



**COMPLETENESS REVIEW CHECKLIST**

Check-off: C = Complete, NC = Not Complete

<b>STANDARD E &amp; S AND PCSM COMPLETENESS REVIEW CHECKLIST</b>					
<b>General</b>					
<b>Applicant</b>		<b>Reviewer</b>		<b>Item</b>	<b>Item Location</b>
<b>Included</b>	<b>Page Number</b>	<b>C</b>	<b>NC</b>		
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Fully completed, properly signed and notarized Notice of Intent Form (1 original and 2 copies)	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Permit filing fee of \$500 (general permit) or \$1500 (individual permit) payable to the appropriate Clean Water Fund	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Disturbed acre fee payable to the Commonwealth of Pennsylvania Clean Water Fund	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Proof of receipt of municipal and county Acts 14, 67, 68, and 127 notifications; copies of certified mail receipts or acknowledgment letters from the local municipality and county government.	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	A signed PNDI receipt for the project area showing "No Known Impact", or "Avoidance Measures" or "Potential Impact" and proof of delivery to the appropriate jurisdictional agency(ies) where further coordination is required, as appropriate) <i>(Reference the Instructions for a General (PAG-02) OR Individual NPDES Permit for stormwater discharges associated with construction activities- Pennsylvania Natural Heritage Program (PNHP) &amp; Pennsylvania Natural Diversity Inventory)</i>	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Complete Erosion and Sediment Control Plans (3 copies)	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Complete Post Construction Stormwater Management Plan (3 copies)	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Fully completed General Information Form (GIF) (Individual Permits	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	PHMC coordination letter/clearance (Individual Permits for 10 acres or more of disturbance only)	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Appendix A land use questions	

Item Location: D = E&S Drawings, N = E&S Narrative, D or N = Drawings or Narrative  
D & N = Drawings and Narrative

<b>E&amp;S Plan Planning &amp; Design 102.4(b)(4)</b>					
<b>Applicant</b>		<b>Reviewer</b>		<b>Item</b>	<b>Item Location</b>
<b>Included</b>	<b>Page Number</b>	<b>C</b>	<b>NC</b>		
<input checked="" type="checkbox"/>	00-28, 3	<input type="checkbox"/>	<input type="checkbox"/>	The E&S Plan is separate from the PCSM Plan and labeled "E&S" or "Erosion and Sediment Control Plan" and is the final plan for construction.	D & N
<input checked="" type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	Documentation provided that E&S Plan was prepared by person trained and experienced in E&S design methods and techniques applicable to the size and scope of the project	N
<input checked="" type="checkbox"/>	04-28, 2	<input type="checkbox"/>	<input type="checkbox"/>	E&S Plan minimizes extent and duration of earth disturbance	D & N
<input checked="" type="checkbox"/>	04-28, 2	<input type="checkbox"/>	<input type="checkbox"/>	E&S Plan maximizes protection of existing drainage features and vegetation	D & N
<input checked="" type="checkbox"/>	04-28, 2	<input type="checkbox"/>	<input type="checkbox"/>	E&S Plan minimizes soil compaction	D & N
<input checked="" type="checkbox"/>	04-28, 2	<input type="checkbox"/>	<input type="checkbox"/>	E&S Plan utilizes other measures or controls that prevent or minimize generation of increased stormwater runoff	D & N

**Existing topographic features of the project site and the immediate surrounding area §102.4(b)(5)(i)**

<b>Applicant</b>		<b>Reviewer</b>		<b>Item</b>	<b>Item Location</b>
<b>Included</b>	<b>Page Number</b>	<b>C</b>	<b>NC</b>		
<input checked="" type="checkbox"/>	04-21 & 26-28	<input type="checkbox"/>	<input type="checkbox"/>	Topographic map(s) of the project site provided	D



<input checked="" type="checkbox"/>	00-02 & 04-21 & 26-28, ii	<input type="checkbox"/>	<input type="checkbox"/>	Location map (USGS quadrangle) provided	D or N
-------------------------------------	---------------------------------	--------------------------	--------------------------	---	--------

