

SUNOCO PIPELINE L.P.

Pennsylvania Pipeline Project

Antidegradation Analysis

**Chapter 102 Erosion and Sediment Control General Permit
and
Chapter 105 Joint Permit Application for a
Pennsylvania Water Obstruction & Encroachment Permit /
U.S. Army Corps of Engineers Section 404 Permit Application**

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TETRA TECH

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ANTIDEGRADATION ANALYSIS

1.0 INTRODUCTION

This Antidegradation Analysis has been prepared in accordance with 25 Pa. Code § 105.14(b)(11). Specifically, Sunoco Pipeline L.P.'s (SPLP) Joint Permit Application (JPA) for a Pennsylvania Water Obstruction and Encroachment Permit Application and U.S. Army Corps of Engineers (USACE) Section 404 Permit Application for the Pennsylvania Pipeline Project (Project) needs to ensure consistency with State antidegradation requirements contained in Chapters 93, 95 and 102 (relating to water quality standards; wastewater treatment requirements; and erosion and sediment control) and the Clean Water Act (CWA) (33 U.S.C.A. § § 1251—1376).

The Pennsylvania Department of Environmental Protection (PADEP) has implemented an Antidegradation Program to promote the maintenance and protection of existing water quality for High Quality (HQ) and Exceptional Value (EV) waters, and the protection of existing uses for all surface waters (PADEP 2003). In addition, due to their "exceptional ecological significance" EV wetlands are considered an EV water and must be included in a project's antidegradation analysis. SPLP conducted a thorough analysis of all the wetlands crossed by the Project in accordance with 25 Pa. Code § 105.17(1) to identify all the wetlands that are classified as EV (refer to Attachment 11, Enclosure E, Part 2 – Section 2.8.1). Although the primary concern related to the protection of HQ and EV waters are point source discharges, another concern are nonpoint source discharges which include potential sediment pollution associated with the proposed Project's stream crossings.

This Antidegradation Analysis identifies the antidegradation measures that will be implemented in accordance with the CWA, Clean Streams Law, 35 P.S. §§ 691.1 et seq., 58 Pa.C.S. §§ 3201-3274 (2012 Oil and Gas Act) and regulations promulgated thereto, including, 25 Pa Code Chapters 93, 95 and 102 to ensure the protection and maintenance of the HQ/EV resources crossed by the Project. The 25 PA Code Chapter 105 Water Obstruction and Encroachment JPA and 25 PA Code Chapter 102 Erosion and Sediment Control General Permit (ESCGP) applications, in combination with the additional information provided as part of the technical deficiency responses, include the specific details of where and how the erosion and sediment control measures will be implemented to ensure compliance with the antidegradation requirements.

The following sections identify the water resources impacted by the Project and a summary of the avoidance/minimization measures implemented to reduce these impacts (Section 2.0), and a comprehensive review of the applicable requirements of Chapter 93 (Section 3.0), Chapter 95 (Section 4.0), Chapter 102 (Section 5.0), and the Clean Water Act (Section 6.0) as they relate to the Project impacts and antidegradation requirements. In addition, Section 7.0 includes a list of references used to prepare this analysis.

2.0 SUMMARY OF WATER RESOURCE IMPACTS

During the development and siting of the proposed Project, SPLP considered a number of alternate routes and construction design methods to avoid and minimize impacts to water resources. An assessment of the project impacts, including secondary/indirect impacts is discussed in Attachment 11, Enclosure E (Part 2); an Alternatives Analysis is presented in Attachment 11, Enclosure E (Part 3); and, the Impact

Avoidance, Minimization, and Mitigation Procedures outlining the construction methods and best management practices (BMPs) that will be implemented to protect on-site and off-site waters of the Commonwealth from undue degradation is provided in Attachment 11, Enclosure E (Part 4) of the JPA.

As demonstrated in the Alternative Analysis (Attachment 11, Enclosure E, Part 3), after evaluating and implementing the alternative routing, construction methods, and Project plans, water resource impacts have been avoided and minimized to the maximum extent practicable. Those remaining unavoidable impacts are outlined within the resource impact tables (Tables 2 and 3) located within Attachment 11 of the JPA. Tables 2 and 3 provide the details regarding each of the stream and wetland crossings as well as the level and type of impact, crossing method, and stream and wetland designations. Table 1 located at the end of this analysis, provides a summary of the existing and designated uses of all the stream resources by county and for the entire Project, and Table 2 of this analysis provides the same for the EV wetland resources. As presented in these tables, the proposed Project will cross a total of 883 streams of which 255 are classified as HQ and EV, and 139 EV wetlands.

Number of Stream/EV Wetland Resources Crossed by the Project, by County

County	Streams ^a	HQ Streams ^b	EV Streams ^b	EV Wetlands
Washington	48	26	0	0
Allegheny	27	0	0	0
Westmoreland	125	34	0	0
Indiana	72	13	0	13
Cambria	112	53	0	20
Blair	55	4	0	29
Huntingdon	94	18	0	0
Juniata	19	0	0	0
Perry	30	28	2	14
Cumberland	85	12	0	11
York	19	0	0	0
Dauphin	32	0	0	0
Lebanon	29	0	0	4
Lancaster	17	9	0	5
Berks	47	16	7	30
Chester	40	28	3	10
Delaware	32	2	0	3
TOTALS	883	243	12	139
a. Only includes streams actually crossed by the Project. Does not include streams with a crossing method of avoid, floodway crossing, floodway only, HDD floodway, or open cut floodway. b. Includes streams classified as "Drains to..."				

Construction of the proposed Project would result in unavoidable minor and temporary impacts to stream resources. These impacts would occur as a result of in-stream construction activities or construction on slopes adjacent to stream channels and would result in a minor, temporary localized increase in turbidity levels and downstream sediment deposition. Sediments that become suspended during the short period of in-stream disturbance (e.g., installation and removal of sand bag berms) are expected to settle out of the water column relatively quickly. Construction of the pipelines' trenches across all streams will be done in dry conditions to avoid/eliminate suspended sediments during construction: dry crossing trench

construction will be completed using the flume, dam-and-pump, or cofferdam methods. All streams will be restored to their pre-construction condition including elevation/contours, flow characteristics, and substrate material such that there will be no permanent impact or alteration of their flow patterns/paths, storage capacity, water quality, or quantity.

Similarly, unavoidable wetland impacts resulting from construction of the proposed Project include minor, temporary, and localized disturbance to vegetation, soils, and hydrology. Topsoil within the wetlands will be separated from the sub-soil during construction and then replaced to original horizon and elevation in wetland areas to maintain the natural seed bed and to facilitate revegetation of the wetland areas. In addition, all wetlands will be restored to their pre-construction contours/elevations such that surface water hydrology is restored and the re-establishment of hydrophytic vegetation is facilitated. The Project does not involve filling any wetland areas.

As presented in the Project's Chapter 102 Permit applications (Section 3.2 of the Erosion and Sediment Control Plan's (E&S Plan) Narrative and Section 3.1 of the Post Construction Stormwater Management Plan (PCSM) and outlined/summarized in the following sections of this Antidegradation Analysis, SPLP will implement erosion and sediment control BMPs, including appropriate antidegradation best available combination of technologies (ABACT) measures for HQ/EV resources, such that their existing water quality will be protected and maintained. In addition, SPLP has developed the following plans to avoid and minimize Project impacts, and protect and maintain water quality throughout the Project area:

- Prevention, Preparedness, and Contingency Plan (e.g., spill plan) – Attachment 12, Tab12A;
- Water Supply Assessment, Prevention, Preparedness, and Contingency Plan – Attachment 12, Tab12B ;
- Inadvertent Return Assessment, Prevention, Preparedness, and Contingency Plan– Attachment 12, Tab12C; and,
- Void Mitigation Plan for Karst Terrain and Underground Mining– Attachment 12, Tab12D.

3.0 CHAPTER 93 COMPLIANCE

Chapter 93 sets forth water quality standards for surface waters, including wetlands, throughout the Commonwealth (25 Pa. Code § 93). The requirements of Chapter 93 that are applicable to antidegradation are presented below with an analysis of their applicability to the proposed Project.

3.1 SECTION 93.4A – ANTIDEGRADATION REQUIREMENTS

Per this requirement, any activity conducted within a surface water of the Commonwealth shall do the following:

93.4a(b): *Existing use protection for surface waters. Existing instream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected.*

Per Chapter 8 (DEP's Test for Non-Degradation of Water Quality) of the PADEP Antidegradation Implementation Guidance (PADEP 2003), the assessment of whether or not a discharge "will affect water quality is directly related to the technical and scientific ability to discern whether a change in stream quality will take place as a result of the discharge", and that the minimum

scientific data set used to establish a change in water quality consists of 24 water samples collected over a 12 month period.

The proposed Project has identified the most protective PADEP-designated water uses for all the surface waters crossed (Table 1). Through implementation of the selected alternative (refer to Enclosure E, Part 3 – Alternatives Analysis); erosion and sediment control measures (refer to Attachment 12); and, the Project’s avoidance, minimization, and mitigation procedures (refer to Enclosure E, Part 4) the Project will protect and maintain existing/designated stream uses and water quality. Specifically, SPLP has reduced the construction right-of-way (ROW) to 50 feet across all streams starting 10 feet landward of the banks; limited the land disturbance to the excavated trench lines, and temporary minor grading of the stream banks at the travel lane crossing, as required; limited the time/duration of in-stream construction (typically less than 2 days); implemented the Horizontal Directional Drill (HDD) crossing method where possible, and will implement a dry construction method for all stream crossings not bored or drilled; designed all crossings such that the pipelines will be a minimum of 4 feet and 5 feet under, wetlands and streams respectively, as compared to the PADEP 3 foot depth requirement; and, implemented erosion and sediment control measures for all land disturbances in accordance with PADEP’s Erosion and Sediment Pollution Control Program Manual (PADEP 2012) as demonstrated throughout the Project’s ESCGP Permit applications. With the proper implementation and maintenance of these protective measures, construction-related Project impacts to water quality such as increased turbidity related to sedimentation and in-stream construction will be minor, temporary, and localized and will not adversely impact or degrade the water resources. Specifically, the water quality and designated/existing uses of the water resources crossed by the Project will be maintained and protected post-construction.

