

CCR & EPS TECHNICIAN GUIDE TO THE
CONSTRUCTION GENERAL PERMIT (FEDERAL & STATE)

Delaware and Federal Requirements under the E & S Program

The Delaware Construction General Permit (DE-CGP) of 2008 has been Administratively Extended until such time that the newest revision is promulgated by the EPA. The conditions in DE-CGP are the requirements under which we operate and are the basis for the NPDES permit. We must also adhere to the minimum requirements of the Federal CGP (2012 and subsequent renewals, currently due 2017). The ES2M Form is directly tied to the requirements of both permits and guides you in your observations of construction project sites.

This guide will tie ES2M inspection observations to the requirements of the following Federal, State, Tribal and/or Local Laws and Regulations:

Federal Construction General Permit (FED CGP) <https://www.epa.gov/npdes/stormwater-discharges-construction-activities#overview>

Delaware Construction General Permit (DE CGP)

<http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/Sediment%20and%20Stormwater%20Policies/Part%202%20SPECIAL%20CONDITIONS%20FOR%20STORM%20WATER%20DISCHARGES%20ASSOCIATED%20WITH%20CONSTRUCTION%20ACTIVITIES.pdf>

Title 7 Administrative Code §5101 Delaware Sediment and Stormwater Regulations (DSSR) & Technical Document <http://regulations.delaware.gov/register/may2016/emergency/19%20DE%20Reg%20963%2005-01-16.htm>

Delaware Erosion & Sediment Control Handbook (DE-ESC)

<http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/Technical%20Document/Latest%20Version%20of%20all%20Articles/3.06.1%20Delaware%20ESC%20Handbook.pdf>

Delaware Code <http://delcode.delaware.gov/>

Title 7 Chapter 40 Sediment & Stormwater

Title 7 Chapter 60 Environmental Control

Title 3 Chapter 24 Noxious Weed

Title 3 Chapter 27 Nuisance Plant

Delaware Administrative Code <http://regulations.delaware.gov/AdminCode/>

Title 7 Natural Resources and Environmental Control

Delaware Department of Transportation Standard Construction Specifications and Standard Construction Details (All 2014 updates).

1.1	Project conforms with the SWPPP?		
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>	Project compliance is dependent on answering 1.1.1 through 1.1.6. The exception being 1.1.3, see the applicable section discussion.	
		In addition to the Standard Construction Details and Standard Construction Specifications, the Installation & Maintenance of best management practices (bmps) is part of the SWPPP.	
		Failure to install or make operational downgradient sediment controls prior to earth-disturbing activities in any portion of your site is non-compliance with the SWPPP – automatic deduction of 10 points in 1.1	
		1.1.3 Installation at any time of initial controls downgradient to disturbance is non-negotiable. Points are automatically deducted in 1.1 for non-compliance with the approved SWPPP. Minor disturbance is permitted to install required bmps.	
FED CGP	7.4. Required SWPPP Modifications		
	7.4.1 List of Conditions Requiring SWPPP Modifications		
	7.4.1.1	Changes to Construction Plans, Stormwater Control measures, pollution prevention measures, or other activities that no longer accurately reflect your SWPPP. Does not include estimated dates for construction; and	
		Redline Field Revisions (PS)	Adding bmp controls, moving SF, minor not requiring calculations
		Engineer Approved Revisions <i>The Area Engineer will move the revision through the applicable sections. Only concern yourself with revisions that effect ES2M.</i>	Standard Construction Detail revisions (SW Eng.)
			Sequence of Construction revisions (Designer & SW Eng.)
			Use of Chemical Treatments (SW Eng.)
			BMP Facility Construction (SW Eng.)
	7.4.1.3	CCR inspections or investigations by site staff determine that SWPPP modification is necessary for compliance; and (<i>Rain Event inspections are not precluded from these inspections and are an integral tool in determining operational controls during the highest potential for sediment discharges. Following a rain event ask to review the inspection information to keep your information relevant when addressing various deficiencies on a site. Add this information to your NOTES section for reference.</i>)	
	7.4.1.4	EPA determines additional requirements are necessary to prevent a discharge; and	
7.4.1.5	To reflect revisions applicable to Federal, State, tribal or local requirements effecting stormwater control measures implemented at the site; and		
7.4.1.6	A change to a chemical treatment system or chemically enhanced stormwater control is made or introduced. Must receive approval from the SW Engineer prior to implementation in the field. (<i>This is the introduction of flocculants on a Project where there is no current record.</i>)		
7.4.2	Deadlines for SWPPP Modifications. (<i>Required revisions to the SWPPP must occur within 7 calendar days (c.d.) following initiation of conditions in 7.4.1.</i>)		

CGP GUIDANCE & ES2M INSPECTION

DE CGP	§9.1.02.2 Standard Conditions		
	§9.1.02.2.C	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems, and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.	
	§9.1.02.5 Sediment and Stormwater Plan		
	§9.1.02.5.D	Keeping the Plan Current	
DSSR	3.5 Plan Approval and Procedures		
	3.5.5	No changes shall be made to an approved plan without review and written approval by the Delegated Agency. The Delegated Agency may request additional data to complete a review of the plan and to ensure compliance with the requirements of the regulations.	
	Technical Document 2.02	Plan Revisions	At any time, if the approved Plan needs to be modified, additional sediment and stormwater control measures may be required as deemed necessary by the Delegated Agency; and Any proposed changes shall be reviewed by the Delegated Agency to determine if a formal revision is required or if a field revision will suffice.
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

CGP GUIDANCE & ES2M INSPECTION

1.1.1	Have all ES2M changes been approved by the SW Engineer?		
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>		<p>Project compliance is dependent on answering 1.1.1 through 1.1.6.</p> <p>7 c.d. from the date the change is initiated.</p> <p>The exception being 1.1.3, see the applicable section discussion.</p>
FED CGP	7.4 Required SWPPP Modifications		
	7.4.4 Signatory Requirements. <i>SWPPP is required to be up to date. All changes documented and approved by the SW Engineer.</i>		
DE CGP	§9.1.02.2 Standard Conditions		
	§9.1.02.2.D	Keeping the Plan Current	
	§9.1.02.2.E	Failure to Prepare or Amend the Plan	
DSSR	3.5. Plan Approval and Procedures		
	3.5.5	No changes shall be made to an approved plan without review and written approval by the Delegated Agency. The Delegated Agency may request additional data to complete a review of the plan and to ensure compliance with the requirements of the regulations.	
	6.1 Owner Responsibilities		
	6.1.1	Delegated Agency is to ensure all elements of the approved SWPPP are implemented as required.	
	6.1.4	Responsibility to Implement Plan Revisions or Modifications.	
	Technical Document 2.02	Plan Revisions	<p>At any time, if the approved Plan needs to be modified, additional sediment and stormwater control measures may be required as deemed necessary by the Delegated Agency; and</p> <p>Any proposed changes shall be reviewed by the Delegated Agency to determine if a formal revision is required or if a field revision will suffice.</p>
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