<b>Types, depth, slope, locations and limitations of the soils §102.4(b)(5)(ii)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-02&04-21, iii-vi	<input type="checkbox"/>	<input type="checkbox"/>	Soil map provided	D or N
<input checked="" type="checkbox"/>	24, 6-7	<input type="checkbox"/>	<input type="checkbox"/>	Soil use limitations and their resolutions provided	D or N
<b>Past, present and proposed land uses and proposed alteration to project site §102.4(b)(5)(iii)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	Past land uses for past 50 years addressed	N
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	Present land uses for last 5 years addressed	N
<input checked="" type="checkbox"/>	01-02&04-21&26-28	<input type="checkbox"/>	<input type="checkbox"/>	Proposed alteration/land uses shown on a plan map	D
<b>Volume and rate of runoff from the project site and its upstream watershed area §102.4(b)(5)(iv)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	03	<input type="checkbox"/>	<input type="checkbox"/>	Drainage area maps provided for proposed channels, basins, and traps	D or N
<input checked="" type="checkbox"/>	55	<input type="checkbox"/>	<input type="checkbox"/>	Runoff calculations provided for proposed channels	N
<b>Location of all surface waters and their classification under Chapter 93 §102.4(b)(5)(v)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-02&04-21&26-28	<input type="checkbox"/>	<input type="checkbox"/>	Surface waters shown on plan map(s)	D
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	Existing/designated uses of all streams, lakes, ponds, wetlands or other surface waters identified	D or N
<b>Narrative description of the location and type of perimeter and onsite BMPs §102.4(b)(5)(vi)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	E&S BMPs identified/described	N
<input checked="" type="checkbox"/>	04-21&26-28	<input type="checkbox"/>	<input type="checkbox"/>	E&S BMPs shown on plan map(s)	D
<b>Sequence of BMP installation and removal §102.4(b)(5)(vii)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Construction sequence provided	D
<b>Supporting calculations and measurements §102.4(b)(5)(viii)</b>					
Applicant		Department		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	17-55	<input type="checkbox"/>	<input type="checkbox"/>	Calculations provided for all proposed channels, traps, and basins	N
<input checked="" type="checkbox"/>	17-55	<input type="checkbox"/>	<input type="checkbox"/>	Standard E&S worksheets or equivalents completely filled out	N
<b>Plan drawings §102.4(b)(5)(ix)</b>					
Applicant		Department		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	04-21&26-28	<input type="checkbox"/>	<input type="checkbox"/>	Plan map(s) showing proposed earthmoving provided	D
<input checked="" type="checkbox"/>	25	<input type="checkbox"/>	<input type="checkbox"/>	Details and/or typicals provided for each proposed E&S BMP	D

**Maintenance program §102.4(b)(5)(x)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance of proposed BMPs addressed	D
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Inspection schedule for proposed BMPs provided	D
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Written report documenting inspections and repairs specified	D

**Recycling or disposal of materials §102.4(b)(5)(xi)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Anticipated construction wastes identified	D
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Instructions provided for proper recycling/disposal of materials provided	D

**Geologic formations/soil conditions that may have the potential to cause pollution §102.4(b)(5)(xii)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Geologic/soil conditions addressed	D or N
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Where potential for pollution identified, measures provided to avoid/minimize/or mitigate	D

**Potential thermal impacts to surface waters §102.4(b)(5)(xiii)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Potential for thermal impacts addressed	D or N
<input checked="" type="checkbox"/>	24	<input type="checkbox"/>	<input type="checkbox"/>	Where potential for impacts exists, measures provided to avoid/minimize/or mitigate	D

**E&S Plan designed and implemented to be consistent with PCSM Plan §102.4(b)(5)(xiv)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-02&16-21	<input type="checkbox"/>	<input type="checkbox"/>	Proposed structural PCSM BMPs shown on the E&S plan map(s)	D
<input checked="" type="checkbox"/>	01-02&16-21	<input type="checkbox"/>	<input type="checkbox"/>	Existing/proposed riparian buffers outside limits of disturbance	D
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Proposed infiltration BMPs outside proposed grading areas	D

