



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

<b>OFFICIAL USE ONLY</b>
ID # _____
Date Received _____

**PERMIT APPLICATION  
NOTICE OF INTENT FOR COVERAGE  
UNDER THE GENERAL (PAG-2) NPDES PERMIT  
OR  
APPLICATION FOR AN INDIVIDUAL NPDES  
PERMIT FOR STORMWATER DISCHARGES  
ASSOCIATED WITH CONSTRUCTION ACTIVITIES**

PLEASE READ THE PERMIT SUMMARY SHEET AND INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. COMPLETE THE ATTACHED CHECKLIST AND WORKSHEETS 1 THROUGH 5 REFERENCED AFTER APPENDIX B OF THIS PERMIT APPLICATION. COMPLETE ALL OTHER APPLICABLE WORKSHEETS REFERENCED IN THE APPLICATION CHECKLIST.

1 acre to less than 5 acres of disturbance with a point source discharge       5 acres or larger disturbance

PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

CHECK APPROPRIATE BOX	GENERAL <input type="checkbox"/>	INDIVIDUAL <input type="checkbox"/>	
APPLICATION TYPE	NEW <input type="checkbox"/>	RENEWAL <input type="checkbox"/>	MAJOR MODIFICATION <input type="checkbox"/> PHASED <input type="checkbox"/>
<b>SECTION A. APPLICANT INFORMATION</b>			
Applicant's Last Name	First Name	MI	Phone FAX
Email Address			
Organization Name or Registered Fictitious Name			Phone FAX
Mailing Address	City	State	ZIP + 4
Co-Applicant's Last Name (if applicable)	First Name	MI	Phone FAX
Email Address			
Organization Name or Registered Fictitious Name			Phone FAX
Mailing Address	City	State	ZIP + 4
<b>SECTION B. PROJECT INFORMATION AND SITE ANALYSIS</b>			
1. Project Name:			
2. Project Description			
<input type="checkbox"/> Residential Subdivision	<input type="checkbox"/> Sewerage/Water System	<input type="checkbox"/> Private Road/Residence	
<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Public Road	<input type="checkbox"/> Government Facility	
<input type="checkbox"/> Utility Facility/Transmission	<input type="checkbox"/> Recreational	<input type="checkbox"/> Remediation/Restoration	

3. Total Project Area (Acres): \_\_\_\_\_

4. Project Location or Physical Address (if available):  
 \_\_\_\_\_  
 \_\_\_\_\_

5. County	Municipality	City	Boro	Twp
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Latitude: \_\_\_\_°/ \_\_\_\_'/ \_\_\_\_"      Longitude: \_\_\_\_°/ \_\_\_\_'/ \_\_\_\_"  
 Collection Method:    EMAP    HGIS    GISDR    ITPMP    GPS    WAAS    LORAN  
 Check the horizontal reference datum (or projection datum) employed in the collection method. EMAP and HGIS (PNDI) have known datum and do not require checking here.    NAD27    NAD83    WGS84 (GEO84)  
 Enter the date of collection if the lat and long coordinates were derived from GPS, WAAS or LORAN. \_\_\_\_ mm \_\_\_\_ dd \_\_\_\_ yyyy

7. U.S.G.S. Quad Map Name \_\_\_\_\_

8. Existing and Previous Uses of the Land Proposed for Construction (use separate sheet if necessary):  
 Existing Land Uses:    Agriculture    Forest/Woodland    Barren    Urban    Brownfield    Other  
 Description: \_\_\_\_\_

Previous Land Uses:    Agriculture    Forest/Woodland    Barren    Urban    Brownfield    Other  
 Description: \_\_\_\_\_

**9. Site Analysis**

Describe how Natural Resources features on the site (Worksheets 2 and 3 referenced in the Pa. Stormwater BMP Manual) were considered in: Location and Design of the project, E & S Plan Design, PCSM Plan Design. (attach additional sheet if necessary)

10. Potential Toxic or Hazardous Pollutants: (Submit the following data if soil contaminant, geology or past or present land use provides a potential for contaminated runoff from the project site)   N/A      Use additional sheets if necessary.

Pollutant	Concentration w/Units	Source	Sample Type	Date(s) / Number of Samples

**11. Fill Material**

**Based on a cut/fill analysis of the project site, will the site need to import fill, export fill or will the site balance? Be sure to read the instructions before completing this section. Clean Fill can not be placed in or on waters of the Commonwealth.**

- Check the appropriate box**
- Import fill – the Operator will, in most situations, be responsible to perform environmental due diligence and determine that all fill imported to the site meets the Department's definition of clean fill. The plan designer must include a note on the drawings to identify the operator(s) responsibility and provide the definition of Clean Fill and Environmental Due Diligence.
  - Export fill – the Applicant is responsible for performing environmental due diligence at the time this application was submitted to determine that any fill exported from the site will be certified as clean fill.
  - Balance all cuts and fills with the amount of rock and soil available on the site.

12. Total Disturbed Area (Acres) to be permitted: \_\_\_\_\_

13. Estimated Timeframe for completion of project: Project Start Date \_\_\_\_\_ Project End Date \_\_\_\_\_

14. Estimated Timetable for Phased Projects Build Out (Complete for phased projects only)

Phase No. or Name	Proposed Type of Activity	Total Area	Disturbed Area	Start Date	End Date

15. Stormwater Discharges to (during construction):  
 Waters of the Commonwealth  Municipal Separate Storm Sewer  Private Storm Sewer  Non Surface Waters

Receiving Water/Watershed Name:	Chapter 93 Receiving Water Classification: (Designated use)	Existing Use (if different from the Designated use)
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Name of Municipal Storm Sewer Operator:	Name of Private Storm Sewer Operator:	Other: (including off-site discharges for which documentation is attached to support a legal right to discharge)
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**SECTION C. E & S AND POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN**

**Note: For projects involving multiple watershed boundaries, please submit a complete, separate Section C for each additional watershed.**

1. Provide a brief summary of proposed BMPs and their performance to manage E & S for the project. If E & S BMPs and their application do not follow the guidelines referenced in the Pa. Erosion and Sediment Pollution Control Program Manual, provide documentation to demonstrate performance equivalent to, or better than, the BMPs in the Manual.