CGP GUIDANCE & ES2M INSPECTION

1.1.2 Have the approved changes been implemented?		
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>	
	<p>Changes are not taken lightly so if it is the intent to change a sequence or device then it is to be implemented at the appropriate time and scope of work.</p> <p>7 c.d. to implement.</p>	
FED CGP	7.4 Required SWPPP Modifications	
	7.4.4 Signatory Requirements.	
	<p>SWPPP is required to be up to date. All changes documented and approved by the SW Engineer. Once approved they become part of the updated SWPPP and require implementation at the appropriate time.</p>	
DE CGP	§9.1.02.2 Standard Conditions	
	§9.1.02.2.C Proper Procedures.	<p>Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.</p>
	§9.1.02.5 Sediment and Stormwater Plan	
	§9.1.02.5.D Keeping the Plan Current	
DSSR	3.5. Plan Approval and Procedures	
	3.5.5	<p>No changes shall be made to an approved plan without review and written approval by the Delegated Agency. The Delegated Agency may request additional data to complete a review of the plan and to ensure compliance with the requirements of the regulations.</p>
	6.1 Owner Responsibilities	
	6.1.1	<p>Delegated Agency is to ensure all elements of the approved SWPPP are implemented as required.</p>
	6.1.4	<p>Responsibility to Implement Plan Revisions or Modifications.</p>
	Technical Document 2.01	Delegated Agencies
Del. Code	Title 7 Chapter 40 Sediment and Stormwater	
	Title 7 Chapter 60 Environmental Control	

CGP GUIDANCE & ES2M INSPECTION

1.1.3 Are E & S Controls in place prior to disturbing the intended area?		
ES2M	<i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i>	<p>Installation of the initial E & S controls prior to bulk clearing and grubbing is non-negotiable; proceed to 1.1 and deduct 10 points.</p> <p>If the PS has provided this inspection, it must be documented on an inspection report with all requirements therein met. No documentation, no points.</p>
FED CGP	2.1 Erosion and Sediment Control Requirements	
	2.1.1 General Requirements Applicable to All Construction Sites	
	2.1.1.3.a Initial Stormwater Controls	Complete installation of stormwater controls by the time each phase of earth-disturbance has begun, unless infeasible (where it is infeasible to install stormwater controls prior to initial earth-disturbance, it is EPA’s expectation that it will be a rare circumstance preventing the contractor from installing such controls immediately following the initial earth-disturbance.
	2.1.2.2.a Sediment Controls & Earth-Disturbance	Install sediment controls along those perimeter areas of your site that will receive stormwater from earth-disturbing activities.
	4.1 Site Inspections	
4.1.7 Inspection Reporting Requirements	Required to complete an inspection report & all requirements therein, within 24 hours of completing any site inspection.	
DE CGP	§9.1.02.2 Standard Conditions	
	§9.1.02.2.C Proper Procedures.	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.
	§9.1.02.4 Monitoring	
	§9.1.02.4.C Record Keeping	Rain event inspection reports and weekly ES2M Inspection Rating Report.
DSSR	6.1 Owner Responsibilities	
	6.1.1	Delegated Agency is to ensure all elements of the approved SWPPP are implemented as required.
	6.5 Required Construction Reviews and Notification Steps	
	6.5.4 Initial Controls Inspection	Upon completion of installation of the perimeter controls, the Delegated Agency shall conduct a perimeter control review before commencement of bulk grading or other construction activities on site. This inspection is required to be documented.

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DSSR	Technical Document	2.01 Delegated Agencies	<p>A Delegated Agency assumes all responsibilities for implementation of the SWPPP. A Delegated Agency reviews and approves Sediment and Stormwater Management Plans prior to the start of construction, provides oversight of plan implementation during construction, and performs regular maintenance reviews of the permanent stormwater management facilities once construction is complete.</p> <p>A Delegated Agency follows all DNREC guidance and directives as it relates to the implementation of 7 Del C. Ch. 40, and the DSSR, and as contained in this manual (Technical Document).</p>
		4.01 Construction Review Guidelines	<p>The Delegated Agency requires the installation and review of the perimeter construction site stormwater management practices prior to any land disturbing activities.</p> <p>Review must be conducted by the Delegated Agency prior to proceeding with bulk grading or other construction activities on the site.</p>
Del. Code	Title 7 Chapter 40 Sediment and Stormwater		
	Title 7 Chapter 60 Environmental Control		

CGP GUIDANCE & ES2M INSPECTION

1.1.4	Are E & S Controls (ST, SBD, SF, etc.) removed as directed by the Engineer and/or concurrence with the SW Engineer per the SWPPP and/or meeting the conditions of the NOT?		
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>	<p>Removal of controls except perimeter controls should be completed in conformance with the SWPPP and in concurrence between the PS and CCR; perimeter controls can only be removed upon final vegetative stabilization or as directed by the SW Engineer.</p> <p>7 c.d. to implement the SWPPP.</p>	
FED CGP	7.4 Required SWPPP Modifications		
	7.4.1 List of Conditions requiring SWPPP Modifications		
	7.4.1.1 – 7.4.1.6	Changes to Construction Plans, Stormwater Control measures, pollution prevention measures, or other activities that no longer accurately reflect your SWPPP. Does not include estimated dates for construction; and	
	8.2 Conditions for Terminating Permit Coverage		
	8.2.1	Completion of all earth-disturbing activities at your site and if applicable, ... and have met the following requirements:	
	8.2.1.3	Removal of all stormwater controls that were installed and maintained during construction, except those that are intended for long-term use following termination of permit coverage or those that are biodegradable; and	
8.2.1.4	Removed all potential pollutants and pollutant-generating activities associated with construction.		
DE CGP	§9.1.02.2 Standard Conditions		
	§9.1.02.2.C	Proper Procedures.	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.
DSSR	6.1 Owner Responsibilities		
	6.1.1	Delegated Agency is to ensure all elements of the approved SWPPP are implemented as required.	
	Technical Document 2.01	Delegated Agencies	<p>A Delegated Agency assumes all responsibilities for implementation of the SWPPP. A Delegated Agency reviews and approves Sediment and Stormwater Management Plans prior to the start of construction, provides oversight of plan implementation during construction, and performs regular maintenance reviews of the permanent stormwater management facilities once construction is complete.</p> <p>A Delegated Agency follows all DNREC guidance and directives as it relates to the implementation of 7 Del C. Ch. 40, and the DSSR, and as contained in this manual (Technical Document).</p>
Del. Code	Title 7 Chapter 40 Sediment and Stormwater		
	Title 7 Chapter 60 Environmental Control		

