

**CHAPTER 102  
NPDES PAG-02 GENERAL PERMIT  
FACT SHEET**

Reviewed By: Marisa Matlin

Office: Indiana County Conservation District

**PAG-02 COMPLETENESS REVIEW CHECKLIST**

COMPLETENESS ITEM	TRUE	FALSE	N/A	Citation
1 All applicable sections of the NOI (3800-PM-BCW0405b) are complete.	✓			§ 102.6(a)(1)
a. There are no proposed discharges to special protection waters.	✓			
b. The project will not disturb soils with pollutant concentrations exceeding the Chapter 250 MSCs (or exceptions apply).	✓			
c. If any portion of the site is in an impaired watershed (including Chesapeake Bay), the applicant is proposing to use non-discharge alternatives or ABACT BMPs.			✓	
d. The Compliance History section appears to be accurate and there are no conditions per the SOP that would preclude eligibility for compliance history.	✓			
e. The person who signed the NOI is either: 1) a responsible corporate officer (president, vice president, secretary, treasurer, or manager authorized to make decisions); 2) a general partner or proprietor; or 3) a principal executive officer or ranking elected official.	✓			
f. The Total Area of Earth Disturbance as reported in the Project Site and Earth Disturbance Information Section of the NOI appears to be accurate based on the LOD shown on E&S Plan Drawings.	✓			
g. The applicant is not proposing to use floodplain restoration or gravity injection wells as PCSM SCMs.			✓	
2 The Administrative Filing Fee (\$500) and CCD-specific fees were submitted (as applicable).	✓			§ 102.6(b)(1)
3 The correct Disturbed Acreage Fee was submitted (\$100 x Total Acres Earth Disturbance reported in the Project Site and Earth Disturbance Information Section of the NOI, rounded to the nearest whole acre).	✓			§ 102.6(b)(1)
4 The County Notification Form (3800-FM-BCW0271b) has been submitted.	✓			§ 102.6(a)(1)
a. The county has signed the form.	✓			
5 The Municipal Notification Form (3800-FM-BCW0271c) has been submitted.	✓			§ 102.6(a)(1)
a. The municipality has signed the form.			✓	
6 Proof of county and/or municipal receipt of notification forms was submitted.	✓			§ 102.6(a)(1)
7 A valid PNDI receipt was submitted.	✓			§ 102.6(a)(2)
a. The receipt is not expected to expire prior to anticipated authorization of permit coverage.	✓			
b. The receipt is a final (not draft) receipt.	✓			
8 PNDI clearance letter(s) from the appropriate agencies were submitted.			✓	§ 102.6(a)(2)
9 E&S Module 1 (3800-PM-BCW0406a) was submitted.	✓			§ 102.6(a)(1)
a. All applicable questions in Module 1 have been completed.	✓			
10 Final E&S Plan Drawings were submitted (not identified as "preliminary").	✓			§ 102.4(b)(5)(ix)
a. E&S BMPs shown on Drawings align with BMPs identified in Module 1.	✓			
b. The Drawings include existing and proposed topography (including any temporary contours) with appropriate contour labels.	✓			§ 102.4(b)(5)(i)
c. The Drawings include the project site boundary.	✓			§ 102.4(b)(5)(iii)
d. The Drawings include the limit of earth disturbance within the project site.	✓			
e. The Drawings show receiving surface water(s) and watershed boundaries, if applicable, within the project site and floodway or floodplain.	✓			
f. The Drawings identify all discharge points.			✓	§ 102.4(b)(5)(ix)
g. The Drawings show the location of all BMPs and drainage areas to the BMPs as applicable.	✓			§ 102.4(b)(5)(vi)
h. The Drawings show existing and proposed utilities and site improvements.	✓			§ 102.4(b)(5)(iii)