**E & S BMPs**

**PCSM Plan Information** - The PCSM Plan should be designed to maximize volume reduction technologies, eliminate (where possible) or minimize point source discharges to surface waters, preserve the integrity of stream channels, and protect the physical, biological and chemical qualities of the receiving surface water. **The DEP recommends the use of Control Guideline 1 (CG1) referenced in the Pa. Stormwater BMP Manual to achieve this goal.**

Design standards applied to develop the PCSM Plan. Check those that apply.

Act 167 Plan - The attached PCSM plan is consistent with an applicable approved Act 167 Plan. **A letter of consistency from the Municipal or County Engineer should be provided with the application.** Complete and submit all applicable worksheets referenced in the application checklist as part of the permit application for each approved Act 167 Plan.

Complete the following table for all applicable approved Act 167 Stormwater Management Plans. (use additional sheets if necessary)

ACT 167 Plan Name	Date Adopted	Consistency Letter Included
_____	_____	<input type="checkbox"/>

- The attached PCSM plan is consistent with all applicable local stormwater management ordinances, including MS4 (NPDES Permit to Discharge Stormwater Through a Municipal Separate Storm Sewer System) ordinances. **A letter of consistency from the Municipal or County Engineer should be provided with the application.** Complete and submit all applicable worksheets referenced in the application checklist as part of the permit application.

Complete the following table for all applicable Municipalities. (use additional sheets if necessary)

Municipality Name	Ordinance Number	Consistency Letter Included
_____	_____	<input type="checkbox"/>

The PCSM Plan must satisfy either subparagraph a or b below. Check those that apply.

- A.  Act 167 Plan approved on or after January 2005 – The attached PCSM Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005.

**OR**

- B. The PCSM Plan must satisfy one or both of the following requirements:
  - PA Stormwater BMP Manual - The attached PCSM plan is consistent with water quality design features and BMPs as presented in the Pennsylvania Stormwater BMP Manual. CG 1 has been met.
  - Other Design Standard – The attached PCSM plan was developed using partial compliance with the above standards or other standard. Demonstrate/explain in the space provided how this standard meets the criteria described in the PA Comprehensive Stormwater Management Policy Document 392-0300-002.

**2. SUMMARY TABLE FOR SUPPORTING CALCULATION AND MEASUREMENT DATA**

Please reference the Stormwater Methodology used (i.e. SCS Method) \_\_\_\_\_

	Pre-construction	Post Construction	Net Change
Design storm frequency _____ Rainfall amount _____ inches			
Impervious area (acres)	1	2	3
Volume of stormwater runoff <input type="checkbox"/> acre-feet or <input type="checkbox"/> cubic feet without planned stormwater BMPs (check appropriate box)	4	5	6
Volume of stormwater runoff <input type="checkbox"/> acre-feet or <input type="checkbox"/> cubic feet with planned stormwater BMPs (check appropriate box)		7	8
Stormwater peak discharge rate for the design frequency storm (cubic feet per second)	9	10	11

- Box 1. Pre-construction impervious area:** The total acres of impervious area on the project site before construction activities begin, based on land use for five years preceding the planned project.
- Box 2. Post construction impervious area:** The total acres of impervious area on the project site after construction activities have been completed.
- Box 3. Net change of impervious area:** The difference between the acres of impervious area listed in Box 1 and Box 2. Zero or negative values are acceptable.
- Box 4. Pre-construction stormwater runoff volume without planned BMPs:** The amount of stormwater runoff volume from the project site that would result from the design storm occurrence before construction activities begin, based on land use for five years preceding the project.
- Box 5. Post construction stormwater runoff volume without planned BMPs:** The amount of stormwater runoff volume from the project site that would result from the design storm occurrence after construction activities have finished assuming that no stormwater infiltration or retention BMPs have been installed.
- Box 6. Net change in stormwater volume without planned BMPs:** The difference between the amounts of stormwater runoff volume listed in Box 4 and Box 5.
- Box 7. Post construction stormwater runoff volume with planned BMPs:** The amount of stormwater runoff volume from the project site that would result from the design storm occurrence after construction activities have finished and the planned stormwater infiltration or retention BMPs have been installed.
- Box 8. Net change in stormwater runoff volume with planned BMPs:** The difference between the amounts of stormwater runoff volume listed in Box 4 and Box 7.
- Box 9. Pre-construction stormwater discharge rate:** The stormwater runoff discharge rate for the design frequency storm as determined by the land use for the past five years.
- Box 10. Post construction stormwater discharge rate:** The stormwater runoff discharge rate for the design frequency storm event after all planned stormwater BMPs are installed.
- Box 11. Net change stormwater discharge rate:** The difference between the stormwater runoff discharge rates listed in Box 9 and Box 10.



**5. THERMAL IMPACTS ANALYSIS**

Please explain how thermal impacts associated with this project were avoided.

If thermal impacts cannot be avoided, describe how impacts were minimized and the BMPs that will mitigate such impacts in a manner that will protect and maintain water quality in receiving surface waters in accordance with 25 Pa. Code Chapter 93.