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1.1.5	Are disturbed areas within the LOC?		
ES2M	<i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i>	Compliance with the SWPPP. 7 c.d.	
FED CGP	7.4 Required SWPPP Modifications		
	7.4.1 List of Conditions requiring SWPPP Modifications		
	7.4.1.1 – 7.4.1.6	Changes to Construction Plans, Stormwater Control measures, pollution prevention measures, or other activities that no longer accurately reflect your SWPPP. Does not include estimated dates for construction; and	
	8.2 Conditions For Terminating Permit Coverage		
	8.2.1.3	You have removed all stormwater controls that were installed and maintained, waste and waste handling devices, and have removed all equipment and vehicles that were used in construction.	
DE CGP	§9.1.02.2 Standard Conditions		
	§9.1.02.2.C Proper Procedures.	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.	
DSSR	1.11 Minimum Standards		
	4.4 Limits of Disturbance		
	6.1 Owner Responsibilities		
	6.1.1	Delegated Agency is to ensure all elements of the approved SWPPP are implemented as required.	
	Technical Document 2.01	Delegated Agencies	A Delegated Agency assumes all responsibilities for implementation of the SWPPP. A Delegated Agency reviews and approves Sediment and Stormwater Management Plans prior to the start of construction, provides oversight of plan implementation during construction, and performs regular maintenance reviews of the permanent stormwater management facilities once construction is complete. A Delegated Agency follows all DNREC guidance and directives as it relates to the implementation of 7 Del C. Ch. 40, and the DSSR, and as contained in this manual (Technical Document).
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

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1.1.6	Was 48 hour notification provided at commencement of BMP Facility construction?		
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>		<p>Compliance with the SWPPP.</p> <p>7 c.d. first occurrence and IMMEDIATELY thereafter. CCR is required to be present.</p>
FED CGP	N/A		
DE CGP	§9.1.02.2 Standard Conditions		
	§9.1.02.2.C Proper Procedures.		<p>Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.</p>
DSSR	6.1 Owner Responsibilities		
	6.1.8	CCR is responsible to review construction activities & report on adequacy of construction in accordance with the SWPPP.	
	6.1.8.2 BMP Facility Construction Review		Provision of a construction review of the stormwater management system at a frequency as needed to accurately complete the stormwater BMP construction checklist.
	6.5 Required Construction Reviews and Notification Steps		
	6.5.5	All stormwater management systems shall be reviewed during construction with enough frequency to document that the system has been constructed in accordance with the SWPPP.	
	Technical Document 4.01.2	BMP Construction Checklists	The person responsible for reviewing stormwater facility construction and installation is the person also responsible for completing the BMP Construction Checklist.
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

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1.2	Are stockpile locations approved and protected from the influence of stormwater?	
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>	<p>A stockpile is defined as storage for soil or other sediment material which will be later used on the project.</p> <p>Piles of asphalt millings crushed concrete, soils and other must be stockpiled in the approved location for removal in 20 working days if not to be used on the Project.</p> <p>Ensure these locations are redlined on the approved plan by the PS and direction given on locations to remove materials to; provide approved locations in your reports. All stockpile areas require temporary sediment controls (e.g. berms, dikes, SF, CFL, etc.) prior to use.</p> <p>Stabilization is incremental; upon cease of activity the contractor must initiate temporary stabilization with 14 days to complete (See 2.2 Stabilization Requirements of the FED CGP.)</p>
FED CGP	7.4 Required SWPPP Modifications	
	7.4.1 List of Conditions requiring SWPPP Modifications	
	7.4.1.1 – 7.4.1.6	Changes to Construction Plans, Stormwater Control measures, pollution prevention measures, or other activities that no longer accurately reflect your SWPPP. Does not include estimated dates for construction; and
	2.1 Erosion and Sediment Control Requirements	
	2.1.2 Erosion and Sediment Control Requirements Applicable for All Sites	
	2.1.2.2.a	Sediment Controls & Earth-Disturbance
	2.1.2.4	Control Discharges from Stockpiled Sediment or Soil
	2.1.2.4.a	Locate outside of natural buffers established in 2.1.2 (E & S Requirements for all sites) and physically separated from stormwater controls implemented in accordance with Part 2.1 Erosion & Sediment Requirements; and
	2.1.2.4.b	Perimeter Control Requirement; and
	2.1.2.4.c	Where practicable, provide cover or appropriate temporary stabilization to avoid direct with precipitation or to minimize sediment discharge; and
	2.1.2.4.e	Unless infeasible; contain and securely protect from wind disturbance.
	2.1.2.6	Slope stabilization: > 4:1 slope disturbance without providing appropriate measures, i.e. incremental stabilization and a number of E & S control practices such as phasing disturbance and timely stabilization.
DE CGP	§9.1.02.2 Standard Conditions	
	§9.1.02.2.C Proper Procedures.	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.

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DSSR	N/A		
DE-ESC	3.7	Miscellaneous Practices	
	3.7.3	Soil Stockpiling	Maximum slope of stockpile 3:1; maximum height 20 feet or local restriction (within DelDOT operational ROW it is unspecified); Stockpile must be protected with approved perimeter control, i.e. SF a minimum of 3 feet from toe of base or as specified whichever is greater;
		Soil Stockpiling Maintenance	Inspected regularly and immediately following a rain event;
		Soil Stockpiling Stabilization	Temporary stabilize upon reaching 14 days of inactivity;
		Soil Stockpiling Location	Locate 50 feet from any stormwater inlet, open channel, wetland or water body.
SPEC	908.01	Temporary Stockpiles	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

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1.3	Has a sediment discharge occurred to impaired waters?	
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>	<p>BAT must have been maintained prior to the sediment discharge. If bmp devices were deficient prior to then deduct points; if bmp devices were in place and operational, 7 calendar days to make corrective actions. Points deducted for continued non-compliance or failure to install initially.</p> <p>Be aware that should a rain event occur prior to your inspection and no corrective action has been initiated pursue the reason for failing to make corrective actions following a rain event inspection. It is required to be documented.</p> <p>DelDOT Inspectors are responsible for performing rain event inspections and issue a report within 24 hours of that inspection triggering Part 5.2.1.</p> <p>Designated 303d impaired waters for Delaware are located at the EPA Website and attached as part of this document.</p>
FED CGP	3.2 Discharge Limitations for Impaired Waters	
	3.2.2 Requirements for Discharges to Sediment or Nutrient-Impaired Waters	EPA Region 3: The State of Delaware is the NPDES Permitting Authority for the majority of discharges within its State. Compliance with Best Available Technology (BAT) associated with the DSSR (Delaware Sediment & Stormwater Regulations 2014 plus Technical Documents), and or Sediment and Stormwater Program standards and specifications (DE-ESC Handbook), guidance, and policy will constitute compliance with effluent limitations for stormwater discharges associated with construction activity. The Contractor will have seven (7) calendar days to rectify sediment discharges or be subject to actions listed in 901.06.
	3.2.2.1	Conduct inspections at the frequency specified (every 7 c.d. and within 24 hours of any storm event $\geq 0.25''/24$ hr. period.
	3.2.2.2	Deadline to Complete Stabilization as specified (within 7 c.d. of ceasing temporary or permanent earth-disturbing activities.)
	2.1 Erosion and Sediment Control Requirements	
	2.1.1 General Requirements Applicable to All Construction Sites	
	2.1.1.4.b	Required to make an inspection of the Project limits within 24 hours immediately following a storm event of $\geq 0.25''$ in 24 hr. period
	2.1.2 Erosion and Sediment Control Requirements Applicable for All Sites	
	2.1.2.1	If BAT (e.g. ST, SF, and SCD) have not been maintained and documented as deficient in the previous week’s inspection then deduct points and proceed to Section 1.1. Documentation is essential.
	4.1 Site Inspections	
4.1.3	Inspection Frequency Required for Impaired Waters 7 calendar days and within 24 hours of a rain event of $\geq 0.25''$ within 24 hr. period.	
4.1.7	Inspection Report Requirement Required to complete an inspection report & all requirements therein, within 24 hours of completing any site inspection.	