To prevent surface water pollution, SPLP will implement pollution prevention procedures outlined in the Project’s E&S Plan and supporting documents (Attachment 12) for protection of both surface and groundwater quality during Project construction. Specifically, SPLP will implement their Preparedness, Prevention, and Contingency Plan (PPC) (Attachment 12, TabA) and Inadvertent Return Assessment, Preparedness, Prevention and Contingency Plan (Attachment 12, TabC). The PPC Plan is designed to address spill prevention, countermeasures, and response in general. The Inadvertent Return Plan outlines the preconstruction activities that will be implemented to ensure sound geological features are included in the HDD profile, the measures to prevent potential impacts, and the measures to be implemented if an impact were to occur. In addition, SPLP has prepared a Void Mitigation Plan for Karst Terrain and Underground Mining (Attachment 2, Tab12D) that assesses potential impacts as well as avoidance and mitigation measures during open-cut and drilling procedures. The primary purpose of these plans is to prevent and address potential spills of materials/fluids during construction. Implementation of these plans will further protect and maintain the surface water resources and contain/control any potential spills/returns such that there are no anticipated adverse long-term impacts to the water resources and their designated/existing uses.

93.4a(c): Protection for High Quality Waters—The water quality of High Quality Waters shall be maintained and protected, except as provided in § 93.4c(b)(1)(iii) (relating to implementation of antidegradation requirements).

The proposed Project has identified all HQ waters crossed by the Project (Table 1). Similar to the other streams crossed, the Project will protect and maintain existing/designated stream uses and water quality of the 243 HQ streams crossed by the Project. Specifically, SPLP has reduced the construction right-of-way (ROW) to 50 feet across all streams starting 10 feet landward of the banks; limited the land disturbance to the excavated trench line and minor grading of the stream banks at the travel lane crossing, as required; limited the time/duration of in-stream construction (typically less than 2 days); implemented the HDD crossing method where possible, and will implement a dry construction method for all stream crossings not drilled or bored; designed all crossings such that the pipelines will be a minimum of 4 feet and 5 feet under, wetlands and streams respectively, as compared to the PADEP 3 foot depth requirement; and, implemented erosion and sediment control measures for all land disturbances in accordance with PADEP's Erosion and Sediment Pollution Control Program Manual (PADEP 2012) as demonstrated throughout the Project's ESCGP Permit applications.

In addition, SPLP has incorporated ABACT BMPs into their E&S Plan to further reduce potential erosion and sediment impacts to HQ streams crossed by the Project or located within the limits of disturbance. Specifically, standard and ABACT BMPs that SPLP will implement to control/manage erosion and sedimentation within the Project area include:

- Use of wash racks at rock construction entrances;
- Placement of compost filter socks on the downgradient side of the filter bags and/or dewatering structure;
- Application of erosion control blanket within 100 feet of receiving waters and on slopes 3:1 (H:V) or steeper;
- Installation of compost filter socks at slope breaker outlets to provide additional filtration prior to discharge to surface waters;
- Installation of berms and trenches to promote infiltration and manage flow rate;
- Implementation of the PPC Plan; and,
- Application of permanent seeding for site restoration.

As previously stated, Project impacts to streams, including the HQ resources, will be minor, temporary, and localized. However, as demonstrated through implementation of the selected alternative (refer to Enclosure E, Part 3 – Alternatives Analysis); PADEP-approved ABACT BMPs identified above and in the Project ESCGP-2 applications, Attachments 4 (E&S Narrative) and 3 (PCSM Narrative); the PPC, Inadvertent Return, and Void Mitigation Plans (Attachment 12); and, the Project avoidance, minimization, and mitigation procedures (refer to Enclosure E, Part 4) the Project will maintain and protect the overall water quality of the HQ streams by reducing/controlling turbidity associated with sedimentation and in-stream construction activities.

93.4a(d): Protection for Exceptional Value Waters—The water quality of Exceptional Value Waters shall be maintained and protected.

The proposed Project has identified all EV waters crossed by the Project (Table 1). Similar to the HQ streams crossed, the Project will protect and maintain existing/designated stream uses and water quality of the 12 EV streams and 139 EV wetland impacted by construction. Specifically, SPLP has reduced the construction ROW to 50 feet across all streams starting 10 feet landward of the banks; limited the land disturbance to the excavated trench line and minor grading of the stream banks at the travel lane crossing, as required; roots/stumps will be left in place, to the extent possible, so that the roots stabilize the soils (minimize erosion) and stream banks, and re-establishment of native vegetation is facilitated; limited the time/duration of in-stream construction; implemented the HDD crossing method where possible, and has identified the dry construction method for all other stream crossings; required the use of timber mats when working in and travelling through wetlands; designed all crossings such that the pipelines will be a minimum of 4 feet and 5 feet under, wetlands and streams respectively, as compared to the PADEP 3 foot depth requirement; and, implemented erosion and sediment control measures for all land disturbances in accordance with PADEP's Erosion and Sediment Pollution Control Program Manual (PADEP 2012) as demonstrated throughout the Project's ESCGP Permit applications. In addition, SPLP has incorporated ABACT BMPs into their E&S Plan to further reduce potential impacts to EV resources crossed by the Project or located within the limits of disturbance by reducing/controlling turbidity associated with sedimentation and construction activities. Specifically, standard and ABACT BMP measures that SPLP will implement to control/manage erosion and sedimentation within the Project area include:

- Use of wash racks at rock construction entrances;
- Placement of compost filter socks on the downgradient side of the filter bags and/or dewatering structure;
- Application of erosion control blanket within 100 feet of receiving HQ/EV waters/wetlands and on slopes 3:1 (H:V) or steeper;
- Installation of compost filter socks at slope breaker outlets to provide additional filtration prior to discharge to surface waters;
- Installation of berms and trenches to promote infiltration and manage flow rate;
- Implementation of the PPC Plan; and,
- Application of permanent seeding for site restoration.

As previously stated, Project impacts to streams and wetlands, including the EV resources, will be minor, temporary, and localized. However, as demonstrated through implementation of the selected alternative (refer to Enclosure E, Part 3 – Alternatives Analysis); PADEP-approved ABACT BMPs identified above and in the Project ESCGP-2 Applications, Attachments 4 (E&S Narrative, Section 3.2) and 3 (PCSM Narrative, Section 3.1); the PPC, Inadvertent Return, and Void Mitigation Plans (Attachment 12); and, the Project avoidance, minimization, and mitigation procedures (refer to Enclosure E, Part 4) the Project will maintain and protect the overall water quality of the EV streams and wetlands. In addition, the area around and in the EV waters will be

restored to pre-construction conditions following construction such that water quality is further protected and maintained post-construction.

3.2 SECTION 93.4C – IMPLEMENTATION OF ANTIDegradation REQUIREMENTS

Per this requirement, any activity associated with waters of the Commonwealth shall do the following:

93.4c(a)(2): *Existing Use Protection. Endangered or threatened species. If the Department has confirmed the presence, critical habitat, or critical dependence of endangered or threatened Federal or Pennsylvania species in or on a surface water, the Department will ensure protection of the species and critical habitat.*

SPLP has coordinated with Federal and State agencies to identify and ensure protection of any endangered and threatened species and/or their critical habitat, or dependence on the surface waters crossed by the proposed Project. Refer to the Project Description (Attachment 9) and Attachment 6 of the JPA for summaries of the Project’s correspondences and clearances obtained from the PA Game Commission, PA Department of Natural Resources, PA Fish and Boat Commission, and the U.S. Fish and Wildlife Service.

93.4c(b)(1): *Protection of HQ and EV Waters. Point source control.*

This section identifies a number of requirements that must be adhered to when a project involves a point source discharge to a HQ or EV water. Per 93.1 and 92a.2, a point source discharge is defined as “a discernible, confined and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, CAAP, CAFP, landfill leachate collection system, or vessel or other floating craft, from which pollutants are or may be discharged.” The proposed Project does not involve the construction/installation of any permanent point source discharges directly into HQ and EV waters.

The Project does involve the collection and management of stormwater at the new/modified pump stations and block valves. However, SPLP has developed a non-discharge alternative for managing the stormwater runoff that will have no net increase in post-construction runoff, and there will be no direct discharge to an HQ or EV water resource. Specifically, stormwater will be collected and conveyed through a pipe to a well-vegetated upland area where it will discharge into a constructed infiltration berm (refer to Section 5.3 below). Filtration through the existing vegetation and soil is an efficient way to remove suspended stormwater pollutants such as sediment, as the suspended particles are physically filtered from the stormwater as it flows through the vegetation and percolates into the soil. Therefore, the proposed Project does not include the direct discharge of pollutants into HQ/EV water resources.