**SECTION D. ANTIDegradation ANALYSIS MODULE**

**This Section is to be completed for Special Protection Watershed Only. (HQ/EV and EV Wetlands)**

**PART 1 NON-DISCHARGE ALTERNATIVES EVALUATION**

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will:

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	Official Use Only	PCSM Plan	Official Use Only
Check off the environmentally sound non-discharge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on your site analysis. For BMPs not checked, provide an explanation of why they were not utilized. (attach additional sheets if necessary)		Check off the environmentally sound non-discharge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into your PCSM Plan based on your site analysis. For BMPs not checked, provide an explanation of why they were not utilized. (attach additional sheets if necessary)	
<b>Non-discharge BMPs</b> <input type="checkbox"/> Alternative Siting <input type="checkbox"/> Alternative location <input type="checkbox"/> Alternative configuration <input type="checkbox"/> Alternative location of discharge <input type="checkbox"/> Limited Disturbed Area <input type="checkbox"/> Limiting Extent & Duration of Disturbance (Phasing, Sequencing) <input type="checkbox"/> Vegetated Riparian Buffers (100 ft min) <input type="checkbox"/> Other _____		<b>Non-discharge BMPs</b> <input type="checkbox"/> Alternative Siting <input type="checkbox"/> Alternative location <input type="checkbox"/> Alternative configuration <input type="checkbox"/> Alternative location of discharge <input type="checkbox"/> Low Impact Development (LID / BSD) <input type="checkbox"/> Vegetated Riparian Buffers (100 ft min) <input type="checkbox"/> Infiltration <input type="checkbox"/> Water Reuse <input type="checkbox"/> Other _____	

**Part 2 Antidegradation Best Available Combination of Technologies (ABACT)**

If the net change in stormwater discharge from or after construction is not fully managed by non-discharge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	Official Use Only	PCSM Plan	Official Use Only
<input type="checkbox"/> <b>Treatment BMPs:</b> <input type="checkbox"/> Sediment basin with skimmer <input type="checkbox"/> Sediment basin ratio of 4:1 or greater (flow length to basin width) <input type="checkbox"/> Sediment basin with 4-7 day detention <input type="checkbox"/> Flocculants <input type="checkbox"/> <b>Land disposal:</b> <input type="checkbox"/> Vegetated filters <input type="checkbox"/> Vegetated Riparian buffers <100ft. <input type="checkbox"/> Immediate stabilization <input type="checkbox"/> <b>Pollution prevention:</b> <input type="checkbox"/> PPC Plans <input type="checkbox"/> Street sweeping <input type="checkbox"/> Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials <input type="checkbox"/> <b>Stormwater reuse technologies:</b> <input type="checkbox"/> Sediment basin water for dust control <input type="checkbox"/> Sediment basin water for irrigation <input type="checkbox"/> <b>Other</b> _____		<input type="checkbox"/> <b>Treatment BMPs:</b> <input type="checkbox"/> Infiltration Practices <input type="checkbox"/> Wet ponds <input type="checkbox"/> Created wetland treatment systems <input type="checkbox"/> Vegetated swales <input type="checkbox"/> Manufactured devices <input type="checkbox"/> Bio-retention/infiltration <input type="checkbox"/> Green Roofs <input type="checkbox"/> <b>Land disposal:</b> <input type="checkbox"/> Vegetated filters <input type="checkbox"/> Vegetated Riparian Buffers <100ft. <input type="checkbox"/> Disconnection of roof drainage <input type="checkbox"/> Bio-retention/bio-infiltration <input type="checkbox"/> <b>Pollution prevention:</b> <input type="checkbox"/> Street sweeping <input type="checkbox"/> Nutrient, pesticide, herbicide or other chemical application plan alternatives <input type="checkbox"/> PPC Plans <input type="checkbox"/> Non-structural Practices <input type="checkbox"/> Land Preservation <input type="checkbox"/> Restoration BMPs <input type="checkbox"/> <b>Stormwater reuse technologies:</b> <input type="checkbox"/> Cisterns <input type="checkbox"/> Rain barrels <input type="checkbox"/> Dry hydrant with underground storage <input type="checkbox"/> Spray/Drip Irrigation <input type="checkbox"/> <b>Other</b> _____	
Are the ABACT BMPs selected sufficient to minimize E & S discharges to the extent that existing or designated surface water uses are protected? <input type="checkbox"/> Yes <input type="checkbox"/> No. If no, and the project is located in a HQ water, proceed to Part 3.		Are the ABACT BMPs selected sufficient to achieve no net change to the extent that existing or designated surface water uses are protected? <input type="checkbox"/> Yes <input type="checkbox"/> No. If no, and the project is located in a HQ water, proceed to Part 3.	

**Part 3 Social or Economic Justification (SEJ) (for projects in high quality waters only)**

If the applicant cannot demonstrate that the net change in discharge will protect the existing quality of the receiving surface waters, for projects in HQ waters, the applicant may pursue the SEJ process for demonstrating that lowering water quality is necessary to accommodate important economic or social development in the area in which the waters are located, in accordance with Chapter 10 of the Water Quality Antidegradation Implementation Guidance Manual, DEP Document ID No. 391-0300-002.

**SECTION E. CONSULTANT FOR THIS PROJECT**

Last Name	First Name	MI
Title		Consulting Firm
Mailing Address		
City	State	ZIP+4
Email	Phone FAX	Ext

**SECTION F. COMPLIANCE HISTORY REVIEW**

Is/was the applicant(s) in violation of any permits issued by DEP or any regulated activities within the past five years?

Yes       No

If yes, list each permit or project that is/was in violation and provide compliance status of the activity (use additional sheets to provide information on all permits).

Permit Program or Activity:

Permit Number (if applicable):

Brief description of non-compliance:

Steps taken to achieve compliance

Date(s) Compliance Achieved

Current Compliance Status:     In-Compliance       In Non-Compliance

If the applicant is not in compliance with any permit requirement of DEP Regulations or regulated activity, provide a narrative description of how the applicant will achieve compliance with the permit requirement or activity, including the schedule for achieving compliance with appropriate milestones.

**SECTION G. PERMIT COORDINATION**

Does the applicant (owner and/or operator) have, have pending, or require any other environmental permits for this project and any additional planning requirements?

Yes  No If yes, list each permit or approval, permit number, and description.

**Coordination Questions**

1. Does the project involve any of the following: Placement of fill, excavation within or a placement of a structure located in, along, across, or projecting into a water course, floodway or body of water (including wetlands)?

Yes  No If yes, identify which authorization under Chapter 105 is applicable.

Joint Permit  General Permit  Waiver

2. What is your 537 Plan status? Please note that 537 Plan approval is required prior to permit issuance.

3. Is your project associated with a Brownfield's Remediation?  Yes  No If yes, please indicate any coordination to date with the Environmental Cleanup Program (Act 2 or Superfund).