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	5.2 Requirements for Taking Corrective Action	
	5.2.1 Time Frame for New or Modified Controls	Failure to take corrective action to repair, modify or replace a bmp device and make operational (7 calendar days from discovery); if infeasible, the PS must document the reason and provide schedule for corrective action as soon as practicable.
	5.2.1.1	Control device was never installed, installed incorrectly, or not in accordance with Parts 2 and/or 3; or
	5.2.1.2	Awareness that stormwater controls installed and maintained is ineffective to minimize or prevent a discharge meeting applicable requirements of Part 3.1 (Comply with regional requirements per DNREC regulations governing discharge to impaired State waters.)
	5.2.1.3	Prohibited discharge in Part 2.3.1 is or has occurred. (<i>Wastewater from concrete washout; wastewater from washout of paint, stucco, form release oils, curing compounds and other construction materials</i>)
	5.4 Corrective Action Report	
	5.4.1 Complete a corrective action report	Within 24 hours of discovery that triggers a condition in 5.2.1 you must report the following information:
	5.4.1.1	Condition identified;
	5.4.1.2	Nature of condition identified; and
	5.4.1.3	Date & time condition identified and circumstances.
	5.4.2 Complete a corrective action report	Within 7 c.d. of discovery that triggers a condition in 5.2.1
	5.4.2.1	Follow up action to review design, installation, and maintenance of controls, including dates such actions occurred;
	5.4.2.2	Summarize control modifications taken or to be taken, including schedule of activities to implement changes, and date modifications are completed or expected to be completed; and
	5.4.2.3	Whether SWPPP modifications are required as a result of identifying condition or corrective action.
DE CGP	§9.1.02.2 Standard Conditions	
	§9.1.02.2.C Proper Procedures.	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.
DSSR	6.1.3.2	Required to make an inspection of the Project limits within 24 hours immediately following a storm event of ≥ 0.50” in 24 hr. period (must meet the Federal minimum 0.25” in 24 hr. period).
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

CGP GUIDANCE & ES2M INSPECTION

1.4	Are points of egress and ingress out of the Project onto publically accessed roadways free of sediment?		
ES2M	<p><i>The SWPPP is the Stormwater Pollution Prevention Plan and is essentially the “Plans” as we know them. It includes the following: General Notes, Special Provisions, Plans, Supplemental Specifications, Standard Construction Details, and Standard Construction Specifications.</i></p>	<p>SCE locations in the field for installation and use are approved by the PS and redlined on the SWPPP. Tracking sediment onto a publically utilized road is a deficiency. Action must be initiated by the end of the work day and completed in 7 calendar days to comply.</p> <p>DeIDOT Inspectors are responsible for performing rain event inspections and issue a report within 24 hours of that inspection triggering Part 5.2.1.</p>	
FED CGP	2.1 Erosion and Sediment Control Requirements		
	2.1.1.4.a Maintain E & S Controls	Repair, modify or replace a bmp device. Due 7 calendar day.	
	2.1.2.3 Tracking of Sediment Prohibited	Must use approved locations to egress and ingress off of paved areas: off-site streets, sidewalks, shoulder lanes and other paved areas.	
	2.1.2.3.a	Restrict vehicle use to approved exit points;	
	2.1.2.3.b	Use appropriate control measures at all exit points onto public paved roads;	
	2.1.2.3.c	Use additional measures if required (tire washing facility)	
	2.1.2.3.d	Removal of sediments by end of same work day; sweep, shovel, or vacuum; prohibited from hosing or sweeping into a stormwater conveyance unless connected to a sediment trapping device (ST or SB), stormwater inlet, or surface water.	
	3.2 Discharge Limitations to Impaired Waters		
	3.2.2.1	Conduct inspections at the frequency specified (every 7 c.d. and within 24 hours of any storm event $\geq 0.25''/24$ hr. period.	
	3.2.2.2	Deadline to Complete Stabilization as specified (within 7 c.d. of ceasing temporary or permanent earth-disturbing activities.)	
	4.1 Site Inspections		
	4.1.3 Inspection Frequency Required for Impaired Waters	7 calendar days and within 24 hours of a rain event of $\geq 0.25''$ within 24 hr. period.	
	4.1.7 Inspection Report Requirement	Required to complete an inspection report & all requirements therein, within 24 hours of completing any site inspection.	
	5.1	Correction Actions Defined	
		Actions taken in compliance with this Part.	
	<ul style="list-style-type: none"> • Repair, modify, or replace any stormwater control used at the site; • Clean up and properly dispose of spills, releases, or other deposits; or • Remedy a permit violation. 		
5.2	Requirements for Taking Corrective Action		
	<i>Must take IMMEDIATE action to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational, including cleanup of surfaces to prevent discharge in subsequent storm events. 7 c.d. is the general time-frame for meeting these deadlines but it must be initiated as soon as it is discovered as part of maintenance requirements applicable to all Construction sites.</i>		

CGP GUIDANCE & ES2M INSPECTION

DE CGP	§9.1.02.2 Standard Conditions	
	§9.1.02.2.C Proper Procedures.	Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.
	§9.1.02.4 Monitoring	Rain event inspections and weekly ES2M Inspection Rating Report.
DSSR	1.11 Minimum Standards	
	6.1.2 Install & Maintain according to the SWPPP	
	6.1.3.2	7 calendar days and within 24 hours immediately following a storm event of ≥ 0.50" in 24 hr. period
DE-ESC	3.4.7 Soil Stabilization Practices	3.4.7 Stabilized Construction Entrance
SPEC	908 Soil Stabilization Practices	908.02.E Stabilized Construction Entrance
DETAIL	E-14 Stabilized Construction Entrance	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