In addition to the pump station and block valve discharges, SPLP will be discharging hydrostatic test water associated with the pressure testing of the pipelines prior to commissioning. In general, the discharge locations are located outside of floodways and wetlands per PAG-10 requirements. Details of the hydrostatic test water discharge equipment and structures are provided in the PADEP PAG-10 National Pollutant Discharge Elimination System (NPDES) Discharge Permit NOI Applications submitted to PADEP. The equipment and structures will only be in place as long as necessary to conduct the required tests and discharge the water. Hay bale discharge structures will typically be used according to BMPs, and ABACT BMPs will be

implemented as necessary. Details of the discharge structures are included in the Chapter 102 and 105 drawings (Attachment 12 of the JPA). All discharge structures are located within the limit of disturbance and presented in the Project impacts. A hydraulic analysis was completed and permitting efforts are ongoing. At this time, PADEP, Southwest Regional Office approved and issued a PAG-10 permit for the discharge locations under their jurisdiction (NPDES Permit No PAG106192); PADEP, Southcentral Regional Office is currently reviewing the PAG-10 application for discharge locations under their jurisdiction (NPDES Permit PAG103570); and, there are no discharges proposed in the Southeastern region of PADEP.

Similarly, SPLP will manage stormwater runoff associated with the construction ROW such that there is no direct discharge to HQ and EV water resources in the Project area and no net increase in post-construction runoff. As presented in Section 3.1 above, SPLP has reduced the construction ROW to 50 feet across all streams starting 10 feet landward of the banks; limited the land disturbance to the excavated trench line and minor grading of the stream banks at the travel lane crossing, as required; limited the time/duration of in-stream construction (typically less than 2 days); implemented the HDD crossing method where possible, and will implement a dry construction method for all stream crossings not drilled or bored; and, implemented erosion and sediment control measures for all land disturbances in accordance with PADEP's Erosion and Sediment Pollution Control Program Manual (PADEP 2012) as demonstrated throughout the Project's ESCGP Permit Applications. SPLP has also incorporated standard and ABACT BMPs into their E&S Plan to further reduce potential erosion and sediment impacts to HQ and EV water resources crossed by the Project or located within the limits of disturbance. Therefore, the proposed Project does not include the direct discharge of pollutants associated with Project construction into HQ/EV water resources.

Similarly, SPLP will manage stormwater runoff associated with the construction ROW such that there is no direct discharge to HQ and EV water resources in the Project area. As presented in Section 3.1 above, SPLP has reduced the construction ROW to 50 feet across all streams starting 10 feet landward of the banks; limited the land disturbance to the excavated trench line and minor grading of the stream banks at the travel lane crossing, as required; limited the time/duration of in-stream construction (typically less than 2 days); implemented the HDD crossing method where possible, and will implement a dry construction method for all stream crossings not drilled or bored; and, implemented erosion and sediment control measures for all land disturbances in accordance with PADEP's Erosion and Sediment Pollution Control Program Manual (PADEP 2012) as demonstrated throughout the Project's ESCGP Permit Applications. SPLP has also incorporated standard and ABACT BMPs into their E&S Plan to further reduce potential erosion and sediment impacts to HQ and EV water resources crossed by the Project or located within the limits of disturbance. Therefore, the proposed Project does not include the direct discharge of pollutants associated with Project construction into HQ/EV water resources.

93.4c(b)(2): Protection of HQ and EV Waters. Nonpoint source control. The Department will assure that cost-effective and reasonable best management practices for nonpoint source control are achieved.

As presented in Section 3.1 of this Antidegradation Analysis, the Project will protect and maintain the existing/designated stream uses and water quality of the 243 HQ streams and 150 EV

streams/wetlands that are temporarily impacted by construction. Specifically, the alternatives analysis conducted by SPLP (refer to Enclosure E, Part 3 – Alternatives Analysis); PADEP-approved ABACT BMPs identified above and in the Project ESCGP-2 applications, Attachments 4 (E&S Narrative) and 3 (PCSM Narrative); and, the Project avoidance, minimization, and mitigation procedures (refer to Enclosure E, Part 4) all include the implementation of cost-effective and reasonable BMPs that maintain and protect the overall water quality of the HQ and EV water resources from nonpoint source discharges associated with the Project.

3.3 SECTION 93.6 – GENERAL WATER QUALITY CRITERIA

Chapter 93 states that a project will not introduce/discharge any substance “in concentrations or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant, or aquatic life,” including actions that could produce turbidity. The proposed Project will result in minor, temporary, and localized impacts to surface waters of the Commonwealth primarily associated with increased turbidity during construction activities. However, through implementation of the selected alternative (refer to Enclosure E, Part 3 – Alternatives Analysis); PADEP-approved BMPs and ABACT measures identified in Section 3.1 of this analysis and in the Project ESCGP-2 applications, Attachments 4 (E&S Narrative, Section 3.2) and 3 (PCSM Narrative, Section 3.1); and, the Project avoidance, minimization, and mitigation procedures (refer to Enclosure E, Part 4) the Project avoids and minimizes potential impacts to the extent possible. The Project does not involve any permanent structures/facilities that will discharge any treated or created industrial wastewater, nor will it alter the existing natural conditions (chemical, biological, or physical) of the water resources crossed by the Project. All water resources will be restored to their pre-existing conditions following Project construction such that their designated/existing water uses are not impacted by the Project. Accordingly, the proposed Project does not have the potential to alter the water quality such that the existing water uses or aquatic life of the water resources crossed are affected.

The proposed Project does not involve the addition or discharge of any toxic (Section 93.8a) or harmful substances into the waters of the Commonwealth. However, during construction there is a potential for accidental releases of substances near or in waters when heavy equipment or HDD drill machinery is working in such close proximity to water resources. These accidental and inadvertent releases could temporarily impact nearby surface waters, including wetlands. Therefore, to prevent potential surface water pollution associated with these activities SPLP will implement pollution prevention procedures outlined in its E&S Plan and supporting documents (Attachment 12) for protection of water quality during Project construction. Specifically, SPLP will implement their PPC Plan (Attachment 12, TabA) and Inadvertent Return Assessment, Preparedness, Prevention and Contingency Plan (Attachment 12, TabC) to prevent and address potential spills or releases of hazardous materials/fluids during construction. In addition, SPLP has prepared a Void Mitigation Plan for Karst Terrain and Underground Mining (Attachment 2, Tab12D) that assesses potential impacts as well as avoidance and mitigation measures during open-cut and drilling procedures. Implementation of these plans will protect and maintain the surface water resources and contain/control any potential spills/returns such that there are no anticipated adverse long-term impacts to the water quality and designated/existing uses of the water resources.

4.0 CHAPTER 95 COMPLIANCE

Chapter 95 provides the wastewater treatment requirements for projects in the Commonwealth and is not cross-referenced in Chapter 93 (Water Quality Standards) or Chapter 102 (Erosion and Sediment Control), but is cross-referenced in Chapter 105 (Dam Safety and Waterway Management) relating to review of applications and consistency with state antidegradation requirements (25 Pa. Code § 95).

PADEP defines industrial waste as “Any liquid, gaseous, radioactive, solid or other substance, not sewage, resulting from manufacturing or industry or from any establishment, and mine drainage refuse, silt, coal mine solids, rock, debris, dirt and clay from coal mines, coal collieries, breakers or other coal processing operations.” The proposed Project does not involve the discharge of industrial wastes; therefore, 25 Pa. Code § 95.2 (Effluent standards for industrial waste) and 25 Pa. Code § 95.4 (Extensions of time to achieve water quality based on effluent limitations) are not applicable to the Project.

The proposed Project does not involve the discharge of waters polluted by abandoned coal mines; therefore, 25 Pa. Code § 95.5 (Treatment requirements for discharges to waters affected by abandoned mine drainage) is not applicable to the Project.

The proposed Project will not be adding a new or expanded source of mass loading of Total Dissolved Solids (TDS) to waters of the Commonwealth. Specifically, the Project is exempt from treatment requirements of 25 Pa. Code § 95.10 (Treatment requirements for new and expanding mass loadings of Total Dissolved Solids) because the temporary turbidity associated with the Project’s stream crossings will result in significantly less discharge loadings than the exempted amount of “TDS equal to or less than 5,000 pounds per day, measured as an average daily discharge over the course of a calendar year, otherwise known as the annual average daily load.” 25 Pa. Code § 95.10a(7).

5.0 CHAPTER 102 COMPLIANCE

Chapter 102 requires projects that involve earth disturbance activities to “develop, implement and maintain BMPs to minimize the potential for accelerated erosion and sedimentation and to manage post construction stormwater.” Specifically, BMPs are required “to protect, maintain, reclaim, and restore water quality and the existing and designated uses of waters of the Commonwealth” (25 Pa. Code § 102). Accordingly, the project’s E&S Plan (Attachment 12) has been designed to comply with the 25 Pa. Code Chapter 102 regulations and follows the guidance set forth in the PA DEP Erosion and Sediment Control Program Manual, Technical Guidance Number 363-2134-008 (March 2012).

The following sections summarize the antidegradation requirements in Chapter 102 and identify how the proposed Project complies with each requirement. The ESCGP-2 applications, in combination with the additional information provided as part of the technical deficiency responses, provide a more thorough discussion of the Chapter 102 antidegradation requirements that the Project will implement – refer to Section 3.6 of the E&S Plan Narrative, and Sections 3.6 and 4.6 of the PSCM Plan Narrative.

5.1 SECTION 102.4B(6) – EROSION AND SEDIMENT CONTROL REQUIREMENTS

Per this requirement and in accordance with Chapter 11 of PADEP’s antidegradation guidelines (PADEP 2003), any earth disturbance activity associated with HQ and EV waters/wetlands shall do the following:

102.4b(6)(i): Evaluate and include nondischarge alternatives in the E&S plan, unless it can be demonstrated that nondischarge alternatives do not exist for the project.