4. Are there any additional permits or approvals that may be required for this project?  Yes  No If yes, please list them.

**SECTION H. CERTIFICATION**

Applicant Certification

I certify under penalty of law that this application and all related attachments were prepared by me or under my direction or supervision by qualified personnel to properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the NPDES permit, and that BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment or both for knowing violations pursuant to Section 309(c)(4) of the Clean Water Act and, 18 Pa. C.S. §§4903-4904.

**Applicant**

**Co-Applicant (if applicable)**

\_\_\_\_\_   
 Print Name and Title of Person Signing

\_\_\_\_\_   
 Print Name and Title of Person Signing

( ) \_\_\_\_\_   
 Telephone Number of Person Signing

( ) \_\_\_\_\_   
 Telephone Number of Person Signing

\_\_\_\_\_   
 Signature of Applicant

\_\_\_\_\_   
 Signature of Co-Applicant

\_\_\_\_\_   
 Date Signed

\_\_\_\_\_   
 Date Signed

Please note below the name, address and telephone number of the individual that should be contacted in the event additional information is required.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: ( ) \_\_\_\_\_ FAX: ( ) \_\_\_\_\_

Notarization:

Commonwealth of Pennsylvania

County of \_\_\_\_\_

Sworn to and Subscribed to Before Me This

\_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_\_

**NOTARY**

**SEAL**

My Commission Expires: \_\_\_\_\_

Notary Public



## APPLICATION CHECKLIST GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES

Please check the following list to make sure that you have included all the required information. Place a check mark in the column provided for all items completed and/or provided. Failure to provide all of the requested information will delay the processing of the application and may result in the application being placed ON HOLD with NO ACTION, or being considered withdrawn and the application file closed.

**THIS CHECKLIST MUST BE COMPLETED AND ENCLOSED WITH YOUR GENERAL PERMIT APPLICATION FORM**

✓CHECKLIST FOR <u>NEW</u> GENERAL NPDES PERMIT APPLICATION				Applicant Check <input checked="" type="checkbox"/> If Included	Official Use Only
1.	Fully completed, properly signed and notarized Notice of Intent Form (1 original and 2 copies).			<input type="checkbox"/>	<input type="checkbox"/>
2.	Complete Erosion and Sediment Control Plans. (3 copies) Location: Drawings (D), Narrative (N).			<input type="checkbox"/>	<input type="checkbox"/>
a.	Written Narrative ( <i>Must be labeled "E&amp;S Plan" or "Erosion &amp; Sediment Control Plan", be complete &amp; legible, and be the final plan for construction</i> )  Written Narrative Includes the following:	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
i.	8.5" X 11" USGS map with outline of project area	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
ii.	Soils information (including hydric soils) Types, depth, slope and locations of soils	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
iii.	Physical characteristics and limitations of soils	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
iv.	Supporting calculations to show anticipated peak flows for the design storms	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
v.	Analysis of the impact that runoff from the project site will have on existing downstream watercourses resistance to erosion	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
vi.	Provide supporting calculations, standard worksheet, and narrative description of the location for all proposed E&S Control BMPs used before, during and after earth disturbance including but not limited to the following:				
A.	Channels	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
B.	Sediment Basins	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
C.	Sediment Traps	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
D.	Filter Fabric Fencing	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
E.	Outlet Protection	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
G.	Other BMPs (Specify)  _____	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>

## Checklist

				Applicant Check <sup>√</sup> If Included	Official Use Only
	H. Other BMPs (Specify)	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
b.	Plan Drawings ( <i>Must be labeled "E&amp;S Plan" or "Erosion &amp; Sediment Control Plan", be complete &amp; legible, and be the final plan for construction</i> )  Drawings include the following:	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Legend for any symbols that may be used on the drawing	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Topographic Features including existing contours, improvements, streams, wetlands, watercourses, etc. and sufficient surrounding area	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Soil types and locations	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Construction techniques or special considerations to address soil limitations	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	v. Limits of project area, NPDES boundary	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vi. Limits of earth disturbance	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vii. Proposed alteration including proposed contours and proposed improvements	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	viii. Maximum during construction drainage areas to hydraulic BMPs	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ix. Location of water which may receive runoff and receiving water classification pursuant to Chapter 93 and the "statewide existing use listing"	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	x. Standard Construction Details for all proposed E&S Control BMPs used before, during and after earth disturbance	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xi. Location of BMPs showing final contours are identified	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xii. Complete and site specific sequence of BMP installation and removal including activities planned to limit exposed areas	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xiii. Procedures or Note requiring the proper recycling or disposal of waste materials associated with the project site	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xiv. Maintenance Program including inspection schedule, sediment cleanout levels, repair parameters and time frames, and directions for sediment removal	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xv. Note explaining responsibilities for fill materials including definition of environmental due diligence and clean fill	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>

## Checklist

			Applicant Check <input type="checkbox"/> If Included	Official Use Only	
3.	Permit filing fee of \$250 payable to the appropriate Clean Water Fund.		<input type="checkbox"/>	<input type="checkbox"/>	
4.	Notifications to the local municipality and county governments that specify Acts 67 and 68 Coordination, and that the application is for a general NPDES stormwater permit authorizing the discharge of stormwater during construction activities. (3 copies) A "sample" notification letter is provided on page 8 of the instructions.		<input type="checkbox"/>	<input type="checkbox"/>	
5.	Proof of receipt of municipal notifications; copies of certified mail receipts or acknowledgment letters from the local municipality and county government. (3 copies)		<input type="checkbox"/>	<input type="checkbox"/>	
6.	The PNDI Review receipt for the project area. Include impact clearance letters if proof of agency coordination is required. (3 copies)		<input type="checkbox"/>	<input type="checkbox"/>	
7.	Complete Post Construction Stormwater Management Plan. (3 copies) Location: Drawings (D), Narrative (N).		<input type="checkbox"/>	<input type="checkbox"/>	
	a. Written Narrative ( <i>Must be separate from E&amp;S Plan and labeled "PCSM" or Post-Construction Stormwater Management"</i> and be the final plan for construction)  Written Narrative Includes the following:	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Site Description & Analysis	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Soil types and descriptions (including hydric soils)	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Pre-development and post-development drainage area runoff calculations for each drainage area	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Routing Analysis to demonstrate peak control for the 1-year through 100-year storm events ( <i>Routing should consider the benefits of BMPs</i> )	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	v. Calculations for permanent stormwater BMPs ( <i>including volume of water treated through BMPs</i> )	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vi. Curve Numbers and/or land use coefficients	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vii. Infiltration/Geotechnical report and soil infiltration test pit results	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>

