

This file includes all three checklists with perspective guidance documents, as well as Appendix 1.

To access the desired checklist and guidance document, go to the bottom of this page and click on the appropriate tab.

Use the arrows on the bottom left hand corner of this page to advance the tabs for the 2020 checklists.

**Summary of changes to checklist items:**

Provide name and email of the person filling out the checklist

References to material found in NPDES permits have been added in the Guidance pages

	<i>Checklist Item</i>	
<u>GAR100001</u>	#5	Provide the email address of the primary permittee
	#13	Guidance page: "State Soil and Water Conservation Commission" has been changed to "Georgia Soil and Water Conservation Commission".
	#22	BMPs for discharge into Impaired Streams have changed; refer to Section III.C.2.a.-v.
	#22	Guidance page: "305(b)/303(d) List Documents (Final)" has been changed to "305(b)/303(d) List Documents (Approved)"
	#27	New item added to checklist: "Description of practices to provide cover for building materials and building products on site."
	#30	New wording in permit to be included on Plan (Inspections and record keeping); refer to Section IV.D.4.a. on pages 31-33
	#31	New wording in permit to be included on Plan (Reporting); refer to Section IV.E on page 37
<u>GAR100002</u>	#4	Provide the email address of the primary permittee
	#12	Guidance page: "State Soil and Water Conservation Commission" has been changed to "Georgia Soil and Water Conservation Commission".
	#22	BMPs for discharge into Impaired Streams have changed; refer to Section III.C.2.a.-v.

- #22 Guidance page: "305(b)/303(d) List Documents (Final)" has been changed to "305(b)/303(d) List Documents (Approved)"
- #27 New item added to checklist: "Description of practices to provide cover for building materials and building products on site."
- #30 New wording in permit to be included on Plan (Inspections and record keeping); refer to Section IV.D.4.a. on pages 32-34
- #31 New wording in permit to be included on Plan (Reporting); refer to Section IV.E on page 40

GAR100003

- #5 Provide the email address of the primary permittee
- #13 Guidance page: "State Soil and Water Conservation Commission" has been changed to "Georgia Soil and Water Conservation Commission".
- #23 BMPs for discharge into Impaired Streams have changed; refer to Section III.C.2.a.-v.
- #23 Guidance page: "305(b)/303(d) List Documents (Final)" has been changed to "305(b)/303(d) List Documents (Approved)"
- #27 New item added to checklist: "Description of practices to provide cover for building materials and building products on site."
- #31 New wording in permit to be included on Plan (Inspections and record keeping); refer to Section IV.D.4.a. - c. on pages 34-40
- #32 New wording in permit to be included on Plan (Reporting); refer to Section IV.E on pages 44-45

Appendix 1

- d. Revised
- e. Revised
- i. Revised
- m. Removed (which caused lettering sequence to change)
- new n. / old o. Revised
- new u. New
- new v. New

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
STAND ALONE CONSTRUCTION PROJECTS**

SWCD: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/County: \_\_\_\_\_ Date on Plans: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan Included

Page # Y/N

**TO BE SHOWN ON ES&PC PLAN**

- |                          |                          |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.<br><i>(The completed Checklist must be submitted with the ES&amp;PC Plan or the Plan will not be reviewed)</i>                                                                                                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 Level II certification number issued by the Commission, signature and seal of the certified design professional.<br><i>(Signature, seal and Level II number must be on each sheet pertaining to ES&amp;PC plan or the Plan will not be reviewed)</i>                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist. *<br><i>(A copy of the written approval by EPD must be attached to the plan for the Plan to be reviewed.)</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution                                                                                                                                                                                                                                                                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 Provide the name, address, <b>email address</b> , and phone number of primary permittee.                                                                                                                                                                                                                                                                                                                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 Note total and disturbed acreage of the project or phase under construction.                                                                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degree                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the re                                                                                                                                                                                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 9 Description of the nature of construction activity.                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if nece                                                                                                                                                                                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.                                                                                                                                                                                                                                       |
| <input type="checkbox"/> | <input type="checkbox"/> | 12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on <b>Part IV page 19</b> of the permit.                                                                                                                                                                                                                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | 13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an ap and comprehensive system of BMPs and sampling to meet permit requirements as stated on <b>Part IV page 19</b> of the permit. *                                                                                                                                                                        |
| <input type="checkbox"/> | <input type="checkbox"/> | 14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the install initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with <b>Part IV.A.5 page 25</b> of the permit. *                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wretched vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *                                                                                                                                                                                                                          |

- 18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." \*
- 19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
- 20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- 21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- 22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. \*
- 23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. \*
- 24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. \*
- 25 Provide BMPs for the remediation of all petroleum spills and leaks.
- 26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. \*
- 27 Description of practices to provide cover for building materials and building products on site. \*
- 28 Description of the practices that will be used to reduce the pollutants in storm water discharges. \*
- 29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
- 30 Provide complete requirements of inspections and record keeping by the primary permittee. \*
- 31 Provide complete requirements of sampling frequency and reporting of sampling results. \*
- 32 Provide complete details for retention of records as per Part IV.F. of the permit. \*
- 33 Description of analytical methods to be used to collect and analyze the samples from each location. \*
- 34 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*
- 35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. \*
- 36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. \*

37 Graphic scale and North arrow.

38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2,5 or 10

39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.org](http://www.gaswcc.org).

40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. \*

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.

43 Delineation and acreage of contributing drainage basins on the project site.

44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. \*

45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities at completed.

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

47 Soil series for the project site and their delineation.

48 The limits of disturbance for each phase of construction.

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.

\* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the \* checklist items would be N/A.

**Effective January 1, 2020**

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
STAND ALONE CONSTRUCTION PROJECTS**

SWCD: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/County: \_\_\_\_\_ Date on Plans: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan	Included
Page #	Y/N
<input type="checkbox"/>	<input type="checkbox"/>

**TO BE SHOWN ON ES&PC PLAN**

1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission of the year in which the land-disturbing activity was permitted.

(The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed) **Permit II.B.1.a pg 12**

<input type="checkbox"/>	<input type="checkbox"/>
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2 Level II certification number issued by the Commission, signature and seal of the certified design professional (Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed) **Permit II.B.1.b pg 12**  
The Level II certification must be issued to the Design Professional whose signature and seal are on the Plan

<input type="checkbox"/>	<input type="checkbox"/>
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3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include the BMPs listed in Appendix 1 of this checklist. \*

(A copy of the written approval by EPD must be attached to the plan for the Plan to be reviewed.) **Permit II.B.1.c pg 12**

<input type="checkbox"/>	<input type="checkbox"/>
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4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution control. **May be shown on ES&PC Plan sheets and/or ES&PC notes. Permit II.B.1.c pg 12**

<input type="checkbox"/>	<input type="checkbox"/>
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5 Provide the name, address, **email address**, and phone number of primary permittee.

**May be shown on cover sheet, ES&PC Plan or under ES&PC notes. Permit II.B.1.b pg 12**

<input type="checkbox"/>	<input type="checkbox"/>
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6 Note total and disturbed acreage of the project or phase under construction.

**Must be shown on ES&PC Plan or under ES&PC notes. Permit IV.D.2.c pg 27**

<input type="checkbox"/>	<input type="checkbox"/>
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7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal coordinates. **GPS location of the construction exit must be shown on cover sheet and may also be shown on ES&PC Plan sheets and/or ES&PC notes. It must match the NOI. Permit II.B.1.a pg 12**

<input type="checkbox"/>	<input type="checkbox"/>
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8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revision. **The initial Plan date should be shown on all pages. With each resubmittal, the revision date and entity requested should be shown on cover sheet and each sheet that has been revised.**

<input type="checkbox"/>	<input type="checkbox"/>
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9 Description of the nature of construction activity.

**Provide a description of the existing site and a description of the proposed project. These must be shown on cover sheet and each sheet that has been revised. Permit IV.D.2.a pg 27**

<input type="checkbox"/>	<input type="checkbox"/>
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10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if applicable. **Site location must be delineated showing surrounding area roads and highways. If the project is being done in multiple phases, each individual phase must be delineated and labeled. This information is important for Plan Reviewers if needed, or if the site needs to be located on another map. Permit IV.D.2.e pg 27**

<input type="checkbox"/>	<input type="checkbox"/>
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11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, reservoirs, wetlands, marshlands, etc. which may be affected.

**The name of the initial receiving water(s) or if unnamed, the first named blue line stream indicated on the nearest USGS Topographic map, and when the discharge is through a municipal separate storm sewer system (MS4) of the local government operating the municipal separate storm sewer system and the name of the receiving water body which receives the discharge from the MS4, and the permittee's determination of whether the receiving water is sensitive.**

supports warm water fisheries or is a trout stream. Describe any neighboring area which could be affected post-developed runoff from the site. **Permit IV.D.2.f pg 27**

 

12 Design professional's certification statement and signature that the site was visited prior to development of Plan as stated on **Part IV page 19** of the permit.

The following statement and the signature of the design professional must be shown on the ES&PC Plan notes. "I certify under penalty of law that this Plan was prepared after a site visit to the locations described or my authorized agent, under my supervision."