CGP GUIDANCE & ES2M INSPECTION

902.03	DEWATERING & MOA	
902.03.	a.	Submit Approved Permits – 7 c.d. to provide once exceeding 50,000 gallon daily limit.
	b.	Provide sufficient equipment & back-up equipment or replacement equipment to ensure CONTINUOUS dewatering of work area. <i>Instantaneous/totalizing flow meters required on ALL dewatering equipment.</i>
	c.	Required Notification 48 hours in advance prior to starting operations.
		DNREC Water Resources: (302) 739-9945
		DNREC Wetland & Subaqueous Lands: (302) 739-9943 (if adjacent to or discharged directed to wetlands).
	d.	Dewatering Operations. Do not allow surface or ground water to rise around proposed work; continuous until work is finished.
	e.	Install clean water diversions outside excavation via pipes, berms, dikes, pumps, etc. Comply with sediment control measures.
	f.	Protect adjacent properties.
	g.	Protect adjacent water bodies; discharge of freshwater to saline water is prohibited; dewatering cannot cause inadvertent drawdown or dewatering of wetlands
	h.	Dewatering discharge must be to an approved sediment trapping device per the SWPPP.
	i.	Cofferdams: Minimum of 12 hour settling time then remove water by skimming, immerse intake no more than 6” below surface. Once water is sufficiently removed install dewatering equipment per SWPPP.
j.	Do not impact wells.	
FED CGP	2.1 Erosion and Sediment Control Requirements	
	2.1.3 Requirements Applicable Only to Sites Using These Specific Stormwater Controls	
	2.1.3.4	Dewatering Practices
	5.1 Corrective Action Defined	
DE CGP	§9.1.02.2 Standard Conditions	
DSSR	N/A	
DE-ESC	3.2 Dewatering Practices & MOA	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60 §6003.a.3	Environmental Control

Stream by-pass pumping does not require a meter and will have a stilling well at the intake and a stabilized outfall at the point of discharge.

Exceeding the 50,000 GPD limit during dewatering operations is required to have in place a DNREC issued Dewatering Permit. This permit is to be issued prior to exceeding the threshold. As this is not DelDOT’s regulation to enforce notification to the legal authority is all that is required. The contractor has 7 calendar days to provide the permit for review. The deficiency remains active until the permit is reviewed by the CCR.

Determine if notification was given prior to beginning the operation to the appropriate sections within DNREC. We will be reviewing this and notifying the applicable parties for failure to comply with the MOA.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

903	POLLUTION PREVENTION PRACTICES	
FED CGP	2.3 Pollution Prevention Requirements	
	Required to design, install, and maintain effective pollution prevention measures in order to prevent the discharge of pollutants.	<ul style="list-style-type: none"> Eliminate pollutant discharges from your site (Part 2.3.1) Maintain all pollution prevention controls (Part 2.3.2) Comply with pollution prevention standards for pollutant-generating activities occurring on your site (Part 2.3.3)
	2.3.1 Prohibited Discharges	
	2.3.1.1	Wastewater: Concrete washout, unless managed by an appropriate control per 2.3.3.4;
	2.3.1.2	Wastewater: Washout and Cleanout of stucco, paint, form release oils, curing compounds and other construction materials, unless managed by an appropriate control per 2.3.3.4;
	2.3.1.3	Fuels, oils or other pollutants used in vehicle and equipment operation and maintenance;
	2.3.1.4	Soaps, solvents, or detergents used in vehicle and equipment washing; and
	2.3.1.5	Toxic or hazardous substances from a spill or other release.
	2.3.2 General Maintenance and Requirements	
		Ensure all pollution prevention controls installed in accordance with this Part remain in effective operating condition and are protected from activities that would reduce their effectiveness.
		Inspect all pollutant-generating activities and pollution prevention controls during the required inspection frequency in accordance with Part 4.1.2 & 3.2.2.1 to avoid stormwater discharges resulting from leaks, spills, and other releases of pollutants.
	2.3.2.1	Upon discovery must initiate work to fix the problem IMMEDIATELY and complete work by end of the following work day; if significant repair or maintenance is required then
	2.3.3.2	Must install new or make significant repair or modify and make operational no later than 7 c.d. from time of discovery. If infeasible to meet this deadline then a documented schedule for installing controls and making operation as soon as practicable after the 7 c.d. timeframe. Changes to the SWPPP controls or procedures must be documented within 7 c.d. of completing this work.
	2.3.3 Pollution Prevention Standards	
		Required to comply with pollution prevention standards in this Part if you conduct any of the following activities or construction support activities at your site.
	2.3.3.1	Fueling and Maintenance of Equipment or Vehicles
	a.	Comply with SPCC requirements in 40 CFR 112 and Section 311 of CWA
	b.	Ensure adequate spill prevention supplies available at all times;
c.	Use drip pans and absorbent under or around leaky vehicles/equipment;	
d.	Disposal in accordance with Federal, State, Tribal or Local requirements;	
e.	Cleanup spills or contaminated surfaces IMMEDIATELY, use dry cleanup measures and eliminate source of spill;	
f.	Do not hose down spill areas or surfaces.	

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FED CGP	2.3.3.2	Washing of Equipment and Vehicles	
	a.	Provide effective means for minimizing discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of washing; <i>(CCR can recommend locating activities away from stormwater conveyance systems and direct wash water to ST, SB or other filtration devices.)</i>	
	b.	Provide covered storage for soaps, detergents, or solvents. <i>(CCR can recommend the use of temporary roofs or plastic sheeting to keep rainwater from contacting, or an alternate means designed to prevent discharge of pollutants.)</i>	
	2.3.3.3	Storage, Handling, and Disposal of Construction Products, Materials, and Wastes	
	a.	Provide storage area cover either temporary roofs or plastic sheeting to prevent contact with stormwater, or similar effective means of preventing discharge of pollutants;	
	b.	Pesticides, Herbicides, Insecticides, fertilizers, and landscape materials	
	i.	Provide storage area cover either temporary roofs or plastic sheeting to prevent contact with stormwater, or similar effective means of preventing discharge of pollutants;	
	ii.	Comply with all application and disposal requirements on the label.	
	c.	Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals:	
	i.	Store chemicals in water-tight containers, and provide storage area cover either temporary roofs or plastic sheeting to prevent contact with stormwater, or similar effective means of preventing discharge of pollutants from these areas (e.g. spill kits), or provide secondary containment (e.g. spill berms, containment pallets); and	
	ii.	Cleanup spills IMMEDIATELY, and dispose of properly. Do not hose down spill areas or surfaces. Eliminate the source.	
	d.	Hazardous or Toxic Waste Including but not limited to paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids.	
	i.	Separate hazardous or toxic waste from Construction and Domestic Waste;	
	ii.	Store in sealed containers, constructed to prevent leakage and corrosion, and labeled in accordance with Resource Conservation Recovery Act (RCRA) requirements and all other applicable Federal, State, Tribal and Local requirements.	
	iii.	Outside storage areas must be within secondary containment (e.g. spill berms) to prevent spills and discharge or similar effective means of preventing discharge of pollutants from these areas (e.g. storage of chemicals in covered area or having a spill kit available on site);	
	iv.	Disposal in accordance with manufacturer’s recommended method and in compliance with all other applicable Federal, State, Tribal and Local requirements.	
	v.	Cleanup spills IMMEDIATELY, use dry cleanup methods where possible, and dispose of used materials properly. Do not hose down spill areas or surfaces. Eliminate the source.	
	e.	Construction and Domestic Waste	
	1.	Work days: clean up and dispose of waste in designated waste containers; and	
	2.	Clean up IMMEDIATELY if containers overflow	
	f.	Sanitary Facilities	
		Position portable facilities so they are secure and will not tip or be knocked over.	