**Existing/proposed riparian forest buffers §102.4(b)(5)(xv)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-02&16-21	<input type="checkbox"/>	<input type="checkbox"/>	Existing/proposed riparian forest buffers shown on plan map(s)	D
<input checked="" type="checkbox"/>	01-02&16-21	<input type="checkbox"/>	<input type="checkbox"/>	Existing/proposed riparian forest buffers outside limits of disturbance	D
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Protection provided for wetlands within riparian forest buffer	D or N
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Riparian buffer offset shown, if necessary	D

**Antidegradation Analysis**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Equivalency demonstration for alternative BMPs to a riparian buffer or riparian forest buffer	
<input checked="" type="checkbox"/>	56-57	<input type="checkbox"/>	<input type="checkbox"/>	Evaluation of nondischarge alternatives, including demonstration that a nondischarge alternative does not exist for both E&S and PCSM	N
<input checked="" type="checkbox"/>	04-21&25	<input type="checkbox"/>	<input type="checkbox"/>	ABACT included where a nondischarge alternative does not exist for both E&S and PCSM	D or N



04-21,56-57	<input type="checkbox"/>	<input type="checkbox"/>	Nondischarge and ABACT BMPs have been identified for both E&S and PCSM	D or N
-------------	--------------------------	--------------------------	--	--------

Item Location: D = PCSM Drawings, N = PCSM Narrative, D or N = Drawings or Narrative  
D & N = Drawings and Narrative

**General PCSM planning and design 102.8(b)**

**PCSM Plan - General**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	00-16, 2-3	<input type="checkbox"/>	<input type="checkbox"/>	The PCSM Plan is separate from the E&S Plan and labeled "PCSM" or "Post Construction Stormwater Management Plan" and is the final plan for construction.	D & N
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Municipal or county engineer consistency letter provided	N
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Act 167 plan is dated January 2005 or later	N
<input checked="" type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	Documentation provided that PCSM Plan was prepared by person trained and experienced in PCSM design methods and techniques applicable to the size and scope of the project	N
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Preserve the integrity of stream channels and maintain and protect the physical, biological and chemical qualities of the receiving stream	D or N
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Prevent an increase in the rate of stormwater runoff	D or N
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Minimize any increase in stormwater runoff volume	D or N
<input checked="" type="checkbox"/>	09-15,1-2	<input type="checkbox"/>	<input type="checkbox"/>	Minimize impervious areas	D & N
<input checked="" type="checkbox"/>	09-15,1-2	<input type="checkbox"/>	<input type="checkbox"/>	Maximize the protection of existing drainage features and existing vegetation	D & N
<input checked="" type="checkbox"/>	09-15,1-2	<input type="checkbox"/>	<input type="checkbox"/>	Minimize land clearing and grading	D & N
<input checked="" type="checkbox"/>	09-15,1-2	<input type="checkbox"/>	<input type="checkbox"/>	Minimize soil compaction	D or N
<input checked="" type="checkbox"/>	09-15,1-2	<input type="checkbox"/>	<input type="checkbox"/>	Utilize other structural or nonstructural BMPs that prevent or minimize changes in stormwater runoff	D & N

**Existing topographic features of the project site and the immediate surrounding area §102.8(f)(1)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Topographic map(s) of the project site provided	D
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Location map (USGS quadrangle) provided	D
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Type of cover	D

**Types, depth, slope, locations and limitations of the soils and geologic formations §102.8(f)(2)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Soil map provided	D
<input checked="" type="checkbox"/>	15,4-6	<input type="checkbox"/>	<input type="checkbox"/>	Soil use limitations and their resolutions provided	D or N
<input checked="" type="checkbox"/>	15,2& APP B	<input type="checkbox"/>	<input type="checkbox"/>	Site characterization of soil and geology, including appropriate infiltration and geological studies that identify location, depths, and methodology	D & N
<input checked="" type="checkbox"/>	15,2	<input type="checkbox"/>	<input type="checkbox"/>	Geologic mapping features addressed where appropriate	D or N