i.	The Drawings show existing and proposed riparian buffer(s), if applicable.			✓	§ 102.4(b)(5)(xv)
j.	The Drawings show proposed off-site support activities, if applicable.			✓	§ 102.4(b)(5)(iii)
k.	The Drawings provide for protection of infiltration PCSM SCMs until drainage areas are completely stabilized, if applicable.			✓	§ 102.4(b)(5)(vii)
l.	The Drawings provide a sequence of BMP installation and removal in relation to the scheduling of earth disturbance activities, prior to, during and after earth disturbance activities.	✓			
m.	The Drawings (or separate narrative) identify a maintenance program which provides for the operation and maintenance of BMPs and the inspection of BMPs on a weekly basis and after each stormwater event.	✓			§ 102.4(b)(5)(x)
n.	The Drawings (or separate narrative) identify procedures which ensure that proper measures for the recycling or disposal of materials associated with or from the project site will be undertaken.	✓			§ 102.4(b)(5)(xi)
o.	The Drawing(s) show the Avoidance Measures specified on the signed PNDI receipt, if applicable.			✓	§ 102.4(c)
p.	The Drawing(s) show E&S BMP construction or installation details.	✓			§ 102.4(b)(5)(ix)
11	E&S Standard Worksheets (or equivalent) and supporting calculations were submitted.	✓			§ 102.4(b)(5)(viii)
12	PCSM Module 2 (3800-PM-BCW0406b) was submitted.	✓			§ 102.6(a)(1)
a.	All applicable questions in Module 2 have been completed.	✓			
b.	A printout or file containing <b>DEP's Pre-Development Site Characterization (PDSC) Spreadsheet</b> was submitted.			✓	
13	Final PCSM Plan Drawings were submitted (not identified as "preliminary").	✓			§ 102.8(f)(9)
a.	PCSM SCMs shown on Drawings align with SCMs identified in Module 2 and <b>DEP's PCSM Spreadsheet</b> (as applicable).			✓	§ 102.8(f)(9)
b.	The Drawing(s) include existing and proposed topography with appropriate contour labels.	✓			§ 102.8(f)(1)
c.	The Drawing(s) include the project site boundary and limit of disturbance.	✓			§ 102.8(f)(3)
d.	The Drawing(s) show receiving surface water(s) and watershed boundaries, if applicable, within the project site and floodway or floodplain.	✓			§ 102.8(f)(5)
e.	The Drawing(s) identify all discharge points and points of analysis.	✓			§ 102.8(f)(9)
f.	The Drawing(s) show the location of all SCMs with identifiers cross-referenced to PCSM Module 2.	✓			§ 102.8(f)(6)
g.	Details were provided for all PCSM SCMs.	✓			§ 102.8(f)(9)
h.	The Drawing(s) show existing and proposed utilities and site improvements.	✓			§ 102.8(f)(3)
i.	The Drawing(s) show existing and proposed riparian buffer(s), if applicable.				§ 102.8(f)(14)
j.	The Drawing(s) show proposed off-site support activities, if applicable.			✓	§ 102.8(f)(3)
k.	The Drawing(s) show the Avoidance Measures specified on the signed PNDI receipt, if applicable.			✓	§ 102.8(f)(15)
l.	The Drawing(s) show the sequence of PCSM SCM implementation and identify a schedule of inspections for critical stages of SCM installation.	✓			§ 102.8(f)(7)
m.	The Drawing(s) provide a long-term operation and maintenance (O&M) schedule.	✓			§ 102.8(f)(10)
n.	The Drawing(s) provide procedures for recycling or disposing of materials.	✓			§ 102.8(f)(11)
o.	The Drawing(s) show sensitive features including sinkholes, surface depressions, soil contamination hot spots, and wetlands, if applicable.			✓	§ 102.8(f)(2)
p.	The Drawing(s) show the location of test pits or borings used for infiltration testing as cross-referenced to the <b>PDSC Spreadsheet</b> .			✓	§ 102.8(g)(1)
q.	The Drawings show the location of all SCMs and drainage areas to the SCMs as applicable.			✓	§ 102.8(f)(9)
14	SCM design calculations were submitted (e.g., hydrographs and other model output or calculations).			✓	§ 102.8(f)(8)
15	Pre- and post-construction runoff volumes were calculated using <b>DEP's PCSM Spreadsheet - Volume Worksheet</b> or stormwater analysis calculations were submitted that quantify the pre- and post-construction runoff volumes and pollutant loads up to the 2-year/24-hour storm.	✓			§ 102.8(g)(2)