 

13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for a and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page**

The following statement and the signature of the design professional must be shown on the ES&PC Plan notes. "I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an applicable comprehensive system of Best Management Practices required by the Georgia Water Quality Control Act "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the **Georgia** Soil and Water Commission as of January 1 of the year in which the land-disturbing activity was permitted, provides for the receiving water(s) or the sampling of the storm water outfalls and that the designed system of Best Management and sampling methods is expected to meet the requirements contained in the General NPDES Permit No.

 

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." \*

The Plan must include a statement indicating that the primary permittee must retain the design professional; the Plan, except when the primary permittee has requested in writing and EPD has agreed to an alternate professional, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs. The design professional shall determine if the BMPs have been installed and are being maintained as designed. The design professional shall report the inspection to the primary permittee within seven (7) days and the permittee must correct all deficiencies within five (5) business days of receipt of the inspection report from the design professional unless weather related site conditions such that additional time is required. **Permit IV.A.5 pg 25**

 

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed buffers as measured from the point of wooded vegetation or within 25-feet of the coastal marshland buffer from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

See **Part IV.(i) - (iv) on pages 19-24** of the permit and show under ES&PC notes.

 

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

When the project requires an approved buffer variance from the GA EPD, an indication shall be shown on the ES&PC Plan. A description of the encroachment activity must be shown on the ES&PC Plan or under ES&PC notes.

 

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on the hydraulic component must be certified by the design professional." \*

See **Part IV.C. on page 26** of the permit. This can be clarified in a narrative and shown under ES&PC notes or amendments should be submitted to the Local Issuing Authority for review.

 

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as provided for in a Section 404 permit." \*

The Plan must include a description of how waste materials, including waste building materials, construction debris, concrete washout, excavated sediment, etc., will be properly disposed of. Any disposal of solid waste to the State is prohibited unless authorized by a Section 404 permit. **Permit IV.D.3.c.(1) pg 30**

 

19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of sediment control measures and practices prior to land disturbing activities."



Must be shown on ES&PC Plan or under ES&PC notes.

- 20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."  
**Must be shown on ES&PC Plan or under ES&PC notes.**
- 21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized or temporary seeding."  
**Must be shown on ES&PC Plan or under ES&PC notes. Permit IV.D.3.a.(1) pg 28**
- 22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 mile of and within the same watershed as, any portion of an Impaired Stream Segment must comply with the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site adjacent to the Impaired Stream Segment. \*  
**If any storm water associated with construction activities discharges into an Impaired Stream Segment that violates the criteria for the criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community) within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in Part III.C.2.a. - v. of the permit. The Impaired Stream Segment should be delineated on the ES&PC Plan. Georgia's most current and subsequent "305(b)/303(d) List Document" can be viewed on the GAEPD website ([www.gaepd.org/Documents/305b.html](http://www.gaepd.org/Documents/305b.html)) Permit III.C.2.a. - v. pg 15-**
- 23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions and requirements included in the TMDL Implementation Plan. \*  
**List of TMDL Implementation Plans can be viewed on the GAEPD website, [www.gaepd.org](http://www.gaepd.org). The TMDL Implementation Plan for sediment should be delineated on the ES&PC Plan. Permit III.C.1 pg 15**
- 24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washdown at the construction site is prohibited. \*  
**When the project allows the concrete washdown of tools, concrete mixer chutes, hoppers and rear of the vehicles at the project site delineate the location of the area provided for washing and provide detail of BMPs that will be used. If the project does not allow the concrete washdown on the project site, note that on the Plan. Permit IV.D.3.c.(4) pg 28**
- 25 Provide BMPs for the remediation of all petroleum spills and leaks.  
**The Plan must provide BMPs and guidance for the prevention of spills and leaks of petroleum products from areas where such products are stored or used as well as guidance for the proper remediation of any spills and leaks that occur. This information can be in the form of a separate Spill Prevention/Spill Response document so long as the information accompanies the Plan. Permit IV.D.3.c.(5) pg 31**
- 26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. \*  
**The Plan must contain a description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. These may include storage and retention structures, use of vegetated swales and natural depressions for flow attenuation or a combination of these practices (sequential systems). The Plan must also include a technical explanation of the basis used to select these practices where flows will exceed pre-development levels. The Plan must indicate that velocity dissipators shall be placed at discharge locations and along the length of any outflow channel in order to provide a non-erosive outlet. The natural physical and biological characteristics and functions of the water course are maintained and protected. The installation of these devices may be subject to Section 404 of the Federal Clean Water Act.**  
**Note: The permittee is only responsible for the installation and maintenance of storm water management structures during construction and final stabilization of the site and not the operation and maintenance of such structures after construction activities are completed.**

completed. **Permit IV.D.3.b pg 29**

 

27 Description of practices to provide cover for building materials and building products on site. \*

The Plan must contain a description of measures, such as plastic sheeting or temporary roofs, to cover building materials and building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, and other materials in order to minimize exposure to precipitation and to stormwater. **Permit IV.D.3.c.(2)**

 

28 Description of the practices that will be used to reduce the pollutants in storm water discharges. \*

The Plan must identify all potential sources of storm water pollution expected to be present on the site and provide a narrative explaining how the pollutants will be minimized in the storm water discharges. **Permit IV pg 24**

 

29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portion of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, temporary and final stabilization).

Activity schedule must be site specific. The narrative description and timeline for each phase of construction must be shown on ES&PC Plan sheet or under ES&PC notes. **Permit IV.D.2.b pg 27**

 

30 Provide complete requirements of Inspections and record keeping by the primary permittee. \*

The Plan must include all of the Inspections and record keeping requirements of the primary permittee as shown on the Plan under ES&PS notes. **Part IV.D.4.a. on pages 31-33** of the permit. The complete Inspection and record keeping requirements shall be shown on the Plan under ES&PS notes.

 

31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. \*

See **Part IV.D.6.d pages 35-37** Sampling Frequency and **Part IV.E page 37** Reporting in the permit. Complete Sampling Frequency and Reporting requirements are to be shown on the Plan under ES&PC notes.

 

32 Provide complete details for Retention of Records as per Part IV.F. of the permit. \*

See **Part IV.F page 38** Retention of Records in the permit. Complete details of Retention of Records are to be shown on the Plan under ES&PC notes.

 

33 Description of analytical methods to be used to collect and analyze the samples from each location. \*

This narrative must be shown on the Plan under ES&PC notes and shall include quality control/assurance and precise sampling methodology for each sampling location. **Permit IV.D.6.a. - c. pg 33-35**

 

34 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*

When the permittee has determined that some or all outfalls will be monitored, a rationale must be shown on the Plan under ES&PC notes which includes the NTU limit(s) selected from Appendix B. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water body (e.g., trout stream or supporting warm water fisheries). **Permit IV.D.6.a.(3) pg 33**

 

35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. \*

The Plan shall include a USGS topographic map, a topographic map or a drawing (referred to as a topographic map) at a scale equal to or more detailed than a 1:24000 map showing the locations of the site or the common drainage area. The map must include (a) the location of all perennial and intermittent streams and other water bodies as shown on the topographic map, and all other perennial and intermittent streams and other water bodies located during the construction site verification, into which the storm water is discharged and (b) the receiving water and/or outfall sampling location. If the permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map to show the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the receiving water(s) shown on the USGS topographic map. **Permit IV.D.6.a.(1) pg 33**

 

36 A description of appropriate controls and measures that will be implemented at the construction site including

sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs BMPs. For construction sites where there will be no mass grading and the sediment storage requirements

perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan all of the BMPs into a single phase. \*

The Plan must be shown in a minimum of three phases with each phase shown on a separate sheet. Initial Plan must include the required 67 cy per acre sediment storage, construction exit, tree-save fence if applicable other BMPs necessary to prevent sediment from leaving the site such as silt fence, inlet protection on exis structures, diversions, check dams, temporary ground cover, etc. Limits of disturbance for the initial phase the areas needed to install initial BMPs. The intermediate phase should show rough grading and utility co should include initial inlet protection, additional silt fence as needed, any revised sediment storage needec basins are altered, outlet protection, retrofit if applicable, matting with temporary or permanent vegetation ; temporary down drains, filter rings, etc. Final phase of Plan should show finished grade, curbing and pavim building construction if applicable, etc. BMPs should include permanent vegetation, appropriate inlet prote For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermed drainage BMPs, and the final BMPs are the same, the Plan may combine all of the BMPs into a single pha Plan will include appropriate staging and access requirements for construction equipment. **Permit IV.D.3 j**



37 Graphic scale and North arrow.

The graphic scale and North arrow must be clearly shown on all phases of the ES&PC Plan sheets.



38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2%	0.5 or 1
	Rolling 2 - 8%	1 or 2
	Steep 8% +	2,5 or 10

The initial, intermediate, and final phase sheets of the Plan must show the proposed grade in bold contour above intervals overlaying the original contour lines. Elevations of both the existing and proposed contour shown.



39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.org](http://www.gaswcc.org).

Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.georgia.gov](http://www.gaswcc.georgia.gov) **Permit IV.D.3**



40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. \*

Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.