## Checklist

				Applicant Check <sup>√</sup> If Included	Official Use Only
	b. Additional Worksheets  <b>Note: Required Worksheets 1 through 5 are attached after Appendix B. Complete the following worksheets as applicable.</b>				
	i. Worksheet 6 – Small Site/Small Impervious Area Exception for peak rate Mitigation Calculations  <i>(If worksheet 6 is not applicable, rate control is required)</i>	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Worksheet 10 – Water Quality Compliance for Nitrate  <i>(Required if using CG 1)</i>	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Worksheet 11 – BMPs for Pollution Prevention  <i>(Required if not using CG1 or if applicant is not meeting Nitrate requirements)</i>	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Worksheet 12 – Water Quality Analysis of Pollutant Loading from all Disturbed Areas  <i>(Required if not using CG1 or if applicant is not meeting Nitrate requirements)</i>	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	v. Worksheet 13 – Pollutant Reduction Through BMP Applications  <i>(Required if not using CG 1 or if applicant is not meeting Nitrate requirements)</i>	Location <u>N</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	c. Plans/Drawings <i>(Must be a stand alone separate plan from the E&amp;S Plan and labeled "PCSM" or Post-Construction Stormwater Management" and be the final plan for construction)</i>	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Construction Details for permanent stormwater BMPs including permanent stabilization	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Location of BMPs showing final contours are identified	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Location of soil types are identified (including hydric soils)	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Location and depths of test pits / infiltration testing sites are identified	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	d. Ownership, Operations, and Maintenance Procedures <i>(Must be included on drawings)</i>	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Applicant or entity (association, company, agency, etc.) listed as responsible party	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>

## Checklist

8.	Consistency letter from Municipal or County Engineer (where applicable)			<input type="checkbox"/>	<input type="checkbox"/>
9.	Appendix B Land Use Questions			<input type="checkbox"/>	<input type="checkbox"/>
10.	Complete Required Worksheets 1 – 5 (see worksheets <b>at the end of</b> the NPDES Individual Permit Application Checklist)			<input type="checkbox"/>	<input type="checkbox"/>
11.	Checklist for Subsequent Phases (of permitted projects)				
	a	Estimated time frame for phased project build-out (update as necessary)		<input type="checkbox"/>	<input type="checkbox"/>
	b	Complete E & S Plans for specific phase (3 copies)		<input type="checkbox"/>	<input type="checkbox"/>
	c	New Section C and complete PCSM Plan for specific phase (3 copies)		<input type="checkbox"/>	<input type="checkbox"/>
	d	Consistency letter from municipal or county engineer (where applicable)		<input type="checkbox"/>	<input type="checkbox"/>
	<b>CHECKLIST FOR GENERAL NPDES PERMIT <u>RENEWALS</u> ONLY</b>			<b>Applicant Check <input type="checkbox"/> <sup>√</sup> If Included</b>	<b>Official Use Only</b>
1.	Administratively complete, signed, and notarized Notice of Intent Form, including items 1-7. (1 signed original and 2 copies of the NOI/application)			<input type="checkbox"/>	<input type="checkbox"/>

**APPLICATION CHECKLIST**  
**NPDES INDIVIDUAL PERMIT FOR DISCHARGES OF STORMWATER**  
**ASSOCIATED WITH CONSTRUCTION ACTIVITIES**

Please check the following list to make sure that you have included all the required information. Place a check mark in the column provided for all items completed and/or provided. Failure to provide all of the requested information will delay the processing of the application and may result in the application being placed ON HOLD with NO ACTION, or being considered withdrawn and the application file closed.

**THIS CHECKLIST MUST BE COMPLETED AND ENCLOSED WITH YOUR INDIVIDUAL PERMIT APPLICATION FORM**

<b>CHECKLIST FOR <u>NEW</u> INDIVIDUAL NPDES STORMWATER PERMIT APPLICATION</b>				<b>Applicant Check <input type="checkbox"/> If Included</b>	<b>Official Use Only</b>
1.	Fully completed, properly signed and notarized Individual Permit Application (1 original and 2 copies).			<input type="checkbox"/>	<input type="checkbox"/>
2.	Fully completed General Information Form (GIF) (1 original and 2 copies)			<input type="checkbox"/>	<input type="checkbox"/>
3.	Complete Erosion and Sediment Control Plan (3 copies) Location: Drawings (D), Narrative (N).			<input type="checkbox"/>	<input type="checkbox"/>
	a. Written Narrative ( <i>Must be labeled "E&amp;S Plan" or "Erosion &amp; Sediment Control Plan", be complete &amp; legible, and be the final plan for construction</i> )  Written Narrative Includes the following:	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. 8.5" X 11" USGS map with outline of project area	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Soils information (including hydric soils) Types, depth, slope and locations of soils	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Physical characteristics and limitations of soils	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Supporting calculations to show anticipated peak flows for the design storms	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	v. Analysis of the impact that runoff from the project site will have on existing downstream watercourses resistance to erosion	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vi. Provide supporting calculations, standard worksheets, and description of the location for all proposed E&S Control BMPs used before, during and after earth disturbance including but not limited to the following:				
	A. Channels	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	B. Sediment Basins	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	C. Sediment Traps	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	D. Filter Fabric Fencing	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	E. Outlet Protection	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	G. Other BMPs (Specify) _____	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	H. Other BMPs (Specify) _____	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>