A non-discharge alternative is defined as “environmentally sound and cost-effective BMPs that individually or collectively eliminate the net change in stormwater volume, rate and quality for storm events up to and including the 2-year/24-hour storm when compared to the stormwater rate, volume and quality prior to the earth disturbance activities to maintain and protect the existing quality of the receiving surface waters of the Commonwealth.”

As previously indicated (Tables 1 and 2), the proposed Project will cross 243 HQ and 12 EV waters, as well as 139 EV wetlands. As such, SPLP evaluated and incorporated a number of design and construction alternatives into the Project to minimize the potential for temporary accelerated erosion and sedimentation during construction, and to achieve zero net change in runoff between the pre- and post- construction conditions (refer to the ESCGP-2 Applications, Attachment 9 and Attachment 4). The following provides a summary of the design/construction alternatives that SPLP has evaluated and/or incorporated into the Project in order to develop and implement a non-discharge alternative that avoids and minimizes impacts to the water quality of the HQ and EV waters.

- Enclosure E Part 3 of this Attachment (Alternatives Analysis), presents a number of different alternatives that SPLP evaluated during the siting and planning of the Project to identify a non-discharge alternative.
- As previously stated, the Project has been designed to minimize earth disturbance to the extent practicable. Specifically, the Project has been co-located with existing ROWs to minimize vegetation clearing in undisturbed areas.
 - SPLP has designed the entire Project such that a minimal construction ROW of 75 feet is proposed for installation of both pipelines.
- The limit of disturbance has been further reduced at all stream and wetland crossings to minimize erosion and sedimentation into the HQ/EV resources:
 - The construction ROW has been reduced to 50 feet for installation of both pipelines through all streams/wetlands to further protect the water quality and reduce impacts.
 - Numerous HDD crossings have been incorporated to avoid surface disturbance at 58 HQ/EV stream and 35 EV wetland crossings.
- The duration of disturbance will be limited when crossing HQ and EV stream/wetland resources to the extent possible:
 - In-stream work in minor waterbodies (<10 feet wide) will be completed within 24 hours and in major waterbodies (10 to 100 feet wide) within 48 hours, to the extent possible.
 - The stream crossings will be stabilized as soon as practicable. Specifically, disturbed areas within 100 feet of a HQ or EV stream or wetland will be blanketed or matted within 24 hours of initial disturbance for minor streams or 48 hours of initial disturbance for major streams unless otherwise authorized. Seed and mulch will be applied to all disturbed areas.
- All crossings have been designed such that the pipelines will be a minimum of 4 feet

and 5 feet under, wetlands and streams respectively, as compared to the PADEP 3 foot depth requirement to avoid/minimize potential post-construction concerns such as scour.

As presented in Section 3.0 of the E&S Plan Narrative (Chapter 102 Permit Application), SPLP will also implement a number of erosion and sediment control measures to further protect the stream/wetland resources impacted by the Project. Specifically, general stabilization and structural controls will be used to (1) divert stormwater flows away from exposed areas, (2) convey runoff, (3) prevent sediments from moving off-site, and (4) reduce the erosive forces of runoff waters. Structural controls as described below may also be used as deemed necessary during Project construction based on conditions encountered in the field, and some of them will be left in place permanently to control/manage stormwater runoff rates post-construction. Installation guidelines and locations for the measures identified below are as shown on the Erosion and Sediment Control drawings provided in Attachment 12.

- Silt Fence: This temporary sedimentation control measure will be installed at existing level grade. Silt fence will be sized and installed in accordance with PADEP Construction Detail provided in Attachment 4 of the Chapter 102 Permit Application. Silt fence will not be used in drainage areas with HQ and EV waters – See Compost Filter Socks.
- Tarpaulin Covers: Tarpaulin covers will be used, as necessary, to protect topsoil storage stockpiles from wind and precipitation erosion. Stockpile slopes will be 2:1 or less. A minimal amount of soil will be stockpiled so that the height of the stockpile is less than 35 feet.
- Rock Construction Entrance: Temporary access routes will be established on and proximate to the site to facilitate construction activities. The use of access routes will help confine truck and equipment traffic to specific corridors thus minimizing land disturbance and protecting vegetation. Site traffic during wet weather will be limited. No vehicles will be permitted in streams or rivers.
- Wash Racks: Wash racks will be used at rock construction entrances and will be designed to accommodate anticipated vehicular traffic. A water supply will be made available at wash racks to wash the wheels of vehicles exiting the site.
- Erosion Control Blanket: A manufactured erosion control blanket will be installed on all slopes 3:1 or steeper and within 50 feet of non-special surface waters post-construction. The blanket will be biodegradable but capable of providing protection for two growing seasons. Straw or similar fiber material will be placed between two biodegradable nets. Erosion control blankets will be installed in accordance with the manufacturer's recommendations and the detail on the construction drawings provided in Attachment 4 of the Chapter 102 Permit Application.
- Waterbars: Waterbars will be installed across the ROW on all slopes greater than 5 percent during construction, and some will remain in place post-construction. Waterbars will be constructed at a slope of 2 percent and discharge to a well-vegetated area. Waterbars will not discharge into an open trench. Waterbars will be oriented so that the discharge is located in a well-vegetated area and the water does not flow back onto the ROW. Water flow will be managed/directed such that the natural drainage

patterns remain the same pre- and post-construction (i.e., water will not be directed away from a stream/wetland resource). Waterbars will be installed in accordance with PADEP Construction Detail provided in Attachment 4 of the Chapter 102 Permit Application.

- ***Trench Plugs:*** Impervious trench plugs are permanent controls required for all stream, river, wetland, or other water body crossings to maintain hydrology and prevent erosion along the pipeline trenches. Trench plugs are also used on slope run spacing and will be installed in accordance with the Chapter 102 Permit Application, Attachment 4.

As described in Section 3.0 and above, the water quality of the HQ and EV resources and stormwater runoff will not be adversely impacted by the Project based on the proper installation and maintenance of the BMPs that SPLP will implement during and post construction. Similarly, the post-construction stormwater runoff will be managed such that there will be no change in the pre and post-construction rate based on the measures that SPLP will implement. However, the conversion of upland forested areas to open ROW (herbaceous vegetation) within the watersheds of HQ and EV resources has the potential to affect the volume of stormwater runoff such that it is greater during and post-construction. As such, SPLP has identified the resources (refer to Table 3 at the end of this analysis) that will have a conversion of forested to herbaceous vegetation within their associated watershed. In these areas, a non-discharge alternative, as defined by PADEP, is not possible and SPLP has incorporated ABACT BMPs into their E&S Plan (Attachment 12 and Table 3) to manage the stormwater runoff volume during construction such that there is no impact to the receiving HQ and EV water resources. SPLP has also implemented ABACT BMPs at all HQ/EV water resource crossings to further protect and maintain these resources (Table 3). Post-construction, SPLP will implement a number of infiltration and restoration BMPs along the ROW, as well as their PPC plans (Attachment 12), such that the HQ/EV resources continue to be protected and maintained and stormwater runoff rate, volume, and quality is not affected (refer to Section 5.3 below).

102.4b(6)(ii): If the project makes the demonstration in subparagraph (i) that nondischarge alternatives do not exist for the project, the E&S Plan must include ABACT.

In addition to the design/construction alternatives/actions and standard E&S BMPs identified above, SPLP will implement the following ABACT BMPs at all HQ/EV water resource crossings to protect and maintain the existing water quality of the HQ and EV resources impacted by the Project and protects existing baseflow:

- ***Compost Filter Socks:*** This temporary sedimentation control measure consists of wood or metal posts driven through a compost filled mesh tube. Filter socks will be located as needed on side-slope and down-slope boundaries of disturbed areas. Compost filter socks will be sized in accordance with PADEP Construction Detail provided in Attachment 4 of the Chapter 102 Permit Application. Compost filter socks will be used in drainage areas with HQ and EV waters during construction and will remain in place until the disturbed areas are stabilized/vegetated post-construction.
- ***Rock Filter Outlet:*** Rock filter outlets will be used, as necessary, to address problems of concentrated flows to sediment barriers. In the event of unanticipated concentrated flow and sediment barrier failure, a rock filter outlet will be installed unless the

concentrated flow can be diverted away from the barrier. Rock filter outlets used in drainage areas with HQ and EV waters need a 6" layer of compost installed on the upslope side of the rock.

- Compost Sock Sediment Trap: This temporary sedimentation control measure is useful in controlling runoff from access roads and may also be used at other locations where a temporary sediment trap is appropriate. The minimum base width will be equivalent to the height of the trap and sediment accumulation will not exceed 1/3 the total height of the trap. Ends of the trap will be a minimum of 1 foot higher in elevation than the mid-section, which will be located at the point of discharge. Compost sock sediment trap will be sized in accordance with PADEP Construction Detail provided in Attachment 4 of the Chapter 102 Permit Application. Compost sock sediment traps can be used in drainage areas with HQ and EV waters.
- Pumped Water Filter Bag: Pumped water filter bags may be used to filter water pumped from disturbed areas prior to discharging to surface waters. Compost filter socks will be installed within 50 feet of any receiving surface water or where grassy area is not available. Filter bags will be installed in accordance with PADEP Construction Detail provided in Attachment 4 of the Chapter 102 Permit Application.
- Wash Racks: Reasonable methods which are sanctioned by the PADEP as alternatives to installation of tire wash stations on public road access points for gathering pipeline projects in EV/HQ or siltation impaired watersheds include:
 - For paved surface public roads: use of a vacuum truck sweeper or sweeper with a catch bin attachment.
 - For dirt or gravel surface public roads: rigorous manual removal of mud/dirt from vehicle/equipment tires prior to exiting construction site, supplemented by immediate recover, by manual or mechanical means, of soil which may become discharged onto public roadways. Dust control and/or compaction via rolling of the dirt public road surface will be implemented as needed.
- Erosion Control Blanket: A manufactured erosion control blanket will be installed post-construction on all slopes 3:1 or steeper and within 100 feet of all special protected waters (HQ/EV resources). The blanket will be biodegradable but capable of providing protection for two growing seasons. Straw or similar fiber material will be placed between two biodegradable nets. Erosion control blankets will be installed in accordance with the manufacturer's recommendations and the detail on the construction drawings provided in Attachment 4 of the Chapter 102 Permit Application.
- Stabilization: Stream and wetland crossings will be restored and stabilized as soon as practicable post-construction. Specifically, disturbed areas within 100 feet of a HQ or EV stream or wetland will be blanketed or matted within 24 hours of initial disturbance for minor streams or 48 hours of initial disturbance for major streams unless otherwise authorized. Seed and mulch will be applied to all disturbed areas.