CGP GUIDANCE & ES2M INSPECTION

FED CGP	2.3.3.4	Washing of Applicators and Containers used for Paint, Concrete, or Other Materials.	
		To comply with prohibition in Parts 2.3.1.1 and 2.3.1.2, you must provide means of eliminating discharge of wash water from concrete washout, waste water and cleanout of paint, stucco, form release oils, curing compounds, and other construction materials. To comply you must:	
	a.	Direct all wash water to leak proof container or leak proof pit.	
	b.	Handle wash water waste as follows:	
	i.	Do not dump wash water waste into stormwater conveyance systems.	
	ii.	Dispose of as per 2.3.3.3 applicable requirements; and	
	iii.	Remove and dispose of hardened concrete waste consistent with handling of construction wastes in 2.3.3.3; and	
	c.	Locate any washout or cleanout activities as far away as possible from surface waters and stormwater conveyances (e.g. stormwater inlets, swales) to the extent practicable, designate areas to be used for these activities.	
	2.3.4	Spill Notification	
		Reportable quantity is 25 gallons or more; Project Supervisor will contact Melody Peters, HazMat Manager at office: 302.760.2463; cell: 302.632.1372. Ms. Peters will make necessary contacts with outside agencies as needed. Or TMC at 302.659.4600. Document your notification to the Project Supervisor in the report NOTES.	
2.3.5	Fertilizer Discharge Restrictions		
2.3.5.4	Never apply to frozen ground.		
5.1	Correction Actions Defined		
	Actions taken in compliance with this Part.		
	<ul style="list-style-type: none"> • Repair, modify, or replace any stormwater control used at the site; • Clean up and properly dispose of spills, releases, or other deposits; or • Remedy a permit violation. 		
5.2	Requirements for Taking Corrective Action		
	<i>Must take IMMEDIATE action to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational, including cleanup of surfaces to prevent discharge in subsequent storm events. 7 c.d. is the general time-frame for meeting these deadlines but it must be initiated as soon as it is discovered as part of maintenance requirements applicable to all Construction sites.</i>		
DE CGP	§9.1.02.2	Standard Conditions	
	§9.1.02.2.C	Proper Procedures.	
		Any person subject to this Subsection shall at all times properly operate and maintain all facilities, systems and practices of pollution control which are installed, or implemented to achieve compliance with the requirements of this Subsection and with the measures of the SWPPP.	
§9.1.02.4	Monitoring	Rain event inspections and weekly ES2M Inspection Rating Report.	
DSSR	1.11	Minimum Standards	
	6.1.2	Install & Maintain according to the SWPPP	
DE-ESC	3.6	Site Waste Management & Spill Prevention	(3.4.7) Stabilized Construction Entrance
SPEC	903	Pollution Prevention Practices	908.02.E Stabilized Construction Entrance
DETAIL	E-1	Concrete Washout Facility	903.03.D
Del. Code	Title 7 Chapter 40		Sediment and Stormwater
	Title 7 Chapter 60		Environmental Control

Pollution Prevention Guidance for Roadway Projects

BACKGROUND INFORMATION & DEFINITIONS.

Definitions per 7 Del. C. 1953, §6001 & Section 1300 Waste Management Administration; 59 Del. Laws, c. 212 §1.

"Bulky Waste" means items whose large size or weight precludes or complicates their handling by normal collection, processing, or disposal methods.

"Clean Fill" means a non-water-soluble, non-decomposable, environmentally inert solid such as rock, soil, gravel, concrete, broken glass, and/or clay or ceramic products.

"Compost" means a product of composting that has been stabilized to a humus-like product, is free of pathogens at an infectious level and of viable plant seeds, that does not attract insects or vectors, can be handled and stored without nuisance, and is beneficial to the growth of plants.

"Composting" means the biological decomposition and stabilization of organic material, under conditions that allow development of thermophilic temperatures as a result of biologically produced heat, to produce a final product that is stable, free of pathogens and viable plant seeds, and can be beneficially applied to the land.

"Dry Waste" (formerly called "Inert Solid Waste") means wastes including, but not limited to, plastics, rubber, lumber, trees, stumps, vegetative matter, asphalt pavement, asphaltic products incidental to construction/ demolition debris, or other materials which have reduced potential for environmental degradation and leachate production.

"Facility" means all contiguous land, and structures, other appurtenances, and improvements on the land, used in resource recovery and/or the treatment, handling, composting, storage, or disposal of solid waste. A facility may consist of several operational units (e.g., one or more landfills, cells, incinerators, compactors, or combinations thereof).

"Setback" means the area between the actual disposal area and the property line which can be used for construction of environmental control systems such as runoff diversion ditches, monitoring wells, or scales.

"Site" means the area of land or water within the property boundaries of a facility where one or more solid waste treatment, resource recovery, recycling, storage or disposal areas are located.

"Solid Waste" means any garbage, refuse, rubbish, sludge from a waste treatment plant, water supply treatment plant or air pollution control facility and other discarded material, including solid, liquid, semisolid or contained gaseous material resulting from industrial, commercial, mining and agricultural operations, and from community activities, but does not include solid or dissolved material in domestic sewage, or solid or dissolved material in irrigation return flows or industrial discharges which are point sources subject to permits under 7 Del. C. Ch. 60, as amended, or source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended.

"Transfer Station" means any facility where quantities of solid waste delivered by vehicle are consolidated or aggregated for subsequent transfer by vehicle for processing, recycling, or disposal.

The following are the State and Federal regulations and requirements for waste management under the NPDES Construction General Permit.

GUIDANCE FOR DELDOT CONSTRUCTION & DEMOLITION WASTE

Application of the Guidance

Scope

- Distinguish between hazardous and non-hazardous construction waste; and
- Address stockpiling and removal of construction and demolition waste generated on road and bridge projects; and
- Proper method of containment per the Federal & Delaware CGP (NPDES Permit)
- Requirements for

Key Objectives:

- Prevent or minimize risk to the environment and/or human health; and
- Use recycling and reuse whenever possible on the project of non-hazardous waste materials.