				Applicant Check <input type="checkbox"/> If Included	Official Use Only
	b. Plan Drawings ( <i>Must be labeled "E&amp;S Plan" or "Erosion &amp; Sediment Control Plan", be complete &amp; legible, and be the final plan for construction</i> )  Drawings include the following:	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Legend for any symbols that may be used on the drawing	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Topographic Features including existing contours, improvements, streams, wetlands, watercourses, etc. and sufficient surrounding area	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Soil types and locations	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Construction techniques or special considerations to address soil limitations	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	v. Limits of project area, NPDES boundary	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vi. Limits of earth disturbance	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	vii. Proposed alteration including proposed contours and proposed improvements	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	viii. Maximum during construction drainage areas to hydraulic BMPs	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ix. Location of water which may receive runoff and receiving water classification pursuant to Chapter 93 and the "statewide existing use listing"	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	x. Standard Construction Details for all proposed E&S Control BMPs used before, during and after earth disturbance	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xi. Location of BMPs showing final contours are identified	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xii. Complete and site specific sequence of BMP installation and removal including activities planned to limit exposed areas	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xiii. Procedures or Note requiring the proper recycling or disposal of waste materials associated with the project site	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xiv. Maintenance Program including inspection schedule, sediment cleanout levels, repair parameters and time frames, and directions for sediment removal	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	xv. Note explaining responsibilities for fill materials including definition of environmental due diligence and clean fill	Location <u>D</u>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
4.	Permit filing fee of \$500 payable to the appropriate Clean Water Fund.			<input type="checkbox"/>	<input type="checkbox"/>
5.	Notifications to the local municipality and county governments that specify Acts 67 and 68 Coordination, and that the application is for an individual NPDES stormwater permit authorizing the discharge of stormwater during construction activities. (3 copies) A "sample" notification letter is provided on page 8 of the instructions.			<input type="checkbox"/>	<input type="checkbox"/>

				Applicant Check <input type="checkbox"/> If Included	Official Use Only
6.	Proof of receipt of municipal notifications; copies of certified mail receipts or acknowledgment letters from the local municipality and county government. (3 copies)			<input type="checkbox"/>	<input type="checkbox"/>
7.	Copy of Cultural Resource Notice including PHMC reply or certified mail receipt (for projects disturbing ten acres or more). (3 copies)			<input type="checkbox"/>	<input type="checkbox"/>
8.	The PNDI Review receipt for the project area. Include impact clearance letters if proof of agency coordination is required. (3 copies)			<input type="checkbox"/>	<input type="checkbox"/>
9.	Complete Post Construction Stormwater Management Plan. (3 copies) Location: Drawings (D), Narrative (N).			<input type="checkbox"/>	<input type="checkbox"/>
a.	Written Narrative ( <i>Must be a stand alone, separate plan from the E&amp;S Plan and labeled "PCSM" or Post-Construction Stormwater Management"</i> and be the final plan for construction)  Written Narrative Includes the following:	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
i.	Site Description & Analysis	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
ii.	Soil types and descriptions (including hydric soils)	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
iii.	Pre-development and post-development drainage area runoff calculations for each drainage area	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
iv.	Routing Analysis to demonstrate peak control for the 1-year through 100-year storm events ( <i>Routing should consider the benefits of BMPs</i> )	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
v.	Calculations for permanent stormwater BMPs ( <i>including volume of water treated through BMPs</i> )	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
vi.	Curve Numbers and/or land use coefficients	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
vii.	Infiltration/Geotechnical report and soil infiltration test pit results	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
b.	Additional Worksheets <b>Note:</b> Required Worksheets 1 through 5 are attached after Appendix B. Complete and attach the following worksheets where applicable	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
i.	Worksheet 6 – Small Site/Small Impervious Area Exception for peak rate Mitigation Calculations  <b>(If worksheet 6 is not applicable, rate control is required)</b>	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
ii.	Worksheet 10 – Water Quality Compliance for Nitrate  <b>(Required if using CG 1)</b>	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
iii.	Worksheet 11 – BMPs for Pollution Prevention  <b>(Required if not using CG1 or if applicant is not meeting Nitrate requirements)</b>	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>

				Applicant Check <input type="checkbox"/> If Included	Official Use Only
	iv. Worksheet 12 – Water Quality Analysis of Pollutant Loading from all Disturbed Areas <i>(Required if not using CG1 or if applicant is not meeting Nitrate requirements)</i>	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	v. Worksheet 13 – Pollutant Reduction Through BMP Applications <i>(Required if not using CG 1 or if applicant is not meeting Nitrate requirements)</i>	Location <b><u>N</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	c. Plans/Drawings <i>(Must be separate from E&amp;S Plan and labeled “PCSM” or Post-Construction Stormwater Management” and be the final plan for construction)</i>	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Standard Details for permanent stormwater BMPs including permanent stabilization	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	ii. Location of BMPs showing final contours are identified	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iii. Location of soil types are identified (including hydric soils)	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	iv. Location and depths of test pits/infiltration testing sites are identified	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	d. Ownership, Operations, and Maintenance Procedures <i>(Must be included on drawings)</i>	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
	i. Applicant or entity (association, company, agency, etc.) listed as responsible party	Location <b><u>D</u></b>	Page _____	<input type="checkbox"/>	<input type="checkbox"/>
10.	Consistency letter from Municipal or County Engineer (where applicable)			<input type="checkbox"/>	<input type="checkbox"/>
11	Appendix B Land Use Questions			<input type="checkbox"/>	<input type="checkbox"/>
12	Completed Required Worksheets 1 – 5 (see worksheets at the end of this checklist)			<input type="checkbox"/>	<input type="checkbox"/>
13	Checklist for Subsequent Phases (of permitted projects)				
	a Estimated time frame for phased project build-out (update as necessary)			<input type="checkbox"/>	<input type="checkbox"/>
	b Complete E & S Plans for specific phase (3 copies)			<input type="checkbox"/>	<input type="checkbox"/>
	c New Section C and complete PCSM Plan for specific phase (3 copies)			<input type="checkbox"/>	<input type="checkbox"/>
	d Consistency letter from municipal or county engineer (were applicable)			<input type="checkbox"/>	<input type="checkbox"/>
	<b>CHECKLIST FOR INDIVIDUAL NPDES PERMIT RENEWALS ONLY</b>			Applicant Check <input type="checkbox"/> If Included	Official Use Only
1.	Resubmit items 1 through 6, 9 and 10. Note: Only one copy of the Erosion and Sediment Control Plan and Post Construction Stormwater Management Plan is required.			<input type="checkbox"/>	<input type="checkbox"/>

APPENDIX A

This letter is provided as an example only. Applicants may draft their own letter of notification. This letter must be modified to meet the specific requirements of the project if the applicant chooses to use the following text.