<b>Characteristics of the project site, including the past, present and proposed land uses and the proposed alteration to the project site §102.8(f)(3)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Permit boundaries	D
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Proposed limits of disturbance	D
<input checked="" type="checkbox"/>	03-14	<input type="checkbox"/>	<input type="checkbox"/>	Proposed contours and grades	D
<input checked="" type="checkbox"/>	03-14	<input type="checkbox"/>	<input type="checkbox"/>	Proposed improvements (i.e. roads, buildings, utilities etc.)	D
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	Past, present and proposed land uses	N
<input checked="" type="checkbox"/>	03-14	<input type="checkbox"/>	<input type="checkbox"/>	Proposed waterways and stormwater management facilities shown on the plan maps	D
<input checked="" type="checkbox"/>	03-14	<input type="checkbox"/>	<input type="checkbox"/>	Proposed impervious areas minimized & shown on plan map(s)	D
<b>Net change in volume and rate of stormwater §102.8(f)(4)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	2, 7-33	<input type="checkbox"/>	<input type="checkbox"/>	Design storm used for calculations identified	N
<input checked="" type="checkbox"/>	7-33	<input type="checkbox"/>	<input type="checkbox"/>	Pre- and post-construction hydrology runoff rate and volume are identified for each drainage area of entire project site	N
<input checked="" type="checkbox"/>	7-33	<input type="checkbox"/>	<input type="checkbox"/>	The net change in runoff rate and volume are identified for each drainage area of the entire project site	N
<input checked="" type="checkbox"/>	34-49	<input type="checkbox"/>	<input type="checkbox"/>	Summary table in NOI consistent with runoff calculations, when applicants have utilized the manual to meet design standards	N
<input checked="" type="checkbox"/>	1-2	<input type="checkbox"/>	<input type="checkbox"/>	Documentation summarizing the PCSM requirements (rate, volume, and water quality) for a DEP approved Act 167 plan, if applicable	N
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Documentation summarizing the alternative approach's design criteria for rate, volume and water quality, if applicable	N
<b>Receiving surface waters §102.8(f)(5)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Existing streams, wetlands, floodways, and watercourses shown on plan map(s)	D
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	Existing and designated uses identified	D or N
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Boundaries for HQ or EV watersheds shown on plan map(s)	D
<input checked="" type="checkbox"/>	01-14	<input type="checkbox"/>	<input type="checkbox"/>	Wetland boundaries consistent with delineation report	D
<b>Written Description of the PCSM BMPs §102.8(f)(6)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	09-14, 1-52	<input type="checkbox"/>	<input type="checkbox"/>	All permanent PCSM BMPs identified in the narrative and shown on plan drawings	D & N
<input checked="" type="checkbox"/>	15-16	<input type="checkbox"/>	<input type="checkbox"/>	Specifications for all permanent PCSM BMPs provided	D
<input checked="" type="checkbox"/>	09-16	<input type="checkbox"/>	<input type="checkbox"/>	Proprietary BMP systems are illustrated on the drawings in accordance with their manufacturer's requirements	D
<b>Sequence of PCSM BMP implementation or installation §102.8(f)(7)</b>					
Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Complete and site specific sequence of BMP installations provided	D
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Construction sequence addresses all structural BMPs	D
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Sequence for individual BMP installation	D
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Critical stages of BMP installation are identified	D
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Protection provided for infiltration BMPs until drainage areas completely stabilized	D

**Supporting calculations §102.8(f)(8)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	34-49	<input type="checkbox"/>	<input type="checkbox"/>	Worksheets from the Stormwater BMP Manual provided when applicants have utilized the manual to meet design standards	N
<input checked="" type="checkbox"/>	34-49	<input type="checkbox"/>	<input type="checkbox"/>	Figures contained on worksheets consistent with those in NOI/application when applicants have utilized the manual to meet design standards	N
<input checked="" type="checkbox"/>	7-49	<input type="checkbox"/>	<input type="checkbox"/>	Calculations for all permanent BMPs and points of interest provided	N
<input checked="" type="checkbox"/>	7-49	<input type="checkbox"/>	<input type="checkbox"/>	Methodology used for all calculations is identified. Calculations demonstrating that rate, volume, and water quality were met in accordance with 102.8(g)(2)(i-iii) and 102.8(g)(3)(i-ii) AND/OR a DEP approved Act 167 plan OR an alternative approach	N
<input checked="" type="checkbox"/>	7-14	<input type="checkbox"/>	<input type="checkbox"/>	Routing analysis to demonstrate peak control for the 2-, 10-, 50-, and 100-year/24-hour storm events, which considers benefits of proposed BMPs provided	N