Waste Type

- **Hazardous Waste** is defined by DNREC as a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating irreversible, illness, or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed. Without limitation, included within this definition are those hazardous wastes described in Sections 261.31, 261.32, and 261.33 of the Delaware Regulations Governing Hazardous Waste. Some examples are listed below.
 - Pesticides
 - Fuels and Fluids (i.e. diesel, hydraulic fluid, antifreeze, etc.)
 - Concrete Washout
 - Paint, Solvents, PCBs
- **Non-Hazardous Waste** is defined by the EPA as solid waste, any garbage or refuse, sludge from wastewater treatment plant, water supply treatment plant, or air pollution control facility and other discarded material, including solid, liquid, semi-solid, or contained gaseous material resulting from industrial, commercial, mining, agricultural operations, and from community activities. For our purposes this is Construction and Demolition Debris and Domestic Solid Waste which includes but is not limited to the following:
 - Concrete
 - Wood (timber framing)
 - Asphalt
 - Metals
 - Brick
 - Glass
 - Plastic
 - Trees, stumps, earth, and rock from clearing sites

Best Use Determination (BUD) for Asphalt Millings and Bituminous Concrete (current expires 5/10/2018). This pertains only to materials for use on the project and not general stockpiling of Construction Waste.

Sources of Construction & Domestic Waste and will be collected and stored in a sufficiently sized receptacle. On work days, clean up and dispose of waste in designated containers as per 903.03.A and the NPDES Permit.

Woody trees and shrubs, excess vegetation, and/or mulch from clearing and grubbing operations are considered a source of nutrients and possible public hazards (i.e. spontaneous combustion). Wastes will be placed in an acceptable receptacle for removal on as per 903.03.A or relocated to a Waste Management Area designated by the Area Engineer for removal at a later date not to exceed 20 days from time of placement.

Waste Management of Roadway Construction Debris (i.e. demolished concrete and asphalt):

Area Engineer:

Will designate and approve the site location for Waste Management for the purpose of stockpiling of demolished concrete and asphalt roadway for removal, demolished pipe, and/or excess woody trees and shrubs, excess vegetation and/or mulch; the following will be considered:

- Environmental Requirements (hydrology, Erosion and Sediment Control, footprint, values, etc.); and
- Community Surroundings (visibility, dust and particulate matter, noise, etc.) and any setback requirements; and
- Timeframe for use as a Waste Management Area in accordance with any State, Local and/or Federal Laws and Regulations governing non-hazardous solid waste.

Contractor:

Will submit for approval to the Area Engineer an Erosion and Sediment Control Plan and M.O.T. Plan required for the proposed Waste Management Area and Temporary Soil Stockpiles:

- Waste Management Area with the following minimum requirements:
 - Clearly mark the location, and provide a controlled point of egress and ingress to the facility; and
 - Provide a compacted or impervious surface for placement; and
 - Capture and treat any Stormwater Runoff as required by regulation; and
 - Provide a proposed schedule for regular removal of stockpiles not to exceed 20 working days and/or as needed as per 903.03.A until complete; and
 - No other Construction Waste or Staging of equipment and supplies will be permitted within this area; and
- Temporarily stockpiled soils that are located within the operational ROW on an active construction site:
 - Temporary Stockpiled soils require perimeter controls in place prior to beginning placement; and
 - Incremental temporary stabilization is required, maintaining 3:1 side slopes at 10' vertical height increments; and
 - Do not have a height requirement; and
 - Prior to the project completion all temporary soil stockpiles are required to be removed or in the case they remain for a future use, are to be reduced to 20 vertical feet and/or local restrictions with 3:1 side slopes and permanently stabilized.

CGP GUIDANCE & ES2M INSPECTION

903.A	WASTE COLLECTION		
903.03.A.1	WASTE COLLECTION	a.	Designate & clearly mark within the LOC for receptacle of sufficient size to handle the generated construction & domestic waste with an available cover. Collect & store all waste in receptacles.
		b.	Locate away from inlets that do not drain to a water body.
		c.	Empty every 20 c.d. or more as necessary. Waste is not to exceed capacity. Monitor daily.
		d.	Dispose of in accordance with Delaware Law.
			Compliance with the SWPPP or minimum requirement in accordance with Federal, State, Tribal or Local requirement.
			7 c.d. for most items except where noted in the Federal CGP for IMMEDIATE action.
			For our purposes: Waste materials not producing a stormwater contaminant or are designed to be exposed to stormwater require no cover however, they do need to be contained within a receptacle of sufficient size with no overflow.
	2.3	Pollution Prevention Requirements	
FED CGP	5.1	Corrective Action Defined	
	5.2	Requirements for Taking Action	
DE CGP	§9.1.02.2	Standard Conditions	
DSSR	1.11	Minimum Standards	
	6.1.2	Install & Maintain according to the SWPPP	
DE-ESC	3.6	Site Waste Management and Spill Prevention	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

903.A	WASTE COLLECTION		
903.03.A.2	<i>SANITARY FACILITIES</i>	a.	Provide proper facilities within LOC; secure to prevent tipping & knock over.
		b.	Inspect & monitor regularly, repair and/or replace immediately.
		c.	Locate minimum of 50 feet from stormwater inlets and/or waterways.
			Compliance with the SWPPP or minimum requirement in accordance with Federal, State, Tribal or Local requirement.
			7 c.d. action item
FED CGP	2.3	Pollution Prevention Requirements	
	5.1	Corrective Action Defined	
	5.2	Requirements for Taking Action	
DE CGP	§9.1.02.2	Standard Conditions	
DSSR	1.11	Minimum Standards	
	6.1.2	Install & Maintain according to the SWPPP	
DE-ESC	3.6	Site Waste Management and Spill Prevention	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

903.B	EQUIPMENT & VEHICLE FUELING AND/OR MAINTENANCE PRACTICES	
903.03.B	1.	Designate & clearly mark areas.
	2.	Spill kit must be available at the fueling operation.
	3.	Drip pans, drip pads, absorbent are to be utilized when fueling, replacing fluids or making repairs.
	4.	Collect spent fluids, store in labeled containers in secured storage areas; recycle whenever possible.
FED CGP	2.3 Pollution Prevention Requirements	
	2.3.3 Pollution Prevention Standards	
	2.3.3.1 a-f	Fueling and Maintenance of Equipment or Vehicles
	2.3.3.3. c	Storage, Handling & Disposal of Construction Products, Materials, and Wastes – Petroleum Products
	2.3.4 Emergency Spill Notification	Reportable quantity is 25 gallons or more; Contact Melody Peters, DelDOT HazMat Manager. Office: 302.760.2463; Cell: 302.632.1372. Ms. Peters will make required contacts to outside agencies as needed.
	5.1 Corrective Action Defined	
	5.2 Requirements for Taking Action	
DE CGP	§9.1.02.2 Standard Conditions	
DSSR	1.11 Minimum Standards	
	6.1.2 Install & Maintain according to the SWPPP	
DE-ESC	3.6.1 Site Waste Management and Spill Prevention	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