41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

The State Law of Georgia mandates these minimum undisturbed buffers, but the Local Issuing Authorities require more stringent buffers of State waters. The minimum undisturbed buffers required by the State and of State waters required by the issuing authority must be delineated. Any undisturbed buffer area that is in project site must be noted on the Plan. **Permit IV.D.2.e pg 27**



42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.

**ALL STATE WATERS LOCATED ON AND WITHIN 200 FEET OF THE PROJECT SITE MUST BE DELINEATED ON ALL PHASES OF THE PLAN.** When a project is located in a jurisdiction with a certified Local Issuing Authority, the LIA must make a determination of State waters that are not delineated on the Plan, the Plan review could be beyond the full forty-five day review time allowed to the LIA, or the full thirty-five day review time allowed to the District is reviewing the Plan. For all projects in a jurisdiction where there is no certified Local Issuing Authority, that project, EPD is responsible for State waters determinations and there are no time limits for reviewing them. **ALL WETLANDS LOCATED WITHIN THE PROJECT SITE ONLY MUST BE DELINEATED.**

If the Local Issuing Authority requires an undisturbed buffer of wetlands, delineate required buffer.

43 Delineation and acreage of contributing drainage basins on the project site.

All existing drainage basins on the project site and their acreage must be delineated on the existing conditions in the initial phase of the Plan. As the basins are altered or new ones created during intermediate and final phases, the basins and their acreage must be delineated throughout each phase of the Plan. **Permit IV.D.2.e pg 27**

 

44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. \*

Hydrology study and drainage maps should be separate from the Plan. Maps should include each individual drainage basin, showing its total acreage, and showing its location relative to, through, and from, the project site, with each one delineated, labeled and showing its total acreage.

 

45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

The Plan must provide both pre- and post-construction estimates of the runoff coefficient or peak discharge flow. This can be in the form of a hydrologic study so long as that study is made a part of the Plan and accompanies the Plan. A complete hydrologic study is not a required element of the Plan, only the pre and post-construction estimates of the runoff coefficient or peak discharge flow for the site. **Permit IV.D.2.d pg 27**

 

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

The storm-drain pipe and weir velocities must show the flow characteristics of the pipe at full flow including flow rate (cfs), velocity (fps), and tailwater conditions. This information should be shown in a chart on the site plan, ES&PC intermediate phase sheet, or on the ES&PC detail sheet that shows outlet protection. The dimensions of the apron must include length (La), width at the headwall (W1), down-stream width (W2), stone diameter (d50), and stone depth (D) designed in accordance with Figures 6-34.1 and 6-34.2 in the Manual. Velocity dissipation devices shall be placed at all discharge locations and along the length of any outfall structure for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical, chemical, biological functions and characteristics are maintained and protected.

 

47 Soil series for the project site and their delineation.

Soil series delineations are required for the Plan review and can be found on the NRCS web site. The soil survey required for the project site, such as a level three or level four survey for projects that will be using the Plan, must be delineated on the Plan. The soil series delineation should be shown on the existing site Plan or the Plan. A chart listing the soils located on the project should be shown on the sheet with their delineation.

 

48 The limits of disturbance for each phase of construction.

The limits of disturbance for the initial phase should delineate only the area required to be disturbed for the perimeter control and initial sediment storage. The intermediate phase should delineate the entire area to be disturbed for that phase, such as grading, drainage, utilities installed, etc. The final phase should delineate any additional areas to be disturbed such as individual lots, etc.

 

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, a retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site is achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not provided must be included in the Plan for each common drainage location in which a sediment basin is not provided. Worksheets from the Plan must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees shall utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

For each common drainage location, a temporary (or Permanent) sediment basin (Sd3, Sd4, Rt, or excavate) at least 67 cubic yards of storage per acre drained, or equivalent control measures, shall be provided until the site. The 67 cubic yards of storage per acre does not apply to flows from off-site areas and flows from that are either undisturbed or have undergone final stabilization where such flows are diverted around both area and the sediment basin. Sediment basins may not be appropriate for some common drainage locations; justification explaining the decision not to use sediment basins must be included in the Plan. Worksheets must be completed and shown on the Plan or attached to the Plan for each temporary sediment basin design project. All cross sections and details required per the Manual for Sd3's must be shown on the ES&PC detail Plan. Completed worksheets from the Manual must be shown on the Plan for each retrofit and excavated trap. When the design professional chooses to use equivalent controls the calculations used to obtain the cubic yards per acre drained must be included on the Plan. If outlet structures that withdraw water from the surface are feasible, a written justification explaining this decision must be included in the Plan. **Permit IV.D.3.a.(3) page 10**

 

50 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

BMPs for all phases of the Plan must be consistent with and no less stringent than the Manual and shown with uniform coding symbols from the Manual. The uniform coding symbols legend from the Manual must be included and shown on detail sheet or any of the ES&PC Plan sheets.

 

51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines in the Manual for Erosion and Sediment Control in Georgia.

The erosion and sediment control detail sheet must show a detailed drawing for each structural BMP. All BMPs and details shown must, at a minimum, meet the guidelines given in the Manual. Note that a worksheet is provided in the Manual for most structural BMPs that must be included on the ES&PC Plan or detail sheet.

 

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting rates, seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year and for the appropriate geographic region of Georgia.

Must be shown on ES&PC Plan, on the ES&PC detail sheet or under ES&PC notes.

\* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the \* checklist items would be N/A.

**Effective January 1, 2020**



**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
INFRASTRUCTURE CONSTRUCTION PROJECTS**

SWCD: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/County: \_\_\_\_\_ Date on Plans: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan Page #	Included Y/N
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**TO BE SHOWN ON ES&PC PLAN**

- |                          |                          |                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.<br><i>(The completed Checklist must be submitted with the ES&amp;PC Plan or the Plan will not be reviewed)</i>                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 Level II certification number issued by the Commission, signature and seal of the certified design professional.<br><i>(Signature, seal and Level II number must be on each sheet pertaining to ES&amp;PC Plan or the Plan will not be reviewed)</i>                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution control.                                                                                                                                                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 Provide the name, address, <b>email address</b> , and phone number of primary permittee.                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 Note total and disturbed acreage of the project or phase under construction.                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.                                                                                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revision.                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 8 Description of the nature of construction activity.                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | 9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if applicable.                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, reservoirs, wetlands, marshlands, etc. which may be affected.                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on <b>Part IV page 21</b> of the permit.                                                                                                                                                         |
| <input type="checkbox"/> | <input type="checkbox"/> | 12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for a comprehensive system of BMPs and sampling to meet permit requirements as stated on <b>Part IV page 22</b> of the permit.                                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for re-sampling as stated on <b>Part IV.D.6.c.(3) page 37</b> of the permit as applicable. *                                                                                                                                         |
| <input type="checkbox"/> | <input type="checkbox"/> | 14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after installation in accordance with <b>Part IV.A.5 page 26</b> of the permit. *                                               |
| <input type="checkbox"/> | <input type="checkbox"/> | 15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed buffers as measured from the point of wrenched vegetation or within 25-feet of the coastal marshland buffer from the Jurisdictional Determination Line without first acquiring the necessary variances and permits." |
| <input type="checkbox"/> | <input type="checkbox"/> | 16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.                                                                                                                                                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on the hydraulic component must be certified by the design professional." *                                                                                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as stated in Section 404 permit." *                                                                                                                                                                                             |

- 19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
- 20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- 21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized or temporary seeding."
- 22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 lineal foot of and within the same watershed as, any portion of an Impaired Stream Segment must comply with the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site adjacent to the Impaired Stream Segment. \*
- 23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions and requirements included in the TMDL Implementation Plan. \*
- 24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Wash water at the construction site is prohibited. \*
- 25 Provide BMPs for the remediation of all petroleum spills and leaks.
- 26 Description of the measures that will be installed during the construction process to control pollutants in storm water runoff that will occur after construction operations have been completed. \*
- 27 Description of practices to provide cover for building materials and building products on site. \*
- 28 Description of the practices that will be used to reduce the pollutants in storm water discharges. \*
- 29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portion of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, temporary and final stabilization).
- 30 Provide complete requirements of inspections and record keeping by the primary permittee. \*
- 31 Provide complete requirements of sampling frequency and reporting of sampling results. \*
- 32 Provide complete details for retention of records as per Part IV.F. of the permit. \*
- 33 Description of analytical methods to be used to collect and analyze the samples from each location. \*
- 34 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*
- 35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling locations.
- 36 A description of appropriate controls and measures that will be implemented at the construction site including (1) sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the above into one phase. \*
- 37 Graphic scale and North arrow.
- 38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Existing Contours	USGS 1" : 2000' Topographical Sheets
Proposed Contours	1" : 400' Centerline Profile

- |                          |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at <a href="http://www.gaswcc.org">www.gaswcc.org</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/> | <input type="checkbox"/> | 40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additions required by the Local Issuing Authority. Clearly note and delineate all areas of impact.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 43 Delineation and acreage of contributing drainage basins on the project site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> | <input type="checkbox"/> | 45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities completed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without overflow. Identify/Delineate all storm water discharge points.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 47 Soil series for the project site and their delineation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 48 The limits of disturbance for each phase of construction.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, a retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site is achieved. A written justification explaining the decision to use equivalent controls when a sediment basin must be included in the Plan for each common drainage location in which a sediment basin is not provided. Justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual are included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw from the surface are not feasible, a written justification explaining this decision must be included in the Plan. |
| <input type="checkbox"/> | <input type="checkbox"/> | 50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines in the Manual for Erosion and Sediment Control in Georgia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting rates, seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year and for the appropriate geographic region of Georgia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

\* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the \* checklist items would be N/A.

**Effective January 1, 2020**

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
INFRASTRUCTURE CONSTRUCTION PROJECTS**

SWCD: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/County: \_\_\_\_\_ Date on Plans: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan Page #	Included Y/N
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**TO BE SHOWN ON ES&PC PLAN**

- |                          |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.<br><i>(The completed Checklist must be submitted with the ES&amp;PC Plan or the Plan will not be reviewed) Permit</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 Level II certification number issued by the Commission, signature and seal of the certified design professional.<br><i>(Signature, seal and Level II number must be on each sheet pertaining to ES&amp;PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional whose signature and seal are on the Plan.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution control.<br><i>May be shown on ES&amp;PC Plan sheets and/or ES&amp;PC notes. Permit II.B.1.c pg 13</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 Provide the name, address, <b>email address</b> , and phone number of primary permittee.<br><i>May be shown on cover sheet, ES&amp;PC Plan or under ES&amp;PC notes. Permit II.B.1.b pg 13</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 Note total and disturbed acreage of the project or phase under construction.<br><i>Must be shown on ES&amp;PC Plan or under ES&amp;PC notes. Permit IV.D.2.c pg 28</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude to two decimal degrees.<br><i>GPS locations of the beginning and end of the infrastructure project must be shown on cover sheet and maps. It must match the NOI. Permit II.B.1.a pg 13</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.<br><i>The initial Plan date should be shown on all pages. With each resubmittal, the revision date, and the entity requesting the revisions should be shown on cover sheet and each sheet that has been revised.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 8 Description of the nature of construction activity.<br><i>Provide a description of the existing site and a description of the proposed project. These must be shown on cover sheet and under ES&amp;PC notes. Permit IV.D.2.a pg 28</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if applicable. Site location must be delineated showing surrounding area roads and highways. If the project is being done in multiple phases, each individual phase must be delineated and labeled. This information is important for Plan Reviewers if needed, or if the site needs to be located on another map. <b>Permit IV.D.2.e pg 28</b>                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, reservoirs, wetlands, marshlands, etc. which may be affected.<br><i>The name of the initial receiving water(s) or if unnamed the first named blue line stream indicated on the a USGS Topographic map, and when the discharge is through a municipal separate storm sewer system (MS4) of the local government operating the municipal separate storm sewer system and the name of the receiving water body which receives the discharge from the MS4, and the permittee's determination of whether the receiving water body supports warm water fisheries or is a trout stream. Describe any neighboring area which could be affected by the project. Permit IV.D.2.f pg 28</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | 11 Design professional's certification statement and signature that the site was visited prior to development of the Plan as stated on <b>Part IV page 21</b> of the permit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "I certify under penalty of law that this Plan was prepared after a site visit to the locations described or my authorized agent, under my supervision."

 

12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for a comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page**

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate comprehensive system of Best Management Practices required by the Georgia Water Quality Control Act "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the Georgia Soil and Water Commission as of January 1 of the year in which the land-disturbing activity was permitted, provides for the receiving water(s) or the sampling of the storm water outfalls and that the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. \_\_\_\_\_."

 

13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for required sampling as stated on **Part IV.D.6.c.(3) page 37** of the permit as applicable. \*

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of perennial and intermittent streams and other water bodies shown on the USGS topographic map and all other perennial and intermittent streams and other water bodies, or (b) where any such specific identified perennial stream and other water body is not proposed to be sampled, I have determined in my professional judgment that the increase in the turbidity of each such sampled receiving water will be representative of the increase in the turbidity of a specific identified unsampled water."

 

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after installation. The Plan must include a statement indicating that the primary permittee must retain the design professional who prepared the Plan, or an alternative professional approved by EPD in writing, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within (7) days after installation. Alternatively, for linear infrastructure projects, the primary permittee must retain the design professional who prepared the Plan, or alternative design professional approved by EPD in writing to inspect (a) the installation of sediment storage requirements and perimeter control BMPs within (7) days after the installation of the "initial segment" of the linear infrastructure project and (b) all sediment basins within the entire linear infrastructure project within (7) days after the installation. For the purposes of the specific requirements in Part IV.A.5., the distance of the "initial segment" of a linear infrastructure project must be equal to or greater than 10% of the total estimated acreage for the linear infrastructure project but not less than one (1) acre. The design professional shall determine if all BMPs have been installed and are being maintained as designed. The design professional shall report the inspection to the primary permittee within (7) days and the permittee must correct all deficiencies within (2) days of receipt of the inspection report from the design professional unless weather related site conditions are such that more time is required. **Part IV.A.5 pg 26**

 

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed buffers as measured from the point of wooded vegetation or within 25-feet of the coastal marshland buffer from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

See **Part IV.(i) - (iv) on pages 21-25** of the permit and show under ES&PC notes.

 

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

When the project requires an approved buffer variance from the GA EPD, an indication shall be shown on the ES&PC Plan. A description of the encroachment activity must be shown on the ES&PC Plan or under ES&PC notes.

 

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on the permittee's compliance with the permit shall be noted on the ES&PC Plan or under ES&PC notes."

hydraulic component must be certified by the design professional." \*

See **Part IV.C. on page 27** of the permit. This can be clarified in a narrative and shown under ES&PC notes. Revisions or amendments should be submitted to the Local Issuing Authority for review.



18Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as Section 404 permit." \*

The Plan must include a description of how waste materials, including waste building materials, construction and demolition debris, concrete washout, excavated sediment, etc., will be properly disposed of. Any disposal of solid waste to the State is prohibited unless authorized by a Section 404 permit. **Permit IV.D.3.c.(1) pg 31**

19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of sediment control measures and practices prior to land disturbing activities."

Must be shown on ES&PC Plan or under ES&PC notes.

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

Must be shown on ES&PC Plan or under ES&PC notes.

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized or temporary seeding."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3.a.(1) pg 29**

22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 mile of and within the same watershed as, any portion of an Impaired Stream Segment must comply with the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site adjacent to the Impaired Stream Segment. \*

If any storm water associated with construction activities discharges into an Impaired Stream Segment that violates the criteria for "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community) within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in **Part III.C.2.a. - v.** of the permit. The Impaired Stream Segment should be delineated on the ES&PC Plan. Georgia's most current and subsequent "305(b)/303(d) List Document" can be viewed on the GAEPD website ([www.gaepd.org/Documents/305b.html](http://www.gaepd.org/Documents/305b.html)) **Permit III.C.2.a. - v. pg 17**

23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions and requirements included in the TMDL Implementation Plan. \*

List of TMDL Implementation Plans can be viewed on the GAEPD website, [www.gaepd.org](http://www.gaepd.org). The TMDL Implementation Plan for sediment should be delineated on the ES&PC Plan. **Permit III.C.1 pg 16**

24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washdown at the construction site is prohibited. \*

When the project allows the concrete washdown of tools, concrete mixer chutes, hoppers and rear of the vehicles at the project site, delineate the location of the area provided for washing and provide detail of BMPs that will be implemented. If the project does not allow the concrete washdown on the project site, note that on the Plan. **Permit IV.D.3.c.(1) pg 31**

25 Provide BMPs for the remediation of all petroleum spills and leaks.

The Plan must provide BMPs and guidance for the prevention of spills and leaks of petroleum products from where such products are stored or used as well as guidance for the proper remediation of any spills and leaks that occur. This information can be in the form of a separate Spill Prevention/Spill Response document so long as the information accompanies the Plan. **Permit IV.D.3.c.(5) pg 32**

26 Description of the measures that will be installed during the construction process to control pollutants in storm water runoff that will occur after construction operations have been completed. \*

The Plan must contain a description of the measures that will be installed during the construction process to control pollutants in storm water runoff that will occur after construction operations have been completed. These may include storage and retention structures, use of vegetated swales and natural depressions for flow attenuation or a combination of practices (sequential systems). The Plan must also include a technical explanation of the basis used to select the measures.

practices where flows will exceed pre-development levels. The Plan must indicate that velocity dissipation devices will be placed at discharge locations and along the length of any outflow channel in order to provide a non-erosive natural physical and biological characteristics and functions of the water course are maintained and protected. Installation of these devices may be subject to Section 404 of the Federal Clean Water Act.



Note: The permittee is only responsible for the installation and maintenance of storm water management devices prior to final stabilization of the site and not the operation and maintenance of such structures after construction is completed. **Permit IV.D.3.b pg 30**

- |                          |                          |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 27 | Description of practices to provide cover for building materials and building products on site. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          |                          |    | The Plan must contain a description of measures, such as plastic sheeting or temporary roofs, to cover building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, and other materials in order to minimize exposure to precipitation and to stormwater. <b>Permit IV.D.3.c.(2)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 28 | Description of the practices that will be used to reduce the pollutants in storm water discharges. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                          |                          |    | The Plan must identify all potential sources of storm water pollution expected to be present on the site and narrative explaining how the pollutants will be minimized in the storm water discharges. <b>Permit IV pg 25</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 29 | Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portion of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, temporary and final stabilization).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                          |                          |    | Activity schedule must be site specific. The narrative description and timeline for each phase of construction must be shown on ES&PC Plan sheet or under ES&PC notes. <b>Permit IV.D.2.b pg 28</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/> | <input type="checkbox"/> | 30 | Provide complete requirements of Inspections and record keeping by the primary permittee. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                          |                          |    | The Plan must include all of the Inspections and record keeping requirements of the primary permittee as shown in <b>Part IV.D.4.a on pages 32-34</b> of the permit. The complete Inspection and record keeping requirements shall be shown on the Plan under ES&PS notes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 31 | Provide complete requirements of Sampling Frequency and Reporting of sampling results. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                          |                          |    | See <b>Part IV.D.6.d pages 38-39</b> Sampling Frequency and <b>Part IV.E page 40</b> Reporting in the permit. Complete Sampling Frequency and Reporting requirements are to be shown on the Plan under ES&PC notes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/> | <input type="checkbox"/> | 32 | Provide complete details for Retention of Records as per Part IV.F. of the permit. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                          |                          |    | See <b>Part IV.F pages 40-41</b> Retention of Records in the permit. Complete details of Retention of Records shall be shown on the Plan under ES&PC notes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 33 | Description of analytical methods to be used to collect and analyze the samples from each location. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                          |                          |    | This narrative must be shown on the Plan under ES&PC notes and shall include quality control/assurance and precise sampling methodology for each sampling location. <b>Permit IV.D.6.a. - c. pg 34-38</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 34 | Appendix B rationale for NTU values at all outfall sampling points where applicable. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          |                          |    | When the permittee has determined that some or all outfalls will be monitored, a rationale must be shown on the Plan under ES&PC notes which includes the NTU limit(s) selected from Appendix B. This rationale must include the location of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water body (e.g., trout stream or supporting warm water fisheries). <b>Permit IV.D.6.a.(3) pg 34</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 35 | Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                          |                          |    | The Plan shall include a USGS topographic map, a topographic map or a drawing (referred to as a topographic map) at a scale equal to or more detailed than a 1:24000 map showing the locations of the site or the common drainage area. The map must include (a) the location of all perennial and intermittent streams and other water bodies as shown on the topographic map, and all other perennial and intermittent streams and other water bodies located during the construction verification, into which the storm water is discharged and (b) the receiving water and/or outfall sampling location. If the permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map to show the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the stream shown on the USGS topographic map. <b>Permit IV.D.6.a.(1) pg 34</b> |



36A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs BMPs. For construction sites where there will be no mass grading and the initial sediment storage requires perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan all of the BMPs into a single phase. \*

The Plan must be shown in a minimum of three phases with each phase shown on a separate sheet. Initial phase of the Plan must include the required 67 cy per acre sediment storage, construction exit, tree-save fence if applicable other BMPs necessary to prevent sediment from leaving the site such as silt fence, inlet protection on exis structures, diversions, check dams, temporary ground cover, etc. Limits of disturbance for the initial phase the areas needed to install initial BMPs. The intermediate phase should show rough grading and utility co should include initial inlet protection, additional silt fence as needed, any revised sediment storage needec basins are altered, outlet protection, retrofit if applicable, matting with temporary or permanent vegetation ; temporary down drains, filter rings, etc. Final phase of Plan should show finished grade, curbing and pavii building construction if applicable, etc. BMPs should include permanent vegetation, appropriate inlet prote For construction sites where there will be no mass grading and the initial perimeter control BMPs, interme drainage BMPs, and the final BMPs are the same, the Plan may combine all of the BMPs into a single pha Plan will include appropriate staging and access requirements for construction equipment. **Permit IV.D.3 p**



37 Graphic scale and North arrow.

The graphic scale and North arrow must be clearly shown on all phases of the ES&PC Plan sheets.



38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the followin

Existing Contours	USGS 1" : 2000' Topographical Sheets
Proposed Contours	1" : 400' Centerline Profile

The initial, intermediate, and final phase sheets of the Plan must show the proposed grade in bold contour with the above intervals overlaying the original contour lines. Elevations of both the existing and proposec contour lines must be shown.



39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conv as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conserva Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.org](http://www.gaswcc.org).

Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.georgia.gov](http://www.gaswcc.georgia.gov) **Permit IV.D.3**



40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Mar for Erosion & Sediment Control in Georgia 2016 Edition. \*

Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.



41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additi required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

The State Law of Georgia mandates these minimum undisturbed buffers, but the Local Issuing Authorities require more stringent buffers of State waters. The minimum undisturbed buffers required by the State an of State waters required by the issuing authority must be delineated. Any undisturbed buffer area that is ir project site must be noted on the Plan. **Permit IV.D.2.e pg 28**



42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.

ALL STATE WATERS LOCATED ON AND WITHIN 200 FEET OF THE PROJECT SITE MUST BE DELIN ALL PHASES OF THE PLAN. When a project is located in a jurisdiction with a certified Local Issuing Auth LIA must make a determination of State waters that are not delineated on the Plan, the Plan review could beyond the full forty-five day review time allowed to the LIA, or the full thirty-five day review time allowed to District is reviewing the Plan. For all projects in a jurisdiction where there is no certified Local Issuing Auth that project, EPD is responsible for State waters determinations and there is no time limits for reviewing th ALL WETLANDS LOCATED WITHIN THE PROJECT SITE ONLY MUST BE DELINEATED.

If the Local Issuing Authority requires an undisturbed buffer of wetlands, delineate required buffer.



43 Delineation and acreage of contributing drainage basins on the project site.

All existing drainage basins on the project site and their acreage must be delineated on the existing condit

the initial phase of the Plan. As the basins are altered or new ones created during intermediate and final phases, the new basins and their acreage must be delineated throughout each phase of the Plan. [Permit IV.D.2.e pg 28](#)

 

44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.

Hydrology study and drainage maps should be separate from the Plan. Maps should include each individual drainage to, through and from the project site, with each one delineated, labeled and showing its total acreage.

 

45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities completed.

The Plan must provide both pre- and post-construction estimates of the runoff coefficient or peak discharge flow. This can be in the form of a hydrologic study so long as that study is made a part of the Plan and accompanied by a complete hydrologic study is not a required element of the Plan, only the pre and post-construction estimates of the runoff coefficient or peak discharge flow for the site. [Permit IV.D.2.d pg 28](#)

 

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

The storm-drain pipe and weir velocities must show the flow characteristics of the pipe at full flow, including flow rate (cfs), velocity (fps), and tailwater conditions. This information should be shown in a chart shown on a profile sheet, ES&PC intermediate phase sheet or on the ES&PC detail sheet that shows outlet protection. The dimensions of the apron must include length (La), width at the headwall (W1), down-stream width (W2), stone diameter (d50), and stone depth (D) designed in accordance with Figures 6-34.1 and 6-34.2 in the Manual. Velocity dissipation devices shall be placed at all discharge locations and along the length of any outfall for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical, biological functions and characteristics are maintained and protected.

 

47 Soil series for the project site and their delineation.

Soil series delineations are required for the Plan review and can be found on the NRCS web site. The high accuracy survey required for the project site, such as a level three or level four survey for projects that will be using a high accuracy survey, must be delineated on the Plan. The soil series delineation should be shown on the existing site Plan or the new Plan. A chart listing the soils located on the project should be shown on the sheet with their delineation.

 

48 The limits of disturbance for each phase of construction.

The limits of disturbance for the initial phase should delineate only the area required to be disturbed for the perimeter control and initial sediment storage. The intermediate phase should delineate the entire area to be disturbed for that phase, such as grading, drainage, utilities installed, etc. The final phase should delineate any additional areas to be disturbed such as individual lots, etc.

 

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, a retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site is achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not provided for each common drainage location in which a sediment basin is not provided must also be given. Worksheets from the Manual are included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees shall utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

For each common drainage location, a temporary (or permanent) sediment basin (Sd3, Sd4, Rt, or excavated) with at least 67 cubic yards of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 67 cubic yards of storage per acre does not apply to flows from off-site areas and flows from

that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. Sediment basins may not be appropriate for some common drainage locations. Justification explaining the decision not to use sediment basins must be included in the Plan. Worksheets must be completed and shown on the Plan or attached to the Plan for each temporary sediment basin design project. All cross sections and details required per the Manual for Sd3's must be shown on the ES&PC design Plan. Completed worksheets from the Manual must be shown on the Plan for each retrofit and excavated trap. When the design professional chooses to use equivalent controls the calculations used to obtain the yards per acre drained must be included on the Plan. If outlet structures that withdraw water from the surface are feasible, a written justification explaining this decision must be included in the Plan. **Permit IV.D.3.a.(3) pg**

50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

BMPs for all phases of the Plan must be consistent with and no less stringent than the Manual and shown coding symbols from the Manual. The uniform coding symbols legend from the Manual must be included and shown on detail sheet or any of the ES&PC Plan sheets.

 

51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines in the Manual for Erosion and Sediment Control in Georgia.

The erosion and sediment control detail sheet must show a detailed drawing for each structural BMP shown. All BMPs and details shown must, at a minimum, meet the guidelines given in the Manual. Note that a worksheet provided in the Manual for most structural BMPs that must be included on the ES&PC Plan or detail sheet.

 

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year will take place and for the appropriate geographic region of Georgia.

Must be shown on ES&PC Plan, on the ES&PC detail sheet or under ES&PC notes.

\* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the \* checklist items would be N/A.

Effective January 1, 2020

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
COMMON DEVELOPMENT CONSTRUCTION PROJECTS (Primary and Tertiary Permittees)**

SWCD: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/County: \_\_\_\_\_ Date on Plans: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan Page #	Included Y/N
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**TO BE SHOWN ON ES&PC PLAN**

- |                          |                          |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.<br><i>(The completed Checklist must be submitted with the ES&amp;PC Plan or the Plan will not be reviewed)</i>                                                                                                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 Level II certification number issued by the Commission, signature and seal of the certified design professional.<br><i>(Signature, seal and Level II number must be on each sheet pertaining to ES&amp;PC Plan or the Plan will not be reviewed)</i>                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 Limit of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist. *<br><i>(A copy of the written approval by EPD must be attached to the Plan for the Plan to be reviewed.)</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 Provide the name, address, <b>email address</b> , and phone number of the primary permittee or tertiary permittee.                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 Note total and disturbed acreage of the project or phase under construction.                                                                                                                                                                                                                                                                                                                                         |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.                                                                                                                                                                                                                                                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 9 Description of the nature of construction activity.                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.                                                                                                                                                                                                                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | 12 Design professional's certification statement and signature that the site was visited prior to development of ES&PC Plan as stated on <b>Part IV page 23</b> of the permit.                                                                                                                                                                                                                                         |
| <input type="checkbox"/> | <input type="checkbox"/> | 13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on <b>Part IV pg 22</b> of the permit.                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with <b>Part IV.A.5 page 27</b> of the permit. *                                                                                                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wooded vegetation or within 25-feet of the coastal marshland as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."                                                                   |

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.



- 17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.
- 18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit."
- 19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
- 20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- 21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- 22 Indication that the applicable portion of the primary permittees ES&PC Plan is to be provided to each secondary permittee prior to the secondary conducting any construction activity and that each secondary shall sign the Plan or portion of the Plan applicable to their site. List the names and addresses of all second permittees. \*
- 23 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of an Biota Impaired Stream Segment, must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used in those areas of the site which discharge to the Impaired Stream Segment. \*
- 24 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identify Item 23 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. \*
- 25 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Wash of the drum at the construction site is prohibited.
- 26 Provide BMPs for the remediation of all petroleum spills and leaks.
- 27 Description of practices to provide cover for building materials and building products on site. \*
- 28 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.
- 29 Description of the practices that will be used to reduce the pollutants in storm water discharges.
- 30 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
- 31 Provide complete requirements of inspections and record keeping by the primary permittee or tertiary permittee.
- 32 Provide complete requirements of sampling frequency and reporting of sampling results. \*
- 33 Provide complete details for retention of records as per Part IV.F. of the permit.
- 34 Description of analytical methods to be used to collect and analyze the samples from each location. \*
- 35 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*
- 36 Delineate all sampling locations if applicable, perennial and intermittent streams and other water bodies into which storm water is discharged. \*



37A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan combine all of the BMPs into a single phase.

38 Plan addresses BMPs for all phases of common development including individual building lots and out-parcels, etc. regardless of who owns or operates the individual sites. Include a typical and any situational lots applicable.

 

39 Graphic scale and North arrow.

 

40 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2%	0.5 or 1
	Rolling 2 - 8%	1 or 2
	Steep 8% +	2,5 or 10

 

41 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.org](http://www.gaswcc.org).

 

42 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.

 

43 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

 

44 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.

 

45 Delineation and acreage of contributing drainage basins on the project site.

 

46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. \*

 

47 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities completed. \*

 

48 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

 

49 Soil series for the project site and their delineation.

 

50 The limits of disturbance for each phase of construction.

 

51 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

 

52 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with a legend.

 

53 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

54 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate of year that seeding will take place and for the appropriate geographic region of Georgia.

\* This requirement of the Common Development permit is not applicable to Tertiary Permittees with a Plan(s) for a typical individual lot(s), if the total land disturbance within the construction site is less than five (5) acres and the total disturbance within each individual lot is less than one (1) acre. If applicable, the \* checklist item would be N/A

**Effective January 1, 2020**

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
COMMON DEVELOPMENT CONSTRUCTION PROJECTS (Primary and Tertiary Permittees)**

SWCD: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/County: \_\_\_\_\_ Date on Plans: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan Page #	Included Y/N
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**TO BE SHOWN ON ES&PC PLAN**

- |                          |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.<br><i>(The completed Checklist must be submitted with the ES&amp;PC Plan or the Plan will not be reviewed) Permit I</i>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 Level II certification number issued by the Commission, signature and seal of the certified design professional.<br><i>(Signature, seal and Level II number must be on each sheet pertaining to ES&amp;PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional whose signature and seal are on the Plan.) Permit I</i>                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 Limit of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include the BMPs listed in Appendix 1 of this checklist. *<br><i>(A copy of the written approval by EPD must be attached to the Plan for the Plan to be reviewed.) Permit I</i>                                                                                                                                                                                                                                                                                                                                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution control.<br><i>May be shown on ES&amp;PC Plan sheets and/or ES&amp;PC notes. Permit II.B.1.c pg 12, II.B.2.e pg 14, II.B.3.d pg 15</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 Provide the name, address, <b>email address</b> , and phone number of the primary permittee or tertiary permittee.<br><i>May be shown on cover sheet, ES&amp;PC Plan or under ES&amp;PC notes. Permit II.B.1.b pg 12, II.B.2.c pg 14, II.B.3.a pg 15</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 Note total and disturbed acreage of the project or phase under construction.<br><i>Must be shown on ES&amp;PC Plan or under ES&amp;PC notes. Permit IV.D.2.c pg 30</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.<br><i>GPS location of the construction exit must be shown on cover sheet and may also be shown on ES&amp;PC Plan sheets and/or ES&amp;PC notes. It must match the NOI. Permit II.B.1.a pg 12, II.B.3.a pg 15</i>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revision.<br><i>The initial Plan date should be shown on all pages. With each resubmittal the revision date and entity requested should be shown on cover sheet and each sheet that has been revised.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 9 Description of the nature of construction activity.<br><i>Provide a description of the existing site and a description of the proposed project. These must be shown on cover sheet and under ES&amp;PC notes. Permit IV.D.2.a pg 29</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if applicable.<br><i>Site location must be delineated showing surrounding area roads and highways. If the project is being done in multiple phases, each individual phase must be delineated and labeled. This information is important for Plan reviewers if it is needed, or if the site needs to be located on another map. Permit IV.D.2.e pg 30</i>                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | 11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, reservoirs, wetlands, marshlands, etc. which may be affected.<br><i>The name of the initial receiving water(s) or if unnamed the first named blue line stream indicated on the USGS Topographic map, and when the discharge is through a municipal separate storm sewer system (MS4) the name of the local government operating the municipal separate storm sewer system and the name of the receiving water body which receives the discharge from the MS4, and the permittee's determination of whether the receiving water supports warm water fisheries or is a trout stream. Describe any neighboring area which could be affected.</i> |

post-developed runoff from the site. Permit IV.D.2.f pg 30



12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 23 of the permit.

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "I certify under penalty of law that this Plan was prepared after a site visit to the locations described or my authorized agent, under my supervision."

 

13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for a and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page** The following statement and the signature of the design professional must be shown on the ES&PC Plan c notes. "I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an app comprehensive system of Best Management Practices required by the Georgia Water Quality Control Act "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the **Georgia Soil and Water** Commission as of January 1 of the year in which the land-disturbing activity was permitted, provides for th the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best ma and sampling methods is expected to meet the requirements contained in the General NPDES Permit No.

 

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." \* The Plan must include a statement indicating that the primary permittee must retain the design profession: the Plan, except when the primary permittee has requested in writing and EPD has agreed to an alternate professional, to inspect the installation of the initial sediment storage requirements and perimeter control E design professional designed within seven (7) days after installation. The design professional shall determ BMPs have been installed and are being maintained as designed. The design professional shall report the inspection to the primary permittee within seven (7) days and the permittee must correct all deficiencies wi business days of receipt of the inspection report from the design professional unless weather related site c such that additional time is required. **Permit IV.A.5 pg 27**

 

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undi buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer from the Jurisdictional Determination Line without first acquiring the necessary variances and permits." See **Part IV.(i) - (iv) on pages 23-26 of the permit and show under ES&PC notes.**

 

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required. When the project requires an approved buffer variance from the GA EPD, an indication shall be shown on Plan. A description of the encroachment activity must be shown on the ES&PC Plan or under ES&PC note

 

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect hydraulic component must be certified by the design professional." See **Part IV.C on page 29 of the permit.** This can be clarified in a narrative and shown under ES&PC note Revisions or amendments should be submitted to the Local Issuing Authority for review.

 

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as Section 404 permit." The Plan must include a description of how waste materials, including waste building materials, constructi debris, concrete washout, excavated sediment, etc., will be properly disposed of. Any disposal of solid wa the State is prohibited unless authorized by a Section 404 permit. **Permit IV.D.3.c.(1) pg 33**

 

19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of sediment control measures and practices prior to land disturbing activities." Must be shown on ES&PC Plan or under ES&PC notes.

 

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementatio Plan does not provide for effective erosion control, additional erosion and sediment control measures shal to control or treat the sediment source."

Must be shown on ES&PC Plan or under ES&PC notes.

 

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

Must be shown on ES&PC Plan or under ES&PC notes. Permit IV.D.3.a.(1) pg 31

 

22 Indication that the applicable portion of the primary permittees ES&PC Plan is to be provided to each secondary prior to the secondary conducting any construction activity and that each secondary shall sign the Plan or Plan applicable to their site. List the names and addresses of all secondary permittees. \*

The Plan must contain a list of and contact information for all secondary permittees and a statement that it shall provide a copy of the Plan (and any subsequent revisions to the Plan) to each secondary permittee. include a section for each secondary to sign indicating that they have made a written acknowledgement of Plan and a copy of the acknowledgement must be kept in the primary's records. Permit IV.D.2.g pg 30

 

23 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 lineal foot of and within the same watershed as, any portion of an Impaired Stream Segment must comply with permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site adjacent to the Impaired Stream Segment. \*

If any storm water associated with construction activities discharges into an Impaired Stream Segment that violates the criteria for "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community) within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in Part III.C.2.a. - v. of the permit. The Impaired Stream Segment should be delineated on the ES&PC Plan. Georgia's most current and subsequent "305(b)/303(d) List Document" can be viewed on the GAEPD website ([www.gaepd.org/Documents/305b.html](http://www.gaepd.org/Documents/305b.html)) Part III.C.2.a. - v. pg 19-20

 

24 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions and requirements included in the TMDL Implementation Plan. \*

List of TMDL Implementation Plans can be viewed on the GAEPD website, [www.gaepd.org](http://www.gaepd.org). The TMDL Implementation Plan for sediment should be delineated on the ES&PC Plan. Permit III.C.1 pg 19

 

25 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washdown at the construction site is prohibited.

When the project allows the concrete washdown of tools, concrete mixer chutes, hoppers and rear of the vehicles at the project site delineate the location of the area provided for washing and provide detail of BMPs that will be used. If the project does not allow the concrete washdown on the project site, note that on the Plan. Permit IV.D.3.c.(6) pg 31

 

26 Provide BMPs for the remediation of all petroleum spills and leaks.

The Plan must provide BMPs and guidance for the prevention of spills and leaks of petroleum products from where such products are stored or used as well as guidance for the proper remediation of any spills and leaks that occur. This information can be in the form of a separate Spill Prevention/Spill Response document so long as the information accompanies the Plan. Permit IV.D.3.c.(5) pg 34

 

27 Description of practices to provide cover for building materials and building products on site. \*

The Plan must contain a description of measures, such as plastic sheeting or temporary roofs, to cover building materials and building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents and other materials in order to minimize exposure to precipitation and to stormwater. Permit IV.D.3.c.(2) pg 31

 

28 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.

The Plan must contain a description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. These may include storm water control measures such as silt fences, sediment basins, etc.



and retention structures, use of vegetated swales and natural depressions for flow attenuation or a combination of these practices (sequential systems). The Plan must also include a technical explanation of the basis used to select practices where flows will exceed pre-development levels. The Plan must indicate that velocity dissipators be placed at discharge locations and along the length of any outflow channel in order to provide a non-erosive natural physical and biological characteristics and functions of the water course are maintained and protected. Installation of these devices may be subject to Section 404 of the Federal Clean Water Act.

Note: The permittee is only responsible for the installation and maintenance of storm water management structures. Final stabilization of the site and not the operation and maintenance of such structures after construction are completed. **Permit IV.D.3.b pg 32**

 

29 Description of the practices that will be used to reduce the pollutants in storm water discharges.

The Plan must identify all potential sources of storm water pollution expected to be present on the site and include a narrative explaining how the pollutants will be minimized in the storm water discharges. **Permit IV pg 26**

 

30 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portion of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, temporary and final stabilization).

Activity schedule must be site specific. The narrative description and timeline for each phase of construction shall be shown on the ES&PC Plan sheet or under ES&PC notes. **Permit IV.D.2.b pg 30**

 

31 Provide complete requirements of Inspections and record keeping by the primary permittee or tertiary permittee.

The Plan must include all of the Inspections and record keeping requirements of the primary permittee or tertiary permittee as stated in **Part IV.D.4.a. - c. on pages 34-40** of the permit. The complete Inspection and record keeping requirements shall be shown on the Plan under ES&PS notes.

 

32 Provide complete requirements of Sampling Frequency and Reporting of sampling results. \*

See **Part IV.D.6.d pages 43-44 Sampling Frequency and Part IV.E pages 44-45 Reporting** in the permit. Complete Sampling Frequency and Reporting requirements are to be shown on the Plan under ES&PC notes.

 

33 Provide complete details for Retention of Records as per Part IV.F. of the permit.

See **Part IV.F page 45 Retention of Records** in the permit. Complete details of Retention of Records are to be shown on the Plan under ES&PC notes.

 

34 Description of analytical methods to be used to collect and analyze the samples from each location. \*

This narrative must be shown on the Plan under ES&PC notes and shall include quality control/assurance and precise sampling methodology for each sampling location. **Permit IV.D.6.a. - c. pg 40-42**

 

35 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*

When the permittee has determined that some or all outfalls will be monitored, a rationale must be shown on the ES&PC notes which includes the NTU limit(s) selected from Appendix B. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water body (e.g., trout stream or supporting warm water fisheries). **Permit IV.D.6.a.(3) pg 40**

 

36 Delineate all sampling locations if applicable, perennial and intermittent streams and other water bodies in which storm water is discharged. \*

The Plan shall include a USGS topographic map, a topographic map or a drawing (referred to as a topographic map) at a scale equal to or more detailed than a 1:24000 map showing the locations of the site or the common discharge point. The map must include (a) the location of all perennial and intermittent streams and other water bodies as shown on the topographic map, and all other perennial and intermittent streams and other water bodies located during the construction verification, into which the storm water is discharged and (b) the receiving water and/or outfall sampling location. If the permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map.

the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the first blue line stream shown on the USGS topographic map. **Permit IV.D.6.a.(1) pg 40**

 

37A description of appropriate controls and measures that will be implemented at the construction site include sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, i grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a s  
**The Plan must be shown in a minimum of three phases with each phase shown on a separate sheet. Initial Plan must include the required 67 cy per acre sediment storage, construction exit, tree-save fence if applic other BMPs necessary to prevent sediment from leaving the site such as silt fence, inlet protection on exis structures, diversions, check dams, temporary ground cover, etc. Limits of disturbance for the initial phase the areas needed to install initial BMPs. The intermediate phase should show rough grading and utility co should include initial inlet protection, additional silt fence as needed, any revised sediment storage needec basins are altered, outlet protection, retrofit if applicable, matting with temporary or permanent vegetation ; temporary down drains, filter rings, etc. Final phase of Plan should show finished grade, curbing and pavie building construction if applicable, etc. BMPs should include permanent vegetation, appropriate inlet prote For construction sites where there will be no mass grading and the initial perimeter control BMPs, interme drainage BMPs, and the final BMPs are the same, the Plan may combine all of the BMPs into a single pha Plan will include appropriate staging and access requirements for construction equipment. **Permit IV.D.3 p****

 

38Plan addresses BMPs for all phases of common development including individual building lots and out-par regardless of who owns or operates the individual sites. Include a typical and any situational lots applicab  
**The Erosion, Sedimentation & Pollution Control plans for a common development is designed for the life o must include practices to be implemented by all secondary permittees involved, whether the primary perm ownership of the land rights or not. This includes providing an ES&PC Plan for typical and situational lots secondary permittee (builder) who purchases a lot from the primary permittee (developer). Situational lots but are not limited to, lots adjacent to State waters buffers (in which a double row of Type S sediment barri adjacent to wetlands, lots with an extreme grade, etc.**

 

39Graphic scale and North arrow.

**The graphic scale and North arrow must be clearly shown on all phases of the ES&PC Plan sheets.**

 

40Existing and proposed contour lines with contour lines drawn at an interval in accordance with the followin

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2,5 or 10

**The initial, intermediate and final phase sheets of the Plan must show the proposed grade in bold contour above intervals overlaying the original contour lines. Elevations of both the existing and proposed contour shown.**

 

41Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conv as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conserv Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.org](http://www.gaswcc.org).

**Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.georgia.gov](http://www.gaswcc.georgia.gov) **Permit IV.D.3****

 

42Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Mar for Erosion & Sediment Control in Georgia 2016 Edition.

**Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.**

 

43Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additi required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

The State Law of Georgia mandates these minimum undisturbed buffers, but the Local Issuing Authorities are allowed to require more stringent buffers of State waters. The minimum undisturbed buffers required by the State and of State waters required by the issuing authority must be delineated. Any undisturbed buffer area that is in the project site must be noted on the Plan. **Permit IV.D.2.e pg 30**

 

44 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.

ALL STATE WATERS LOCATED ON AND WITHIN 200 FEET OF THE PROJECT SITE MUST BE DELINEATED IN ALL PHASES OF THE PLAN. When a project is located in a jurisdiction with a certified Local Issuing Authority, the LIA must make a determination of State waters that are not delineated on the Plan, the Plan review could be beyond the full forty-five day review time allowed to the LIA, or the full thirty-five day review time allowed to the District is reviewing the Plan. For all projects in a jurisdiction where there is no certified Local Issuing Authority, EPD is responsible for State waters determinations and there is no time limit for reviewing them. ALL WETLANDS LOCATED WITHIN THE PROJECT SITE ONLY MUST BE DELINEATED.

If the Local Issuing Authority requires an undisturbed buffer of wetlands, delineate required buffer.

 

45 Delineation and acreage of contributing drainage basins on the project site.

All existing drainage basins on the project site and their acreage must be delineated on the existing conditions and/or on the initial phase of the Plan. As the basins are altered or new ones created during intermediate and final phases, basins and their acreage must be delineated throughout each phase of the Plan. **Permit IV.D.2.e pg 30**

 

46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. \*  
Hydrology study and drainage maps should be separate from the Plan. Maps should include each individual drainage basin, showing its total acreage, and delineating the basins draining to, through and from the project site, with each one delineated, labeled and showing its total acreage.

 

47 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities completed. \*

The Plan must provide both pre- and post-construction estimates of the runoff coefficient or peak discharge flow. This can be in the form of a hydrologic study so long as that study is made a part of the Plan and accompanies the Plan. A complete hydrologic study is not a required element of the Plan, only the pre and post-construction estimates of the runoff coefficient or peak discharge flow for the site. **Permit IV.D.2.d pg 30**

 

48 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

The storm-drain pipe and weir velocities must show the flow characteristics of the pipe at full flow including flow rate (cfs), velocity (fps), and tailwater conditions. This information should be shown in a chart shown on the ES&PC intermediate phase sheet or on the ES&PC detail sheet that shows outlet protection. The dimensions of the apron must include length (La), width at the headwall (W1), down-stream width (W2), stone diameter (d50), and stone depth (D) designed in accordance with Figures 6-34.1 and 6-34.2 in the Manual. Velocity dissipation devices shall be placed at all discharge locations and along the length of any outfall for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical, chemical, biological functions and characteristics are maintained and protected.

 

49 Soil series for the project site and their delineation.

Soil series delineations are required for the Plan review and can be found on the NRCS web site. The high accuracy survey required for the project site, such as a level three or level four survey for projects that will be using a high accuracy survey, must be delineated on the Plan. The soil series delineation should be shown on the existing site Plan or the final Plan. A chart listing the soils located on the project should be shown on the sheet with their delineation.

 

50 The limits of disturbance for each phase of construction.

The limits of disturbance for the initial phase should delineate only the area required to be disturbed for the perimeter control and initial sediment storage. The intermediate phase should delineate the entire area to be disturbed for that phase, such as grading, drainage, utilities installed, etc. The final phase should delineate any additional areas to be disturbed such as individual lots, etc.

 

51 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, a retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site is achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not provided for a common drainage location must be included in the Plan for each common drainage location in which a sediment basin is not provided. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees shall utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

For each common drainage location, a temporary (or Permanent) sediment basin (Sd3, Sd4, Rt, or excavated) with at least 67 cubic yards of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site is achieved.

of the site. The 67cubic yards of storage per acre does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both area and the sediment basin. Sediment basins may not be appropriate for some common drainage locatic justification explaining the decision not to use sediment basins must be included in the Plan. Worksheets must be completed and shown on the Plan or attached to the Plan for each temporary sediment basin des project. All cross sections and details required per the Manual for Sd3's must be shown on the ES&PC de Plan. Completed worksheets from the Manual must be shown on the Plan for each retrofit and excavated trap. When the design professional chooses to use equivalent controls the calculations used to obtain the yards per acre drained must be included on the Plan. If outlet structures that withdraw water from the suri feasible, a written justification explaining this decision must be included in the Plan. Permit IV.D.3.a.(3) pg

 

52 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

BMPs for all phases of the Plan must be consistent with and no less stringent than the Manual and shown coding symbols from the Manual. The uniform coding symbols legend from the Manual must be included a shown on detail sheet or any of the ES&PC Plan sheets.

 

53 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelir the Manual for Erosion and Sediment Control in Georgia.

The erosion and sediment control detail sheet must show a detailed drawing for each structural BMP show All BMPs and details shown must, at a minimum, meet the guidelines given in the Manual. Note that a wo provided in the Manual for most structural BMPs that must be included on the ES&PC Plan or detail sheet.

 

54 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, plantir seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of ye will take place and for the appropriate geographic region of Georgia.

Must be shown on ES&PC Plan, on the ES&PC detail sheet or under ES&PC notes.

\* This requirement of the Common Development permit is not applicable to Tertiary Permittees with a Pla individual lot(s), if the total land disturbance within the construction site is less than five (5) acres and the t within each individual lot is less than one (1) acre. If applicable, the \* checklist item would be N/A.

Effective January 1, 2020

**APPENDIX 1**

**THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.**

The four items chosen must be appropriate for the site conditions.

Plan Page #	Included Y/N	
<input type="checkbox"/>	<input type="checkbox"/>	a. During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
<input type="checkbox"/>	<input type="checkbox"/>	b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
<input type="checkbox"/>	<input type="checkbox"/>	c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
<input type="checkbox"/>	<input type="checkbox"/>	d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
<input type="checkbox"/>	<input type="checkbox"/>	e. Use flocculants or coagulants and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Section III. D.1. of the NPDES Permit.
<input type="checkbox"/>	<input type="checkbox"/>	f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Section IV.D.6.d. of the NPDES Permits.
<input type="checkbox"/>	<input type="checkbox"/>	g. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
<input type="checkbox"/>	<input type="checkbox"/>	h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
<input type="checkbox"/>	<input type="checkbox"/>	i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
<input type="checkbox"/>	<input type="checkbox"/>	j. Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan. ( <a href="https://epd.georgia.gov/erosion-and-sedimentation">https://epd.georgia.gov/erosion-and-sedimentation</a> )
<input type="checkbox"/>	<input type="checkbox"/>	k. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
<input type="checkbox"/>	<input type="checkbox"/>	l. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
<input type="checkbox"/>	<input type="checkbox"/>	m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event.
<input type="checkbox"/>	<input type="checkbox"/>	n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
<input type="checkbox"/>	<input type="checkbox"/>	o. Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
<input type="checkbox"/>	<input type="checkbox"/>	p. Conduct soil tests to identify and to implement site-specific fertilizer needs.

- q. Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c); secondary permittees, Section IV.D.4.b.(3)(a) – (c); and tertiary permittees Section IV.D.4.c.(3)(a) – (c) \*
- r. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
- s. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at [www.gaswcc.georgia.gov](http://www.gaswcc.georgia.gov))
- t. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the Plan.
- u. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Section IV.A.5 of the permit.  
The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.
- v. Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual known as the Blue Book or an equivalent or more stringent design manual.

**Effective January 1, 2019**

\* This requirement is different for infrastructure projects:

Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) - (c) of the permit.



PLAN REVIEW # \_\_\_\_\_

**EROSION SEDIMENT & POLLUTION CONTROL PLAN REVIEW**  
**SOIL AND WATER CONSERVATION DISTRICT**

DATE ON PLANS	LIA	DATE RECEIVED
TOTAL PROJECT ACRES		TOTAL DISTURBED ACRES
NAME OF PROJECT		ADDRESS (INCLUDING COUNTY)
SPECIFIC INFORMATION ON PROJECT (GPS Location)		
DESIGN PROFESSIONAL	LEVEL II CERTIFICATION/EXPIRATION DATE	SOIL SERIES
APPLICANT	ADDRESS	PHONE NUMBER

**REPORT OF TECHNICAL REVIEW**

\_\_\_\_\_ The Erosion Sediment and Pollution Control Plan for the above named project or activity meets the requirements of the Erosion and Sediment Control Ordinance or Rules and Regulations Governing Land-Disturbing Activities in **The (City/County) of (LIA)** under the provisions of the Erosion and Sedimentation Act of 1975, as amended.

\_\_\_\_\_ The Erosion Sediment and Pollution Control Plan for the above named project or activity does not meet the requirements in **The (City/County) of (LIA)** through failure to include the following:

**> Any questions, comments, or concerns regarding this plan review should be addressed to:**

Technical review by: \_\_\_\_\_  
 Level II Certification #/Expiration Date: \_\_\_\_\_  
 Organization: \_\_\_\_\_  
 Date: \_\_\_\_\_

The technical review as accomplished and reported above was done at the request of and is concurred in by the  
Soil and Water Conservation District.

DISTRICT SUPERVISOR	DATE
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