5.2 SECTION 102.5A – PERMIT REQUIREMENTS

Per this requirement, any project that involves greater than 1 acre of earth disturbance in special protection watersheds must evaluate and use BMPs in accordance with antidegradation requirements in 102.4b(6) and 102.8(h) regardless of whether the discharge is new, additional, or increased. As presented in sections 5.1 and 5.3 of this antidegradation analysis, the proposed Project complies with these requirements.

5.3 SECTION 102.8H – POST CONSTRUCTION STORMWATER MANAGEMENT REQUIREMENTS

Per this requirement, any earth disturbance activity associated with HQ and EV waters/wetlands shall do the following in relation to post construction stormwater management (PCSM):

102.8h(1): Evaluate and include nondischarge alternatives in the PCSM plan, unless it can be demonstrated that nondischarge alternatives do not exist for the project.

SPLP has minimized the area of disturbance of the water crossings and has implemented a combination of design/construction alternatives and E&S measures that incorporate both standard and ABACT BMPs to protect and maintain the existing water quality of all the HQ/EV resources. In addition, SPLP has achieved zero net change in stormwater runoff between the pre and post-construction conditions (refer to Section 5.1 above and Section 3.0 of the PCSM Narrative) in 63% of the watersheds of the receiving HQ/EV resources (Table 3 at end of analysis). During construction, the extent of the disturbed areas and duration of disturbance will be minimized by stabilizing/restoring disturbed areas as soon as practicable following construction; therefore, there will be no post-construction discharge of sediments associated with these restored areas.

There are a few block valves and pump stations associated with the proposed Project that will result in a minor increase in impervious surface in the watersheds of HQ/EV resources – refer to Section 4.6 of the PCSM Narrative and Section 3.6 of the ESCGP-2 applications for the identification of these areas by county. SPLP conducted a post-construction stormwater management analysis for stormwater runoff associated with these sites (refer to Sections 4.1 through 4.7 in of the PCSM Narrative of the ESCGP-2 applications) and evaluated them in terms of the associated stormwater runoff volumes, rates, and quality. Based on this analysis, SPLP has developed a non-discharge alternative that incorporates BMPs into the Project design/construction such that there are no direct post-construction discharges into HQ/EV waters. Specifically, each of the sites have been designed to minimize the amount of impervious area and to infiltrate any resultant stormwater runoff to the maximum extent possible so that there is no net change in post-construction stormwater volume, rate, and quality. The sites have been designed such that stormwater runoff is spread out to flow into downgradient infiltration ABACT BMPs, undisturbed vegetated areas, and/or areas that have been restored to meadow condition. Filtration through the existing vegetation and soil is an efficient way to remove suspended stormwater pollutants such as sediment, as the suspended particles are physically filtered from the stormwater as it flows through the vegetation and percolates into the soil. The stormwater water runoff will be managed/directed such that the natural drainage patterns/hydrology remain the same pre- and post-construction (i.e., water will not be diverted from the receiving stream/wetland resource’s drainage area).

Post-construction stormwater conveyance BMPs such as infiltration berms, infiltration trenches, slow release trenches, diversion berms, a level spreader, channels, and soil amendments that have been incorporated into the Project and that will be constructed in accordance with the PA Stormwater BMP manual include (refer to Section 4.0 of the PCSM Narrative of the ESCGP-2 applications):

- *Infiltration Berm*: An infiltration berm is a mound of compacted earth with sloping sides that is usually located along a contour on relatively gently sloping sites. Berms

can also be created through excavation/removal of upslope material. The infiltration berms will retain flow and allow for infiltration. Water flow/infiltration will be managed/directed such that the natural drainage patterns remain the same pre- and post-construction (i.e., water will not be diverted from the receiving stream/wetland resource's drainage area). Infiltration berms will be a maximum of 2 feet high.

- *Infiltration Trench*: An infiltration trench is a stone filled trench with a level bottom and a perforated pipe(s). Infiltration trenches will retain stormwater runoff and allow for infiltration. Infiltration trench depths vary between 1 to 3 feet below existing grade.
- *Soil Amendment and Restoration*: Soil amendment and restoration is the process of improving disturbed soils and low organic soils by restoring soil porosity and adding a soil amendment, such as compost, for the purpose of reestablishing the soil's long-term capacity for infiltration and pollutant removal.
- *Slow Release Trench*: A slow release trench is a stone filled trench with a level bottom and a perforated pipe. The trench will be lined with an impermeable liner. A slow release trench will retain stormwater runoff and release it slowly in areas where infiltration is undesirable or not feasible based on site soils.
- *Channel*: Channels will be constructed to capture and convey stormwater runoff to PCSM BMPs.
- *Water Deflector*: Water deflectors will be installed along several of the permanent access roads to convey runoff across the roadway. A deflector is typically constructed from a rubber belt held between two wooden planks.
- *Level Spreader*: Earthen level spreaders will be used where diversion ditches or berms outlet onto areas of established vegetation. Earthen level spreaders allow sediment-free stormwater runoff to be released in sheet flow down a stabilized slope without causing erosion.
- *Diversion Berm*: A diversion berm is a compacted berm that will be used to divert upslope stormwater runoff. Diversion berms are proposed to reduce the amount of upslope contributory drainage to PCSM BMPs.
- *Temporary Seeding*: Temporary grass cover will be established where soil stockpiles are exposed for a period greater than 4 days.
- *Permanent Seeding*: Site preparation and establishment of permanent cover will be conducted in accordance with the procedures identified in Section 4.1 of the PCSM Narrative and Enclosure E, Part 4.
- *Mulching*: The purpose of mulch is to reduce runoff and erosion, prevent surface compaction or crusting, conserve moisture, aid in establishing plant cover, and control weeds. Mulch will be applied on any area subject to erosion or that has unfavorable conditions for plant establishment and growth. The practice may be used alone or in conjunction with other structural and vegetative conservation practices such as waterways, ponds, sedimentation traps, or critical area planting.

Implementation of these post-construction BMPs will result in a zero net change in post-construction stormwater runoff rate and volume (refer to Sections 3.7 and 4.7 of the PCSM Narrative (Attachment 4) of the ESCGP-2 applications) in the watersheds that do not have a conversion of forest to herbaceous vegetation. In addition, the quality of the post-construction

stormwater discharge will be managed/controlled such that it will not impact the chemical or biological characteristics of the receiving streams.

102.8h(2): If the project makes the demonstration in paragraph (i) that nondischarge alternatives do not exist for the project, the PCSM Plan must include ABACT.

In addition to the design/construction alternatives/actions and E&S BMPs identified in Section 5.1 above, SPLP will implement the following ABACT post-construction site restoration BMPs to protect and maintain the existing water quality of the HQ and EV resources impacted by the Project, and results in no net change in the stormwater volume, rate, and quality post-construction:

- Maintain pre-construction drainage pattern intact;
- Minimize the disturbed area;
- Restrict direct discharge to surface waters; and,
- Implement prompt site restoration and proper vegetative cover techniques.

Based on proper implementation and maintenance of these post-construction BMPs, there will be no increase in post-construction stormwater runoff rate or volume; consequently, there will be no physical degradation of the receiving stream channel, such as scour and stream bank destabilization. In addition, the post-construction stormwater runoff will be managed/controlled such that it will not impact the receiving streams' water quality. Specifically, the water quality and designated/existing uses of the waters crossed by the Project will not reflect any changes attributable to the Project.

5.4 SECTION 102.14 – RIPARIAN BUFFER REQUIREMENTS

Per Section 102.14a(1), any project that involves earth disturbance activities requiring a permit under this chapter cannot conduct any work within 150 feet of a HQ or EV perennial or intermittent stream except in accordance with subsection (d) and shall protect any existing riparian buffer. As defined in Chapter 102 of the Pennsylvania Code, a riparian buffer is defined as “an area of permanent vegetation along surface waters.”

Per Section 102.14a(2), any project that involves earth disturbance activities requiring a permit under this chapter in a HQ or EV watershed where there are waters failing to attain one or more designated uses shall protect existing riparian forested buffers, except in accordance with subsection (d) and shall protect any existing riparian buffer. As defined in Chapter 102 of the Pennsylvania Code, a riparian forest buffer consists of “permanent vegetation that is predominantly native trees, shrubs and forbs along a stream that is maintained in a natural state or sustainably managed to protect and enhance water quality, stabilize stream channels and banks, and separate land use activities from surface waters.” In HQ/EV watersheds, the riparian width is identified as 150 feet on both sides of a perennial or intermittent stream.