16	A printout or file containing <b>DEP's PCSM Spreadsheet - Volume Worksheet</b> was submitted and completed in full.	✓			
a.	Calculations were provided that demonstrate how the net change in volume up to the 2-year/24-hour storm will be managed or how an Act 167 or alternative design standard will be met through SCMs.	✓			§ 102.8(g)(2)
17	A printout or file containing <b>DEP's PCSM Spreadsheet – Rate Worksheet</b> was submitted and completed in full ( <i>the complete worksheet rather than the Summary of Peak Rates table was completed</i> ).			✓	
a.	Calculations were provided to quantify pre- and post-construction peak rates for the 2-, 10-, 50-, and 100-year/24-hour storms.			✓	§ 102.8(g)(3)
b.	Calculations were provided that demonstrate how the net change in rate for the 2-, 10-, 50-, and 100-year/24-hour storms will be managed or how an Act 167 or alternative design standard will be met through SCMs.			✓	
18	A printout or file containing <b>DEP's PCSM Spreadsheet – Quality Worksheet</b> was submitted.			✓	§ 102.8(g)(2)
19	A wetland determination report was submitted if E&S Module 1 identified hydric soils.	✓			
a.	Wetlands were identified on-site.	✓			§ 102.4(b)(5)(v)
b.	A wetland delineation report was submitted with a map identifying the wetland boundaries on the project site.	✓			
20	An Act 537 sewage planning approval letter was submitted.			✓	§ 102.6(a)(1)
21	An Act 2 release of liability letter was submitted (applicable if the Project Site and Earth Disturbance Information section of the NOI indicates the site is enrolled or was previously enrolled in the Act 2 program).			✓	§ 102.6(a)(1)
22	Test pit / boring logs for the pre-development site characterization were submitted.	✓			§ 102.8(g)(1)
23	Phase I or II Environmental Site Assessment(s) (ESA(s)) were submitted.			✓	§ 102.4(b)(5)(ii)
24	Soil pollutant analytical data were submitted.			✓	
a.	Soil contamination is known or suspected at the project site.			✓	§ 102.4(b)(5)(ii)
25	If contamination is present on-site, a map showing the extent of soil contamination has been submitted.			✓	§ 102.4(b)(5)(ii)
26	A map showing the area investigated for pre-development infiltration capabilities, which corresponds to the area identified in the <b>PDSC Spreadsheet</b> , has been submitted.	✓			§ 102.8(g)(1)
27	If the site is in an active karst area, a geotechnical report has been submitted to document subsurface conditions on-site.			✓	§ 102.8(g)(1)
28	One or more MRC SCMs is proposed.			✓	
a.	For MRC SCMs meeting the Simplified MRC Design Standards, an MRC Simplified Design Spreadsheet has been completed and submitted.			✓	§ 102.8(f)(8)
b.	For MRC SCMs not meeting the Simplified MRC Design Standards, the MRC Spreadsheet has been completed and submitted.			✓	
29	If the applicant is a private business, legal documentation identifying members, owners, partners, etc. has been submitted.			✓	§ 102.6(a)(1)
30	Erosion Potential (EP) Analysis Form(s) (3800-FM-BCW0271h) were submitted for each discharge point (DP) expected to receive concentrated flows during and following construction.			✓	
a.	Color photos of proposed flow paths have been attached to the form(s).			✓	
b.	Critical section(s) of flow paths where EP Analysis has been completed are shown on E&S and/or PCSM Drawings.			✓	§ 102.4(c)
c.	Calculations documenting peak discharge rate from SCMs at the 10-year/24-hour storm have been submitted.			✓	
d.	Calculations documenting the maximum velocity or shear stress expected at critical sections have been submitted.			✓	
31	If there will be an increase in volume, rate, or pollutant loads to an MS4 or CSS, the MS4/CSS Notification Form (3800-FM-BCW0271f) or equivalent has been submitted and signed by the MS4/CSS permittee acknowledging the increase.			✓	§ 102.6(a)(1)
32	One or more level spreaders are proposed where the level spreader will not result in a direct discharge to a surface water.	✓			

a. Calculations have been submitted demonstrating sheet flow immediately below the level spreader (flow depth of less than 0.1 foot).	✓			§ 102.4(c)
b. An EP Analysis has been submitted for the flow path below the level spreader(s).	✓			

Reviewer Comments: