the SWP3 describe the control practices used to re-				
establish suitable cover (e.g. vegetation) on disturbed areas after				
grading?				
(3) Does the SWP3 specify the types of stabilization measures to be				
employed for any time of the year?				
(b)(i) & Part II.B (Table 2): Temporary Stabilization	Y	N	N/A	Comments
For disturbed areas within 50 feet of a stream remaining dormant for				
over 14 days, will temporary erosion controls be applied within 2				
days?				
For disturbed areas over 50 feet away from a stream remaining	†			
dormant for over 14 days, will temporary erosion controls be				
applied within 7 days?				
For disturbed areas that will be left idle over winter, will temporary				
erosion controls be applied prior to onset of winter weather?				
(b)(i) & Part II.B (Table 1): Permanent Stabilization	Y	N	N/A	Comments
For disturbed areas within 50 feet of a stream at final grade, will	1	1.4	IN/A	Comments
permanent erosion controls be applied within 2 days of reaching				
final grade?				
For disturbed areas remaining dormant for over 1 year or at final				
grade, will permanent erosion controls be applied within 7 days of				
the most recent disturbance?				
(b)(ii) Permanent Stabilization of Conveyance Channels				
Will operators undertake special measures to stabilize channels and				
outfalls and prevent erosive flows?	l			
(c) Runoff Control Practices - Does the SWP3 incorporate	Y	N	N/A	Comments
(1) measures to reduce flow rates on disturbed areas (e.g., riprap,				
rock check dams, & pipe slope drains)?				
(2) measures to divert runoff from disturbed areas and steep slopes?				
(d) Sediment Control Practices	Y	N	N/A	Comments
(1) Will sediment control devices be implemented for all areas				
remaining disturbed for over 14 days?				
(2) Are detail drawings of the sediment controls to be used included				
in the SWP3?				
(d)(i) Timing of Installing Sediment Controls.	Y	N	N/A	Comments
Does the SWP3 specify that sediment controls will be implemented			1	
prior to grading and within 7 days of grubbing?				
Does the SWP3 require additional sediment controls or				
modifications for changing slopes and topography?				
(d)(ii) Sediment Settling Ponds	Y	N	N/A	Comments
Does the SWP3 include the use of a sediment settling pond?	1	14	1 1/ / 1	Comments
NOTE: This is required for areas with concentrated runoff or when				
the capacity of sediment barriers or inlet protection has been				
exceeded.				
Are alternatives proposed in lieu of a required settling pond? These	 			
must be equivalent to a sediment settling pond effectiveness.				
Is the dewatering volume appropriately sized (67 yd ³ or 1800 ft ³ per	-			
acre of drainage area)?				
acte of didilage area):			l .	

Is the depth of the dewatering volume for each sediment settling pond \leq 5 feet?				
Will the dewatering volume drain in 48 hours to 72 hours?	+			
Is a skimmer specified in the SWP3?	+			
Has a sediment storage zone volume been provided ($\geq 1000 \text{ ft}^3 \text{ per}$	+			
disturbed acre or based on RUSLE calculations?				
Is the length to width ratio of the settling pond $\geq 2:1$?				
NOTE: Greater distances from storm water inlet of the pond to the				
outlet increase effectiveness of sediment settlement.				
Is clean-out of the sediment storage zone specified in the SWP3?				
(E.g. when sediment occupies 50 percent of the sediment storage				
zone and prior to conversion to a post-construction BMP.)				
Have public safety concerns been considered in pond design and				
alternative sediment controls?				
(d)(iii) Sediment Barriers & Diversions	Y	N	N/A	Comments
Are sediment barriers or diversions used to intercept sheet flow?				
NOTE: Sediment barriers are suitable for sheet flow and not for				
concentrated storm water flow.				
Are alternative sediment barriers, used in lieu of silt fence, at least				
12-inches in diameter?				
12-inches in diameter?				
Are diversions used to keep runoff away from steep slopes or				
Are diversions used to keep runoff away from steep slopes or concentrated flow?				
Are diversions used to keep runoff away from steep slopes or concentrated flow? Do sediment barriers meet the maximum drainage area limits of				
Are diversions used to keep runoff away from steep slopes or concentrated flow?				
Are diversions used to keep runoff away from steep slopes or concentrated flow? Do sediment barriers meet the maximum drainage area limits of				

(d)(iv) Inlet Protection	Y	N	N/A	Comments
Do drain inlets and curb inlets drain into a sediment settling pond?				
Inlets not connected to a sediment settling pond are limited to runoff				
from \leq one acres?				
Does inlet protection meet acceptable standards?				
(d)(v) Stream Protection	Y	N	N/A	Comments
No structural sediment controls are proposed for use in streams.				
Have efforts been made to limit construction disturbance or				
activities on stream banks, and the width or number of stream				
crossings? NOTE: If work along a stream bank is necessary, a non-				
erodible pad or non-erodible stream diversion dams (sand bags)				
must be installed. If stream crossings are necessary, a non-erodible				
stream crossing must be installed.				

Part III.G.2.e - Post-Construction Storm Water Management					
	Y	N	N/A	Comments	
Does the SWP3 include the installation of a structural post-					
construction BMP. NOTE: Projects that do not significantly grade					
or impact pervious areas or install impervious surface such as park					
lands do not require the installation of post-construction BMPs.					
Is the construction activity a linear project (e.g., pipeline or utility					
line installation) that does not result in the installation of additional					
impervious surface? NOTE: If yes, then the installation of structural					
post-construction BMPs is not required.					
Maintenance Plans	Y	N	N/A	Comments	
Has a long-term maintenance plan been developed or included in the					
SWP3 for maintenance of the structural post-construction BMP?					

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NOTE: The long-term maintenance plan must be developed and		1		
provided to the post-construction site operator.				
Does the long-term maintenance plan include the following?				
(1) an entity designated for storm water inspection and maintenance				
responsibilities?				
(2) the routine and non-routine maintenance tasks to be undertaken?				
· /				
(3) a schedule for inspection and maintenance?				
(4) any necessary legally binding maintenance easements and				
agreements?				
(5) construction drawings or excerpts showing the facility plan view				
and profile, as well as details of the outlet(s)? (6) a map showing all access and maintenance easements?				
(7) a description of how pollutants will be removed and disposed of?				
Does the SWP3 include a structural post-construction BMP				
designed to release the water quality volume over a 24-hour to 48-				
hour time period?				
Calculation of Water Quality Volume (WQv)	Y	N	N/A	Comments
Is the calculation of the WQv,shown?				
With correct values used for the following:				
(a) runoff coefficient (Rv), where $Rv = 0.05 + 0.9i$				
i = ratio of impervious surface				
(b) precipitation depth (P = 0.9 inches)?				
(c) and the drainage area (A) to the BMP?				
If the structural post-construction BMP will be used for sediment				
storage, does it include a sediment accumulation volume of at least				
20% of the WQv?				
If a regional storm water BMP will be used to meet the post-				
construction requirements, does it:				
(1) meet the design requirement for treating the WQv?				
(2) have a legal agreement established with the BMP owner for				
long-term maintenance?				
Table 4a Do extended detention practices show an appropriate				
minimum drain time that shall not discharge more than the first half				
of the WQv in less than one-third of the drain time?				
NOTE: Dry = 48 hr; Wet, wetland, permeable pavement,				
underground storage, and sand/media filtration min. 24, <72 hr.				
Table 4a Do extended detention practices show appropriate design features?				
• Wetland and wet basins: permanent pool = 1WQv				
• Dry, wet and wetland: sediment storage = 0.2WQv				
Dry: forebay and micro-pool or acceptable pretreatment				
and a protected outlet.				
Underground storage: acceptable pretreatment capable of ≥				
50%TSS.				
Table 4b Do planned infiltrating practices show an appropriate				
maximum drain time?				
Note: Bioretention and infiltration basin ≤ 24 ; infiltration trench,				
permeable pavement and underground storage \(\leq 48\) hours.				
Table 4b Do planned infiltrating underground storage practices				
(for credit) show acceptable of pretreatment of ≥ 80% TSS.		**	37/4	
Small Construction Activities ≤ 2 Acres If the SWP2 propages to use on alternative PMP instead of a Table	Y	N	N/A	Comments
If the SWP3 proposes to use an alternative BMP instead of a Table				
4a or 4b practice,	<u> </u>		<u> </u>	

(1) does the SWP3 provide justification on why a standard BMP is				
infeasible and their use would prevent the project?				
(2) Is the alternative BMP acceptable to the local MS4 or				
jurisdiction?				
Transportation Projects	Y	N	N/A	Comments
For (public road construction activities), are the post-construction	1	14	1\(IA\)	Comments
BMPs designed consistent with the Ohio Department of				
Transportation's "Location and Design Manual, Volume Two?"				
Offsite Mitigation of Post-Construction	Y	N	N/A	Comments
If the SWP3 is proposing to use an offsite post-construction BMP,	I	11	IN/A	Comments
then does the SWP3 include:				
(1) a maintenance agreement or policy is established to ensure	-			
operations and treatment long-term?				
(2) the offsite location discharges to the same HUC-12 watershed				
unit?				
(3) the mitigation ratio of the WQv is 1.5 to 1 or the WQv at the	-			
point of retrofit, whichever is greater?				
Previously Developed Areas (Redevelopment)	Y	NT	NT/A	Comments
	Y	N	N/A	Comments
For construction of a previously developed area, was one of the				
following options used to as a post-construction practice:	-			
(a) 20% net reduction in the site's volumetric runoff				
coefficient?	-			
(b) a BMP sized to treat 20% of the WQv for the previously				
developed area using a standard BMP from Tables 4a or				
4b?	-			
For construction involving both previously developed and				
undeveloped land, was equation 3 shown to calculate the WQv?				
$WQv = 0.9 inches * A * [(Rv_1 * 0.2) + (Rv_2 - Rv_1)]/12$				
Runoff Reduction Practices:	Y	N	N/A	Comments
If the SWP3 proposes to use runoff reduction methods to reduce the				
WQv or size of post-construction practices, are one of the following				
acceptable practices being used with appropriate credit?				
Green Roof				
Impervious Surface Disconnection				
Rainwater Harvesting				
Bioretention Area/Cell				
Infiltration Basin				
Infiltration Trench				
Permeable Pavement (Infiltration)				
 Underground Storage (Infiltration) 				
Grass Swale	1			
Sheet Flow to Filter Strip				
Sheet Flow to Conservation Area				
Do practices meet Ohio EPA's Rainwater and Land Development	1			
Manual specifications?	1			
Is any runoff reduction practice(s) used to meet the groundwater	t			
recharge requirements for the Big Darby Creek Watershed shown in				
recharge calculations?				
Is any runoff reduction practice used meet post-construction	1			
requirement for areas that cannot drain to a structural practice (e.g.,				
backyards of residential lots) shown in calculations?				
Alternative Post-Construction BMPs	Y	N	N/A	Comments
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If the SWP3 proposes to use alternative post-construction BMPs to those of Tables 4a and 4b practices, has approval been obtained from Ohio EPA? (Attach correspondence & Alt. Practice Form)		

Part III.G.2.f - Surface Water Protection	Y	N	N/A	Comments
Does the site contain any streams, rivers, lakes, or wetlands?				
If so, has the U.S. Army Corps of Engineers been contacted for a				
determination of impacts requiring Clean Water Act 401 or 404				
permitting? (Attach any reference numbers)				
For storm water discharges from BMPs into wetlands, have				
appropriate BMPs been proposed to treat and diffuse flows?				

Part III.G.2.g - Other Controls				
(Non-sediment pollutant controls, tracking, dust, wastes, do	ewat	ering	g, and c	contaminated sediments)
Handling of Toxic or Hazardous Materials	Y	N	N/A	Comments
(1) The SWP3 considers and addresses potential toxic or hazardous				
wastes and their proper disposal?				
(2) The SWP3 addresses the need and methods to exclude waste				
materials or wastewater (e.g. from washout) from storm water or				
waters of the state? and of responding to chemical spills and leaks				
(e.g. directs to onsite Spill Prevention Control and Countermeasure (SPCC) plan).				
(3) The SWPPP addresses potential materials and responses to				
chemical spills and leaks (e.g. directs to onsite Spill Prevention				
Control and Countermeasure (SPCC) plan).				
Waste Disposal	Y	N	N/A	Comments
Covered and leak-proof containers are planned for disposal of				
debris, trash, hazardous or petroleum wastes?				
As applicable, the SWP3 states that all waste will comply with				
applicable state or local waste disposal requirements and provisions				
address issues such as open burning, sanitary wastes and				
construction and demolition debris?				
Clean Hard Fill	Y	N	N/A	Comments
(1) If disposal of bricks, hardened concrete, and/or soil is planned,				
are these materials required to be free from contamination that may				
leach to waters of the state?				
(2) If clean construction wastes will be disposed into the property,				
have are there any local prohibitions from this type of disposal?				
	T 7	N.T	BT/A	
Construction Chemical Compounds	Y	N	N/A	Comments
(1) Does the SWP3 designate areas used for mixing or storage of				
compounds such as fertilizers, lime, asphalt, or concrete?	-			
(2) If so, are these areas located away from watercourses, drainage	1			
ditches, field drains, or other storm water drainage areas?		\	37/4	
Equipment Fueling & Maintenance	Y	N	N/A	Comments
(1) Does the SWP3 designate areas used for fueling or performing				
vehicle maintenance that provide separation from watercourses,	1			
drainage ditches, field drains, or other storm water drainage areas?	1			
(2) If applicable, has a spill prevention control and	1			
countermeasures (SPCC) plan been developed?				

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February 2019

NOTE A SPORT I I I I I I I	1	1	1	T
NOTE: An SPCC plan is required for sites which have the				
following:				
Aboveground oil/fuel storage capacity of more than 1,320				
gallons in all containers 55 gallons or greater in volume, or				
Underground oil/fuel storage capacity of more than 42,000				
gallons.				
Concrete Wash Waters	Y	N	N/A	Comments
(1) Does the SWP3 designate areas used for concrete chute				
cleaning or other concrete wash waters that are these areas located				
away from watercourses, drainage ditches, field drains, or other				
drainage areas?				
Trench & Ground Water Control	Y	N	N/A	Comments
Does the construction site have an onsite trench or pond that must	1	11	11/71	Comments
•				
be dewatered?				
If so, does the SWP3 call for the discharge of potentially turbid				
water through a filter bag, sump pit, or other sediment removal				
device?		1		
Contaminated Soils	Y	N	N/A	Comments
If applicable, does the SWP3 address proper handling and disposal				
of soils contaminated by petroleum or other chemical spills?				
NOTE: Contaminated soils must be treated and/or disposed in Ohio				
EPA approved solid waste management facilities or hazardous				
waste treatment, storage or disposal facilities.				
If the facility contains contaminated soil, which of the following				
practices will be used to prevent contamination from being				
released?				
(1) Berms, trenches, and pits used to collect contaminated runoff				
and prevent discharges;				
(2) Runoff is planned to be pumped into a sanitary sewer (requires				
prior approval of the sanitary sewer operator) or into a container for				
transport to an appropriate treatment/disposal facility;				
(3) Areas of contamination are planned for covering with tarps or				
other methods that prevent storm water from coming into contact				
with the material.				
	Y	N	N/A	Comments
Spill Reporting Requirements	1	1.4	IN/A	Comments
(1) The SWP3 describes procedures in the event of a small release				
(less than 25 gallons) of petroleum waste? NOTE: Petroleum-				
based and concrete curing compounds must have special handling				
procedures.				
(2) The SWP3 describe what to do in the event of a larger release				
(25 or more gallons) of petroleum waste? NOTE: Ohio EPA (1-				
800-282-9378), the local fire department, and the local emergency				
planning committee (LEPC) must be contacted within 30 minutes of				
a spill of 25 or more gallons.	1		ļ	
Open Burning	Y	N	N/A	Comments
(1) If applicable, does the SWPPP restrict open burning to legal				
limits (as defined in OAC 3745-19)?				
Dust Controls/Suppressants	Y	N	N/A	Comments
(1) If dust suppressants are proposed in the SWP3, are application	1			
areas away from catch basins for storm sewers or other drainage				
ways? NOTE: Used oil may not be used as a dust suppressant				
Air Permitting Requirements	Y	N	N/A	Comments
(1) If applicable (e.g. mobile concrete batch plants, mobile asphalt	+	14	11/11	Comments
plants, concrete crushers, and large generators) have appropriate				
pianis, concrete crushers, and large generalors) have appropriate		<u> </u>	1	

measures been taken to ensure that all air pollution permits have				
been obtained?				
(2) In the case of applicable restoration or demolition projects, a				
notification will be submitted to Ohio EPA, Division of Air				
Pollution Control to determine if asbestos corrective actions are				
required?				
Process Wastewater/Leachate Management	Y	N	N/A	Comments
All process wastewaters (e.g., equipment washing, leachate				
associated with on-site waste disposal, and concrete wash-outs) be				
collected and disposed of properly (e.g., to a publicly-owned				
treatment works)? NOTE: The NPDES construction storm water				
general permit only authorizes the discharge of storm water and				
certain uncontaminated non-storm waters. The discharge of non-				
storm waters to waters of the state may be in violation of local,				
state, and federal laws or regulations.				
Additional Concerns	Y	N	N/A	Comments
For construction activities involving the installation and/or				
replacement of a centralized sanitary system, (including sewer				
extensions) or a sewerage system (except those serving one, two,				
and three family dwellings) and potable water lines, a PTI				
application was submitted to Ohio EPA? NOTE: Coverage under				
the NPDES construction storm water general permit does not alone				
authorize the installation of such sanitary sewerage systems or				
potable water lines.				
Describe CW/D2 in all de management for implementing and 1				
Does the SWP3 include measures for implementing good				
housekeeping practices?				
housekeeping practices? Does the SWP3 promote the use of protected storage areas for				
housekeeping practices?				

Part III.G.2.h - Maintenance				
	Y	N	N/A	Comments
The SWPPP describes adequate repair and maintenance				
procedures for each temporary and permanent control practice				
planned in order to ensure continued function.				
Part III.G.2.i - Inspections				
	Y	N	N/A	Comments
The SWP3 states that only "qualified inspection personnel" will				
perform the inspections?				
The SWP3 requires construction site inspections to be				
performed once every 7 calendar days; and after every rain				
event \geq 0.5-inch in a 24-hour period by the end of next calendar				
day (excluding non-working weekends & holidays)?				
The SWP3 states that the inspection frequency may be reduced				
to monthly for dormant sites if:				
the entire site is temporarily stabilized or				
 runoff is unlikely due to weather conditions for 				
extended periods of time (e.g., frozen ground)?				
Does the SWP3 include an inspection checklist (to be completed				
and signed after every inspection) that includes:				
• the inspection date;				
 names, titles, and qualifications of inspectors; 				

 weather for the period since the last inspection (e.g., beginning, duration, & rainfall amount of each storm event and whether a discharge occurred); 	
weather and a description of any discharges occurring at the time of the inspection;	
 location(s) of discharges of sediment or other pollutants from the site; 	
 location(s) of BMPs that need to be maintained; 	
 location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location; 	
 location(s) where additional BMPs are needed that did not exist at the time of inspection; 	
and corrective action required including any changes to the SWP3 necessary and implementation dates	
The SWP3 details the areas to inspect (disturbed areas; material	
storage areas; erosion and sediment controls; discharge locations; and vehicle entrance/exit locations)?	
Does the SWP3 state that inspection records will be kept for 3 years after termination of construction activities?	
Does the SWP3 specify the time within which BMPS must be repaired, maintained or a new functional BMP installed?	
(Within 3 days of inspection for non-sediment pond BMPs, and within 10 days of inspection for sediment ponds to be repaired	
or cleaned out and replacing a BMP not meeting the intended	
function or missing from the site.)	