According to Chapter 102.14(d)(2)(ii), linear pipeline projects are eligible for a waiver from subsections (a) and (b) if the Project demonstrates there are reasonable alternatives for compliance with these subsections, the riparian buffer is undisturbed to the extent practicable, and the Project meets the requirement of Chapter 102. In addition, the Project must still satisfy the requirements in subsection (c). The following presents how the Project complies with these requirements.

Alternative Compliance with 102.14 (a) and (b)

For the purposes of this analysis, SPLP has identified the existing riparian forested buffers within the Project area as all vegetated areas located within 150 feet of HQ/EV surface waters (Chapter 102.14(a) and (b)(2)). The proposed Project will require clearing riparian vegetation at the stream crossings. However, the following measures will be implemented to reduce long-term impacts to riparian buffers and provide an alternative to the requirements of subsections (a) and (b).

- The Project has been co-located with existing ROWs to minimize tree clearing at stream/wetland crossings. This measure results in a significant reduction in the area of trees that will be cleared and avoids having to cut a new ROW through undisturbed forested areas.
- Numerous HQ and EV water resources will be crossed using the HDD method resulting in no earth disturbance and minimal vegetation disturbance.
- The construction ROW width has been reduced from 75 to 50 feet wide, starting 10 feet landward all stream banks, for all stream/wetland crossings. In addition, the amount of additional temporary workspaces at stream/wetland crossings has been minimized to the extent practicable (refer to E&S drawings in Attachment 12).
- Earth disturbance will be limited to excavation of the trenches and some limited grading at the travel lanes. Tree stumps will be left in place, except over the trench lines, to promote natural revegetation following construction, unless the stumps cause an unsafe working condition.
- The entire riparian buffer area will be revegetated following construction. The stream banks will be seeded/planted as soon as practicable to facilitate vegetative growth along the stream channel (refer to Enclosure E, Part 4 of this Attachment, and Attachment 12 – E&S Plan).

Compliance with 102.14 (c) – Mandatory Requirements for all Riparian Buffers

In accordance with Chapter 102.14(c), the Project has been designed to comply with all the following requirements:

- Stormwater runoff will be managed in accordance with the E&S Plan and drawings (Attachment 12) which address the requirements of Chapter 102.4(b) through (e) and Chapter 102.8 (refer to Sections 3.7 and 4.7 of the PCSM Narrative (Attachment 4) of the ESCGP-2 applications);
- Wetlands located in the riparian buffers will be protected and maintained consistent with Chapter 105, including restoration of native vegetation (Enclosure E, Part 4); and,
- The riparian buffers have been measured 150 feet horizontally and perpendicularly from the top of stream bank (Attachment 12).

Riparian Forest Buffer Waiver Request

As demonstrated above, the Project has minimized and mitigated the impacts to riparian buffers to the extent possible for a linear pipeline project. Specifically, the Project satisfies the requirements of Chapter 102.14(d)(2)(ii) and Chapter 102.14(c). Accordingly, SPLP is requesting a waiver from

the requirements of Chapter 102.14(a) and (b): riparian buffer waiver requests are included in the ESCGP-2 applications as Attachment 6 of the NOI for the different PADEP regions.

6.0 CLEAN WATER ACT COMPLIANCE

It is the goal of the CWA to restore and maintain the chemical, physical, and biological integrity of the Nation's waters through the development of comprehensive programs for water pollution control and a variety of training/educational programs and grants, as well as permits and licenses (33 U.S.C. § 1251 et seq.). The sections of the CWA that relate to water quality issues and are applicable to the antidegradation requirements are presented below with an analysis of their applicability to the proposed Project.

6.1 SECTION 301 – EFFLUENT LIMITATIONS

This section is applicable to effluent limitations for point source discharges and any potential associated pollutants. As stated in Section 3.2, SPLP will manage stormwater runoff associated with the construction ROW such that there is no direct discharge of pollutants to water resources in the Project area. Specifically, SPLP has reduced the construction ROW to 50 feet across all streams starting 10 feet landward of the banks; limited the land disturbance to the excavated trench line and minor grading of the stream banks at the travel lane crossing, as required; limited the time/duration of in-stream construction (typically less than 2 days); implemented the HDD crossing method where possible, and will implement a dry construction method for all stream crossings not drilled or bored; designed all crossings such that the pipelines will be a minimum of 4 feet and 5 feet under, wetlands and streams respectively, as compared to the PADEP 3 foot depth requirement; and, implemented erosion and sediment control measures for all land disturbances in accordance with PADEP's Erosion and Sediment Pollution Control Program Manual (PADEP 2012) as demonstrated throughout the Project's ESCGP Permit Applications (Attachments 4 (E&S Narrative) and 3 (PCSM Narrative)). SPLP has also incorporated numerous BMPs into their E&S Plan to further reduce potential erosion and sediment impacts to water resources crossed by the Project or located within the limits of disturbance (refer to Sections 3.1, 5.1, and 5.3).

In addition, SPLP's PPC Plan is designed to address spill prevention, countermeasures, and response in general; the Inadvertent Return Plan outlines the preconstruction activities implemented to ensure sound geological features are included in the HDD profile, the measures to prevent potential impacts, and the measures to be implemented if an impact were to occur; and, the Void Mitigation Plan for Karst Terrain and Underground Mining (Attachment 2, Tab12D) assesses potential impacts as well as avoidance and mitigation measures during open-cut and drilling procedures. The primary purpose of these plans is to prevent and address potential spills of materials/fluids during construction. Implementation of these plans will further protect and maintain the surface water resources and contain/control any potential spills/returns such that there are no anticipated adverse long-term impacts to the water resources and their designated/existing uses.

The proposed Project involves the collection and management of stormwater at the new/modified pump stations and block valves. However, SPLP has developed a non-discharge alternative for managing the post-construction stormwater runoff such that there will be no direct discharge of pollutants to a water resource. Specifically, stormwater will be collected and conveyed through a pipe to a well-vegetated upland area where it will discharge into a constructed infiltration berm (refer to Section 5.3). Filtration through the existing vegetation and soil is an efficient way to remove suspended stormwater pollutants

such as sediment, as the suspended particles are physically filtered from the stormwater as it flows through the vegetation and percolates into the soil. Therefore, the proposed Project does not include the direct discharge of pollutants into water resources post-construction.

6.2 SECTION 302 – WATER QUALITY RELATED EFFLUENT LIMITATIONS

This section requires the implementation of alternative effluent control strategies for point source discharges that would interfere with the attainment and maintenance of water quality standards of a specific water. The Project does not involve any industrial wastewater point source discharges; therefore, this section is not applicable.

6.3 SECTION 311 – OIL AND HAZARDOUS SUBSTANCE LIABILITY

This section of the CWA addresses the discharge of fuel oil or oil in any form, including spilling and leaking. Although the focus of this section is directed towards large spills/leaks, there is the potential for heavy equipment used during construction to leak/spill fuel oil. In order to minimize potential leaks/spills impacting waters of the Commonwealth, sites for refueling and routine servicing of equipment and storage of fuels, lubricants, and any other materials that could potentially contaminate waterbodies will be located in upland locations at least 100 feet from the edge of the nearest waterbody when site conditions allow and with the exception of certain hydrostatic test water intake locations. Adequate supplies of suitable absorbent material and any other supplies and equipment necessary for the immediate containment and cleanup of inadvertent spills will be available on all construction spreads.

To prevent, minimize, and control any accidental spill of hazardous materials such as fuels, lubricants, and solvent across the project, SPLP will implement their PPC Plan (Attachment 12, Tab12A), Water Supply Assessment, Preparedness, Prevention and Contingency Plan (Attachment 12, Tab12B), and Inadvertent Return Assessment, Preparedness, Prevention and Contingency Plan (Attachment 12, Tab12C). Based on the prevention, preparedness, and contingency measures SPLP will implement to address any potential issues associated with the spill and clean-up of oil and other hazardous substances during construction, the Project complies with Section 311 of the CWA.

6.4 SECTION 316 – THERMAL DISCHARGES

Section 316 of the CWA specifically addresses discharges, subject to the provisions of Section 301, that require “the control of the thermal component of any discharge” be managed such that the “propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on the body of water into which the discharge is to be made” is not impacted. The Project does not involve discharge of any heated effluents or modification of the temperature of any stormwater runoff. Therefore, the Project will not adversely impact the post-construction viability of the water resources to support aquatic life at the same levels as pre-construction conditions.

6.5 SECTION 401 – PERMITS AND LICENSES

Section 401 of the CWA is applicable to projects that require a Federal license or permit to conduct any activity that may result in a discharge into navigable waters. Specifically, this section requires these projects to provide the Federal licensing or permitting agency with a 401 certificate from the State in which the discharge will occur. SPLP has requested a Section 401 water quality certification for this Project with its Section 105 application.

6.6 SECTION 402 – NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Section 402 of the CWA addresses a project's requirements for obtaining a permit to discharge any pollutant consistent with the State's limitations/standards. In compliance with this Section as well as Chapter 92a (NPDES Permitting, Monitoring and Compliance), SPLP has prepared the necessary permit applications (PADEP PAG-10 General NPDES Permits) for discharge of the Project's hydrostatic test water. At this time, PADEP, Southwest Regional Office approved and issued a PAG-10 permit for the discharge locations under their jurisdiction (NPDES Permit No PAG106192); PADEP, Southcentral Regional Office has also approved and issued a PAG-10 application for discharge locations under their jurisdiction (NPDES Permit PAG103570); and, there are no discharges proposed in the Southeastern region of PADEP.