**SAMPLE NOTICE LETTER TO MUNICIPALITY AND COUNTY**

date: \_\_\_\_\_

Dear (Municipal Secretary): or  
Dear (County Commissioners):

This municipal notice is to inform you that (I am/we are) are applying for a (General/Individual) NPDES Permit for Stormwater Discharges Associated with Construction Activities from the Pennsylvania Department of Environmental Protection (DEP):

Applicant Contact: \_\_\_\_\_

Project Location: \_\_\_\_\_

Project Description: \_\_\_\_\_  
\_\_\_\_\_

Acts 67, 68 and 127 of 2000 amended the Municipalities Planning Code (MPC) and directs state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specifies that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the MPC.

Enclosed is a complete copy of the permit application form completed by the applicant for this project. Also enclosed is an attached sheet containing answers to the Land Use Information questions found in the DEP General Information Form (GIF). This list of questions and answers is being provided in lieu of a completed GIF. (*This is an optional sentence since the applicant may choose to provide a complete GIF form instead.*) DEP invites you to review the attached application and comment on the accuracy of answers provided with regard to land use aspects of this project; please be specific to DEP and focus on the relationship to zoning ordinances. If you wish to submit comments to DEP to become part of a land use review of this project, you must respond within 30 days to the DEP regional office and appropriate conservation district. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process.

For more information about this land use review process, visit DEP's Web site at [www.depweb.state.pa.us](http://www.depweb.state.pa.us), Keyword: "Land Use Reviews."

Sincerely,

Enclosures

## APPENDIX B

## Land Use Information Questions

- |     |  |                              |                             |
|-----|--|------------------------------|-----------------------------|
| 1.  | Is there a municipal comprehensive plan(s)?  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2.  | Is there a county comprehensive plan(s)?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3.  | Is there a multi-municipal or multi-county comprehensive plan(s)?  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4.  | Is the proposed project plan consistent with these plan(s)? <i>If no plan exists, answer "Yes".</i>  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5.  | Is there a municipal zoning ordinance(s)?  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6.  | Is there a joint municipal zoning ordinance(s)?  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7.  | Will the proposed project require zoning approval (e.g., special exception, conditional approval, re-zoning, variance)? <i>If zoning approval has already been received, attach the appropriate documentation.</i> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 8.  | Are any zoning ordinances that are applicable to this project currently the subject of any type of legal proceeding?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 9.  | Will the project be located on a site that has been or is being remediated under DEP's Land Recycling Program?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 10. | Will the project result in reclamation of abandoned mine lands through re-mining or as part of DEP's Reclaim PA Program?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 11. | Will the project be located in an agricultural security area or an area protected under an agricultural conservation easement?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 12. | Will the project be located in a Keystone Opportunity Zone or Enterprise Development Area?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 13. | Will the project be located in a Designated Growth Area as defined by the Municipalities Planning Code?  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

### Worksheet 1. General Site Information

**INSTRUCTIONS:** Fill out Worksheet 1 for each watershed

**Date:**

**Project Name:**

**Municipality:**

**County:**

**Total Area (acres):**

**Major River Basin:**

<http://www.dep.state.pa.us/river/Maps/PAbasins.htm>

**Watershed:**

**Sub-Basin:**

**Nearest Surface Water(s) to Receive Runoff:**

**Chapter 93 – Designated Water Use:**

<http://www.pacode.com/secure/data/025/chapter93/chap93toc.html>

**Impaired according to Chapter 303(d) List?**

Yes  No

<http://www.depweb.state.pa.us/watersupply/cwp/view.asp?a=1261&q=480056>

**List Causes of Impairment:**

*Is project subject to, or part of:*

**Municipal Separate Storm Sewer System (MS4) Requirements?**

Yes  No

<http://www.depweb.state.pa.us/watershedmgmt/cwp/view.asp?a=1437&q=519543&watershedmgmtNav=>

**Existing or planned drinking water supply?**

Yes  No

**If yes, distance from proposed discharge (miles):**

**Approved Act 167 Plan?**

Yes  No

<http://www.depweb.state.pa.us/watershedmgmt/cwp/view.asp?a=1437&q=519879>

**Existing River Conservation Plan?**

Yes  No

<http://www.dcnr.state.pa.us/brc/rivers/riversconservation/registry/>

**Worksheet 2. Sensitive Natural Resources**

**INSTRUCTIONS**

1. Provide Sensitive Resources Map according to non-structural BMP 5.4.1 in Chapter 5. This map should identify wetlands, woodlands, natural drainage ways, steep slopes, and other sensitive natural areas.

2. Summarize the existing extent of each sensitive resource in the Existing Sensitive Resources Table (below, using Acres). If none present, insert 0.

3. Summarize Total Protected Area as defined under BMPs in Chapter 5.

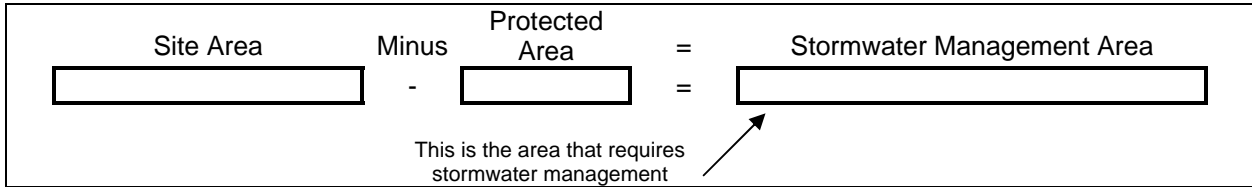
4. Do not count any area twice. For example, an area that is both a floodplain and a wetland may only be considered once.