**Plan drawings §102.8(f)(9)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	01-08	<input type="checkbox"/>	<input type="checkbox"/>	Locations of all proposed BMPs shown along with tributary drainage areas	D
<input checked="" type="checkbox"/>	01-08	<input type="checkbox"/>	<input type="checkbox"/>	Existing and proposed discharges & points of interest shown	D
<input checked="" type="checkbox"/>	03-14	<input type="checkbox"/>	<input type="checkbox"/>	PCSM Plan drawings consistent with E&S Plan in relation to proposed contours, improvements, soils, wetlands, floodways, streams, discharge locations, etc.	D
<input checked="" type="checkbox"/>	16	<input type="checkbox"/>	<input type="checkbox"/>	Construction details provided for all PCSM BMPs	D
<input checked="" type="checkbox"/>	09-16, 15-33	<input type="checkbox"/>	<input type="checkbox"/>	Dimensions and elevations consistent with those used in supporting calculations	D & N

**Long-term operation and maintenance schedule §102.8(f)(10)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Inspection schedule of each permanent BMP is provided	D
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Directions for maintenance and/or replacement of each BMP provided	D

**Recycling or disposal of materials §102.8(f)(11)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Project wastes identified	D
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Directions for recycling /disposal of wastes provided	D

**Geologic formations or soil conditions §102.8(f)(12)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Potential for geologic or soil conditions to cause pollution during construction identified	N
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Instructions for proper handling and/or disposal of all materials which could cause pollution are provided	D
<input checked="" type="checkbox"/>	15	<input type="checkbox"/>	<input type="checkbox"/>	Typical details & instructions provided for proper handling and/or disposal of all such materials	D
<input checked="" type="checkbox"/>	09-14	<input type="checkbox"/>	<input type="checkbox"/>	Locations of all such materials clearly shown on plan maps	D



**Potential thermal impacts §102.8(f)(13)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	Description provided of how thermal impacts of stormwater runoff from project site were avoided, minimized, or mitigated	N

**Riparian forest buffer management plan §102.8(f)(14)**

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>	09-14	<input type="checkbox"/>	<input type="checkbox"/>	Existing and/or proposed riparian forest buffers shown on plan map(s)	D
<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	Impairment and TMDL status of the receiving water(s) for the project indicated	N
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Riparian buffer offset areas shown, if necessary	D & N
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Riparian buffer or riparian forest buffer equivalency demonstration included, if necessary	D & N
<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	Checklist for functional equivalency of riparian buffers and riparian buffers included	N

### COMPLETENESS ITEMS BY PERMIT TYPE

Check-off: C = Complete, NC = Not Complete

Item Location: D = E&S/PCSM Drawings, N = E&S/PCSM Narrative, D or N = Drawings or Narrative  
D & N = Drawings and Narrative

#### CHECKLIST FOR NEW NPDES PERMITS

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	1. All items included in the standard E&S and PCSM completeness review checklist	

#### CHECKLIST FOR NPDES PERMIT RENEWALS

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	1. If no changes have been made to the approved E & S and PCSM plan, the applicant does not need to submit these plans and letters again. However, if changes have been made to the plans, the revised plans must be resubmitted for approval and all letters must be reapplied for and included.	

#### CHECKLIST FOR PHASED NPDES PERMIT

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	1. All items included in new NPDES permit application	
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	2. Anticipated project plan for entire project	
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	3. Estimated time frame for phases	

#### CHECKLIST FOR NPDES PERMIT MAJOR AMENDMENT

Applicant		Reviewer		Item	Item Location
Included	Page Number	C	NC		
<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	1. All items included in new NPDES permit application.	