6.7 SECTION 404 – PERMITS FOR DREDGED OR FILL MATERIAL

Section 404 of the CWA requires permits for dredged or fill materials into waters of the United States, and is regulated through the JPA program between PADEP and the USACE in the Commonwealth of Pennsylvania. The specific requirements identified within Section 404 have been incorporated into the Commonwealth's JPA process and permit requirements/applications. Accordingly, the proposed Project will comply with this Section of the CWA as the 404 requirements have been addressed in the county permit applications submitted to the regional PADEP and USACE offices, and/or will be addressed or supplemented with information contained within the responses to technical deficiencies. Section 404 permits will be obtained at all locations where USACE has jurisdiction over the water resource and the activity.

7.0 REFERENCES

PADEP 2003. Water Quality Antidegradation Implementation Guidance. Document Number 391-0300-002. PADEP, Bureau of Water Supply and Wastewater Management. Available online at: <http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-47704/391-0300-002.pdf>

PADEP 2012. Erosion and Sediment Pollution Control Program Manual. Technical Guidance Number 363-2134-008. PADEP, Bureau of Water Supply and Wastewater Management. Available online at: <http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-88925/363-2134-008.pdf>

25 Pa. Code § 93. Water Quality Standards.

25 Pa. Code § 95. Wastewater Treatment Requirements.

25 Pa. Code § 102. Erosion and Sediment Control.

33 U.S.C. § 1251 et seq. Federal Water Pollution Control Act.

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Table 1: Stream Resources Crossed by the Pennsylvania Pipeline Project

County / Stream Type	Number of Streams Crossed ^a	Number of HQ Streams ^d			Number of EV Streams ^d			Stream Designated Or Existing Uses (most protective presented) ^{c,d}			
		Dry Crossing	HDD/Bore	Other ^b	Dry Crossing	HDD/Bore	Other	WWF	CWF	TSF	MF
Washington County											
Perennial	13	2	1	0	0	0	0	9	0	4	0
Intermittent	22	15	3	0	0	0	0	12	0	10	0
Ephemeral	13	4	1	0	0	0	0	5	0	8	0
County Totals	48	21	5	0	0	0	0	26	0	22	0
Allegheny County											
Perennial	6	0	0	0	0	0	0	6	0	0	0
Intermittent	5	0	0	0	0	0	0	5	0	0	0
Ephemeral	16	0	0	0	0	0	0	16	0	0	0
County Totals	27	0	0	0	0	0	0	27	0	0	0
Westmoreland County											
Perennial	43	12	2	2	0	0	0	15	19	9	4
Intermittent	35	7	3	0	0	0	0	6	15	14	4
Ephemeral	47	6	2	0	0	0	0	7	14	26	5
County Totals	125	25	7	2	0	0	0	28	48	49	13
Indiana County											
Perennial	32	5	1	0	0	0	0	1	30	1	0
Intermittent	27	4	1	0	0	0	0	1	24	2	0
Ephemeral	13	2	0	0	0	0	0	0	13	0	0
County Totals	72	11	2	0	0	0	0	2	67	3	0
Cambria County											
Perennial	48	20	1	1	0	0	0	0	48	0	0
Intermittent	28	14	1	0	0	0	0	0	28	0	1
Ephemeral	36	14	2	0	0	0	0	0	36	0	1

County / Stream Type	Number of Streams Crossed ^a	Number of HQ Streams ^d			Number of EV Streams ^d			Stream Designated Or Existing Uses (most protective presented) ^{c,d}			
		Dry Crossing	HDD/Bore	Other ^b	Dry Crossing	HDD/Bore	Other	WWF	CWF	TSF	MF
County Totals	112	48	4	1	0	0	0	0	112	0	2
Blair County											
Perennial	21	1	2	0	0	0	0	15	6	0	21
Intermittent	18	1	0	0	0	0	0	17	1	0	18
Ephemeral	16	0	0	0	0	0	0	13	2	1	16
County Totals	55	2	2	0	0	0	0	45	9	1	55
Huntingdon County											
Perennial	42	6	1	0	0	0	0	12	18	12	42
Intermittent	27	5	1	0	0	0	0	6	12	9	27
Ephemeral	25	1	0	0	0	0	0	10	7	8	25
County Totals	94	12	2	0	0	0	0	28	37	29	94
Juniata County											
Perennial	9	0	0	0	0	0	0	0	9	0	9
Intermittent	4	0	0	0	0	0	0	0	4	0	4
Ephemeral	6	0	0	0	0	0	0	0	6	0	6
County Totals	19	0	0	0	0	0	0	0	19	0	19
Perry County											
Perennial	14	10	1	1	2	0	0	0	12	0	14
Intermittent	11	9	0	2	0	0	0	0	11	0	9
Ephemeral	5	4	0	1	0	0	0	0	5	0	5
County Totals	30	23	1	4	2	0	0	0	28	0	28
Cumberland County											
Perennial	50	7	3	1	0	0	0	32	16	2	50
Intermittent	19	3	0	0	0	0	0	13	3	3	19
Ephemeral	16	1	1	0	0	0	0	10	5	1	16
County Totals	85	11	4	1	0	0	0	55	24	6	85

County / Stream Type	Number of Streams Crossed ^a	Number of HQ Streams ^d			Number of EV Streams ^d			Stream Designated Or Existing Uses (most protective presented) ^{c,d}			
		Dry Crossing	HDD/Bore	Other ^b	Dry Crossing	HDD/Bore	Other	WWF	CWF	TSF	MF
York County											
Perennial	12	0	0	0	0	0	0	8	4	0	12
Intermittent	3	0	0	0	0	0	0	1	2	0	3
Ephemeral	4	0	0	0	0	0	0	2	2	0	4
County Totals	19	0	0	0	0	0	0	11	8	0	19
Dauphin County											
Perennial	20	0	0	0	0	0	0	20	0	0	19
Intermittent	10	0	0	0	0	0	0	10	0	0	10
Ephemeral	2	0	0	0	0	0	0	2	0	0	2
County Totals	32	0	0	0	0	0	0	32	0	0	31
Lebanon County											
Perennial	20	0	0	0	0	0	0	3	6	11	20
Intermittent	5	0	0	0	0	0	0	0	0	5	5
Ephemeral	4	0	0	0	0	0	0	1	0	3	4
County Totals	29	0	0	0	0	0	0	4	6	19	29
Lancaster County											
Perennial	6	0	3	0	0	0	0	5	0	1	6
Intermittent	9	1	4	0	0	0	0	8	0	1	9
Ephemeral	2	0	1	0	0	0	0	2	0	0	2
County Totals	17	1	8	0	0	0	0	15	0	2	17
Berks County											
Perennial	27	6	2	1	4	1	0	2	15	5	27
Intermittent	14	4	1	1	0	0	0	1	8	5	14
Ephemeral	6	0	1	0	2	0	0	0	4	0	6
County Totals	47	10	4	2	6	1	0	3	27	10	47

County / Stream Type	Number of Streams Crossed ^a	Number of HQ Streams ^d			Number of EV Streams ^d			Stream Designated Or Existing Uses (most protective presented) ^{c,d}			
		Dry Crossing	HDD/Bore	Other ^b	Dry Crossing	HDD/Bore	Other	WWF	CWF	TSF	MF
Chester County											
Perennial	22	6	6	0	3	0	0	0	6	13	22
Intermittent	7	2	5	0	0	0	0	0	0	7	7
Ephemeral	11	2	7	0	0	0	0	0	2	9	11
County Totals	40	10	18	0	3	0	0	0	8	29	40
Delaware County											
Perennial	14	1	0	0	0	0		3	1	10	14
Intermittent	6	0	0	0	0	0	0	0	0	6	6
Ephemeral	12	0	1	0	0	0	0	2	1	9	12
County Totals	32	1	1	0	0	0	0	5	2	25	32
Project Totals											
Perennial	399	76	23	6	9	1	0	131	190	68	260
Intermittent	250	65	19	3	0	0	0	80	108	62	136
Ephemeral	234	34	16	1	2	0	0	70	97	65	115
Totals	883	175	58	10	11	1	0	281	395	195	511
<p>a. Only includes streams actually crossed by the Project. Does not include streams with a crossing method of avoid, floodway crossing, floodway only, HDD floodway, bore floodway, or open cut floodway.</p> <p>b. Includes all crossing methods other than dry crossing, bore, or HDD; including but not limited to temporary bridge and travel lane.</p> <p>c. An individual stream may fall into more than one of these categories as it may have multiple uses.</p> <p>d. Includes streams classified as "Drains to..."</p>											

Table 2: EV Wetland Resources Crossed by the Pennsylvania Pipeline Project

County	Total Number Crossed	Number of Crossings		
		Open Cut ^a	HDD /Bore	Other ^b
Washington	0	0	0	0
Allegheny	0	0	0	0
Westmoreland	0	0	0	0
Indiana	13	12	1	0
Cambria	20	17	3	0
Blair	29	17	11	1
Huntingdon	0	0	0	0
Juniata	0	0	0	0
Perry	14	12	2	0
Cumberland	11	5	4	2
York	0	0	0	0
Dauphin	0	0	0	0
Lebanon	4	3	1	0
Lancaster	5	1	4	0
Berks	30	24	6	0
Chester	10	9	1	0
Delaware	3	1	2	0
Project Total	139	101	35	3
<p>a. Includes open cut / bore, open cut / HDD, and HDD / Open Cut</p> <p>b. Includes all crossing methods other than dry crossing, bore, or HDD; including but not limited to temporary bridge and travel lane.</p>				

Table 3: Resource-Specific Antidegradation Analysis for all HQ/EV Streams and EV Wetlands, by County

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
Washington County								
S269	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.23
S12	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.25
S124	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.26
S13	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.27
S14	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.28
S16	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.31