<b>EXISTING NATURAL SENSITIVE RESOURCE</b>	<b>MAPPED? Yes/no/n/a</b>	<b>TOTAL AREA (Ac.)</b>	<b>PROTECTED AREA (Ac.)</b>
Waterbodies			
Floodplains			
Riparian Areas			
Wetlands			
Woodlands			
Natural Drainage Ways			
Steep Slopes, 15% - 25%			
Steep Slopes, over 25%			
Other:			
Other:			
<b>TOTAL EXISTING:</b>			

**Worksheet 3. Nonstructural BMP Credits**

**PROTECTED AREA**

1.1 Area of Protected Sensitive/Special Value Features (see WS 2) \_\_\_\_\_ Ac.  
 1.2 Area of Riparian Forest Buffer Protection \_\_\_\_\_ Ac.  
 3.1 Area of Minimum Disturbance/Reduced Grading \_\_\_\_\_ Ac  
**TOTAL** \_\_\_\_\_ Ac



**VOLUME CREDITS**

**3.1 Minimum Soil Compaction**

Lawn                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/4" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>  
 \_\_\_\_\_  
 Meadow                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/3" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>

**3.3 Protect Existing Trees**

*For Trees within 100 feet of impervious area:*

Tree Canopy                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/2" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>  
 \_\_\_\_\_

**5.1 Disconnect Roof Leaders to Vegetated Areas**

*For runoff directed to areas protected under 5.8.1 and 5.8.2*

Roof Area                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/3" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>  
*For all other disconnected roof areas*

Roof Area                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/4" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>

**5.2 Disconnect Non-Roof impervious to Vegetated Areas**

*For Runoff directed to areas protected under 5.8.1 and 5.8.2*

Impervious Area                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/3" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>  
*For all other disconnected roof areas*

Impervious Area                      \_\_\_\_\_ ft<sup>2</sup>                      x 1/4" x 1/12                      =                      \_\_\_\_\_ ft<sup>3</sup>

**TOTAL NON-STRUCTURAL VOLUME CREDIT\*** [ ] ft

*\*For use on Worksheet 5*

**Worksheet 4. Change in Runoff Volume for 2-YR Storm Event**

**PROJECT:** \_\_\_\_\_  
**Drainage Area:** \_\_\_\_\_  
**2-Year Rainfall:** \_\_\_\_\_ in

**Total Site Area:** \_\_\_\_\_ acres  
**Protected Site Area:** \_\_\_\_\_ acres  
**Managed Area:** \_\_\_\_\_ acres

**Existing Conditions:**

Cover Type/Condition	Soil Type	Area (sf)	Area (ac)	CN	S	la (0.2*S)	Q Runoff <sup>1</sup> (in)	Runoff Volume <sup>2</sup> (ft <sup>3</sup> )
Woodland								
Meadow								
Impervious								
<b>TOTAL:</b>								

**Developed Conditions**

Cover Type/Condition	Soil Type	Area (sf)	Area (ac)	CN	S	la (0.2*S)	Q Runoff <sup>1</sup> (in)	Runoff Volume <sup>2</sup> (ft <sup>3</sup> )
<b>TOTAL:</b>								

**2-Year Volume Increase (ft3):** \_\_\_\_\_

**2-Year Volume Increase = Developed Conditions Runoff Volume – Existing Conditions Runoff Volume**

- Runoff (in) =  $Q = (P-0.2S)^2 / (P+0.8S)$  where  
 P = 2-Year Rainfall (in)  
 S =  $(1000/ CN)-10$
- Runoff Volume (CF) =  $Q \times Area \times 1/12$   
 Q = Runoff (in)  
 Area = Land use area (sq. ft)

**Note: Runoff Volume must be calculated for EACH land use type/condition and HSGI. The use of a weighted CN value for volume calculations is not acceptable.**

**Worksheet 5. Structural BMP Volume Credits**

**PROJECT:** \_\_\_\_\_  
**SUB-BASIN:** \_\_\_\_\_

**Required Control Volume (ft<sup>3</sup>) – from Worksheet 4:** \_\_\_\_\_  
**Non-structural Volume Credit (ft<sup>3</sup>) – from Worksheet 3:** - \_\_\_\_\_  
  
**Structural Volume Reqmt (ft<sup>3</sup>)** \_\_\_\_\_  
*(Required Control Volume minus Non-structural Credit)*

Proposed BMP	Area (ft <sup>2</sup> )	Storage Volume (ft <sup>3</sup> )
6.4.1 Porous Pavement		
6.4.2 Infiltration Basin		
6.4.3 Infiltration Bed		
6.4.4 Infiltration Trench		
6.4.5 Rain Garden/Bioretenion		
6.4.6 Dry Well / Seepage Pit		
6.4.7 Constructed Filter		
6.4.8 Vegetated Swale		
6.4.9 Vegetated Filter Strip		
6.4.10 Berm		
6.5.1 Vegetated Roof		
6.5.2 Capture and Re-use		
6.6.1 Constructed Wetlands		
6.6.2 Wet Pond / Retention Basin		
6.6.3 Dry Extended Detention Basin		
6.6.4 Water Quality Filters		
6.7.1 Riparian Buffer Restoration		
6.7.2 Landscape Restoration / Reforestation		
6.7.3 Soil Amendment		
6.8.1 Level Spreader		
6.8.2 Special Storage Areas		
Other		

**Total Structural Volume (ft<sup>3</sup>):** \_\_\_\_\_  
**Structural Volume Requirement (ft<sup>3</sup>):** \_\_\_\_\_  
**DIFFERENCE** \_\_\_\_\_