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S250	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.31
S125	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.35
S126	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.35
S127	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.36
S128	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.36
S129	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.35, 1.36

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S280	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.37
S138	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.42
S139	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.42
S18	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.44
S19	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.45
S20	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.45

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S21	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.46
S22	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.47
S140	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.47
S23	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.48
S-T35	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.50
S-T34	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.52

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S24	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.52
S25	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-1.53
Westmoreland County								
S-P41	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.01
S-P42	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.01
S-P43	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02
S-P44	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-P45	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02
S-P46	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.03
S-P47	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.03
S-P50	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.04
S-Q7	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.04
S-Q9	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.04

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-Q8	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.04
S-Q6	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.05
S-Q5	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.05
S-Q4	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.05
S-Q3	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.06
S-CC13	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.06

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-M108	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.09
S-M106	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.08, 2.09
S-BB60	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.09, 2.10
S-M103	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.10
S-P36	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.11, 2.12
S-M99	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.13, 2.14

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-M100	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.14
S-M98	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.15
S-P33	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.20
S-P32	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.21
S-P31	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.21
S-P29	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.21

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-P11	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.39
S-P12	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.39
S-P10	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.39
S-P13	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.39
S-O61	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.40
S-P14	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.42
Indiana County								

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
O74	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.25
O63	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.47
O66	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.47
N43	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.47
N41	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.49
S-N65	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
N34	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-N66	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
O55	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-O78	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-O77	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-O76	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.55

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O66	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.57
O48	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.57
O46	Wetland	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.58
S-O64	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.58
S-O63	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.58
O52	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.60

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O70	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.60
S-O69	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.60
W134	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.60
S-O72	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.61
W135	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.61
S-O73	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.62

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
W136	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.62
S-O74	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.62
Cambria County								
S-N64	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02
S-N63	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02
W139	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02
S-N62	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
W140	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.02
S-BB61	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.03
S-N61	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.03
S-N59	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.05
S-N56	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.06
N33	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.09

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-N53	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.09
S-N54	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.09
S-N52	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.10
N30	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.10
S-N51	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.10, 2.11
S-N50	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.11

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-N49	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.11
S-N48	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.12
S-N46	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.12, 2.13
S-N45	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.13
N29	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.13
S-N42	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.15

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O38	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.20
O20	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.21
S-O37	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.21
S-O59	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.23
S-O60	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.23
O42	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.23

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O56	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.23
S-O54	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24
S-O52	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24
S-O51	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24
S-O50	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24
S-O30	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24, 2.25

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
O37	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24
S-O45	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24, 2.25
S-O48	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.24
S-O31	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.25
O16	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.25
S-O33	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.27

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O34	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.29
S-O36	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.29
CC6	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.31
S-CC5	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.31
S-CC4	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.31
S-CC6	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.31

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
CC7	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.31
S-CC7	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.31, 2.32
CC21	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.32
CC17	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.33
S-CC8	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.33
CC4	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.34

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-CC2	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.34
S-CC1	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.34
N4	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.44, 2.45
S-N22	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.52
S-N21	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.52
S-N18	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.53

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O14	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.53
S-O13	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-O11	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-O12	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.54
S-O9	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.55
S-O7	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.55

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-O6	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.55
S-O5	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.55, 2.56
S-O4	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.56
S-O1	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.57
K27	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.59
M59	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.73, 2.74

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
L62	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-2.74
BB111	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.01
L70A	Wetland	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.01
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L70B	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.01
L61	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.10, 3.11
M57	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.12

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
Q52	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.12
M56	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.12
M55	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.12
BB120	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17
M79	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.21
M49	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.21

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
Q57	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	
BB60	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.32
BB58	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.33
BB56	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.36
BB52	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.37
BB51	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.38

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
M35	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.42
BB108	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.42
BB124	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.43, 3.44
BB125	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.44
L56	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.45
L55	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.45

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
L54	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.45, 3.46
L48	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.47
L40	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.51
M24	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.51, 3.52
M29	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.52
S-M35	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.56

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-M33	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.57
M26	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.57
S-M30	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.58
L35	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.67
S-L58	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.67
M23	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.67
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County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-L33	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.44
S-L31	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.45
S-L39	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.51
S-L40	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.52
S-M6	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.54
S-M7	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.54

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-M8	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.55
S-M3	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.71
S-M2	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.72
S-M1	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.72
S-K94	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.73
S-K95	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.74

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-K96	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.74
S-L21	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.74
Perry County								
L2	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.03
S-L6	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.03
L1	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.03
S-Q70	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.03

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-L4	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.04
S-L3	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.08
S-L1	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.08
K55	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.10
K54	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.10
S-K52	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.10

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
K53	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.10
S-K51	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.10
K52	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.12
S-K50	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.12
Q63	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.16
S-Q64	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.16

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-Q63	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.16
W25e	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17
S-Q65	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17
W26e	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17
S-Q66	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17
W338	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-Q67	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.17
K49	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.22
S-K48	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.22
S-J76	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.22
S-J74	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.22
S-J75	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.22

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-CJ2	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.23
S-CJ4	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.23
S-J72	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.23
S-J70	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.27
J56	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.31
S-J60	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.31

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-J61	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.31
J57	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.31
S-J63	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.31
S-J62	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.31
S-J64	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.32
S-J65	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.32

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-J68	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.33
S-J69	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.33
J69	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-3.33, 3.34
Cumberland County								
S-J44	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.03
S-J43	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.04
S-I89	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.05

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-I87	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.06
S-I90	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.07
S-K16	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.08
S-J29	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.30
S-I69	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.32, 4.33
S-I67	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.33

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-I66	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.33, 4.34
S-I80	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.35
S-I79	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.35
I38	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.43
BB15	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.47
J15	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.47

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
J14	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.47
J13	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.47
J11	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.50
J10	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.50, 4.51
S-I50	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.58
S-I48	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.59

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-BB83	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.60
S-I47	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.60
I32	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.59
I31	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.59
I30	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.60
I25	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-4.96
Lebanon County								

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
A19	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.45
CJ2	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.50
W5c	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.53
H4	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.57, 5.58
Lancaster County								
K32	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.05
S-K34	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.05

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-K35	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.05
S-J59	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.07
S-A85	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.10
A55	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.11, 5.12
S-A83	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.11
S-A82	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.11

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
A54	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.12, 5.13
S-A79	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.12
S-A78	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.12
S-A77	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.13
A52	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.14
A56	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.14, 5.15
Berks County								

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
B21	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.04
B22	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.04
B24	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.05
K25	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.06
B42	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.06
B43	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.07

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
B44	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.09
B49	Wetland	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.14
C13	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.21
C12	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.20
S-B31	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.30
S-B32	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.31

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
W48A	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.33
S-B33	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.33
S-BB34	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.33
S-C11	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.34, 5.35
AM2	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.35
S-C10	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.35

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-C8	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.35
C6	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.35
S-C9	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.35
C1	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.37, 5.38
C2	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.38
C5	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.41

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
B32	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.42
B33	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.42
B31	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.44
W302	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.44
B30	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.44
B29	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.44

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
B28	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.45
B27	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.45
Pond-B3	Pond	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.46
S-C101	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.48
S-C102	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.48
S-C104	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.49

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-C103	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.49
S-C107	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.51
S-C108	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.51
S-H23	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.52
H26	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.52
S-H22	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.52

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
H25	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.52
S-H21	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.54
W301	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.55
S-H13	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack& Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.55
S-H15	Stream	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.55
S-H16	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.56

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
H21	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.56
S-H17	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.58, 5.59
S-H18	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.59
S-Q90	Stream	EV	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.60
S-Q89	Stream	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.60
Q80	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-5.60
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County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
A46	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.04
B12	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.05
B13	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.05
S-B14	Stream	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.05
B14	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.05
C33	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.07

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-C56	Stream	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.07
C34	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.07
S-C58	Stream	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.07
C35	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.07
S-A70	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.09
S-A71	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.09, 6.10

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-B15	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.11
S-B19	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.19
S-B18	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.19
S-H9	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.20
S-H52	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.24
S-Q83	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.25

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-Q86	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.25
C40	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.26
S-C73	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.26
C38	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.27
S-C72	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.27
S-H11	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.29

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-H10	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.29
S-C96	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.29
S-C94	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.30
S-C93	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.30, 6.31
S-C91	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.31
S-C92	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.31

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-C87	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.31, 6.32
S-C90	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.31
S-C89	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.32
S-H4	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.34
S-H3	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.34
S-C67	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.35

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
S-C68	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.35
C37	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.35
S-C69	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.35
S-H5	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.35
S-B35	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.73
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S-C44	Stream	HQ	Yes		X	Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.14

County / Resource ^a	Resource Type	HQ/EV	Cover Type Conversion	Antidegradation Requirement		ABACT Measure	Justification	Erosion & Sediment Sheet No.
				Non-Discharge	ABACT			
C23	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.14
S-C26	Stream	HQ	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.16
C10	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan, RCE with Wash Rack & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock, rock construction entrances with wash racks, and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.16
I1	Wetland	EV	No	X		Compost filter socks, immediate stabilization, PPC plan & Erosion Control Blanket	Procedural BMP's such as Immediate stabilization and the PPC plan are implemented for areas requiring ABACT and throughout the project. Compost filter sock and erosion control blanket for 100' from the top of stream bank are all approved ABACT measures to manage the potential for an increase in stormwater discharge during construction. The combination of these technologies ensures that when implemented properly the stormwater discharge will be a non-degrading discharge.	ES-6.20

a. Only includes streams actually crossed by the Project. Does not include streams with a crossing method of avoid, floodway crossing, floodway only, HDD floodway, or open cut floodway.