903.C	DEWATERING EQUIPMENT	
903.03.C	1.	Secondary Containment when located within waters of U. S.
	2.	Removal of equipment at the end of each work day from waters of the U. S.
FED CGP	2.3 Pollution Prevention Requirements	
	2.3.1 Prohibited Discharges	
	2.3.2 General Maintenance Requirements	
	2.3.3 Pollution Prevention Standards	
	2.3.3.1.a	SPCC requirements if necessary.
	2.3.3.3.c.ii	Secondary containment of diesel fuel, oil, hydraulic fluids, or other petroleum products, and other chemicals.
	2.3.4 Emergency Spill Notification	Reportable quantity is 25 gallons or more; Contact Melody Peters, DelDOT HazMat Manager. Office: 302.760.2463; Cell: 302.632.1372. Ms. Peters will make required contacts to outside agencies as needed.
	5.1 Corrective Action Defined	
	5.2 Requirements for Taking Action	
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.6.1	Site Waste Management and Spill Prevention
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

903.D	DESIGNATE WASHOUT AREAS	
903.03.D E-1	1.	Collect concrete washout in a temporary device for hardening & proper disposal; Clearly mark designated facilities.
	2.	Clearly mark designated Paint and Stucco facilities; requires pre-approval by Engineer (Should be similar to Concrete signage with an applicable device).
	3.	Locate minimum of 50 feet from stormwater conveyance and water body
	4.	Regularly inspect and maintain areas
FED CGP	2.3 Pollution Prevention Requirements	
	2.3.1 Prohibited Discharges (2.3.1.1 & 2.3.1.2)	
	2.3.2 General Maintenance Requirements	
	2.3.3 Pollution Prevention Standards	
	2.3.3.3	Storage, Handling & Disposal of Construction Products, Materials, and Wastes – Petroleum Products (Concrete washout, paint, stucco and other solvents are considered Hazardous/Toxic Wastes.)
	2.3.3.4	Washing of Applicators and Containers used for Paint, Concrete, or Other Materials.
	5.1 Corrective Action Defined	
	5.2 Requirements for Taking Action	
DE CGP	§9.1.02.2 Standard Conditions	
DSSR	1.11 Minimum Standards	
	6.1.2 Install & Maintain according to the SWPPP	
DE-ESC	3.6.1 Site Waste Management and Spill Prevention	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

903.E	STORAGE FACILITIES AND STAGING AREAS	
903.03.E	1.	Storage of all potential pollutants (e.g. paint, solvents, fuel oils, and other hazardous materials.)
	2.	Fuel tanks above 250 gallon require secondary containment.
	3.	Designate staging area for activities such as fueling, mixing paints, etc.
	4.	Inspect and maintain.
FED CGP	2.3 Pollution Prevention Requirements	
	2.3.1 Prohibited Discharges	
	2.3.2 General Maintenance Requirements	
	2.3.3 Pollution Prevention Standards	
	2.3.3.3	Storage, Handling & Disposal of Construction Products, Materials, and Wastes – Petroleum Products (Concrete washout, paint, stucco and other solvents are considered Hazardous/Toxic Wastes.)
	2.3.4 Emergency Spill Notification	Reportable quantity is 25 gallons or more; Contact Melody Peters, DelDOT HazMat Manager. Office: 302.760.2463; Cell: 302.632.1372. Ms. Peters will make required contacts to outside agencies as needed.
	5.1 Corrective Action Defined	
	5.2 Requirements for Taking Action	
DE CGP	§9.1.02.2 Standard Conditions	
DSSR	1.11 Minimum Standards	
	6.1.2 Install & Maintain according to the SWPPP	
DE-ESC	3.6.2 Site Waste Management and Spill Prevention	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

903.F	EQUIPMENT AND/OR VEHICLE WASHING	
903.03.F	1.	Clearly mark (legible & visible to operators)
	2.	Wash in designated areas only
	3.	Locate a minimum of 50 feet from a stormwater conveyance and/or water body
	4.	No detergent use without capture
	5.	Wash water discharge to a sanitary sewer
FED CGP	2.3 Pollution Prevention Requirements	
	2.3.1 Prohibited Discharges	
	2.3.2 General Maintenance Requirements	
	2.3.3 Pollution Prevention Standards	
	2.3.3.2	Washing of Equipment and Vehicles
	2.3.3.3	Storage, Handling & Disposal of Construction Products, Materials, and Wastes – Petroleum Products (Concrete washout, paint, stucco and other solvents are considered Hazardous/Toxic Wastes.)
	2.3.4 Emergency Spill Notification	Reportable quantity is 25 gallons or more; Contact Melody Peters, DelDOT HazMat Manager. Office: 302.760.2463; Cell: 302.632.1372. Ms. Peters will make required contacts to outside agencies as needed.
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Action
DE CGP	§9.1.02.2 Standard Conditions	
DSSR	1.11 Minimum Standards	
	6.1.2 Install & Maintain according to the SWPPP	
DE-ESC	3.6.1 Site Waste Management and Spill Prevention	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

A prohibited discharge is an IMMEDIATE ACTION ITEM. Work must be initiated upon discovery of the problem per Part 2.3.2 of the Federal CGP. Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

905	SEDIMENT TRAPPING PRACTICES		
ES2M	To trap sediment before it leaves the job site using SF, STs, or basins, a type of inlet protection or flocculation and/or other approved sediment trapping best management devices.		
	2 & 3	Construction & Maintenance	
FED CGP	2.1	Erosion & Sediment Control Requirements	
	2.1.1	General Requirements Applicable to All Sites – minimize soil exposure	
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications	
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)	
	2.1.2	Erosion & Sediment Control Requirements Applicable to All Sites	Any stockpiles or land clearing debris composed in whole or part, of sediment or soil, you must comply with the requirements herein.
	2.1.2.4	Control Discharges from Stockpiled Sediment or Soil	
	5.1	Corrective Action Defined	
	5.2	Requirements for Taking Action	
DE CGP	§9.1.02.2	Standard Conditions	
DSSR	1.11	Minimum Standards	
	6.1.2	Install & Maintain according to the SWPPP	
DE-ESC	3.1	Sediment Trapping Practices	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

CGP GUIDANCE & ES2M INSPECTION

905	SEDIMENT TRAPPING PRACTICES	
905.02.A E-2	SF or RSF	Alternate installation for Wooded Uplands and Wetlands
ES2M	905.03.A Construction & Maintenance	
FED CGP	2.1 Erosion & Sediment Control Requirements	
	2.1.1 General Requirements Applicable to All Sites	
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.2.b	Maintenance Requirements (accumulated sediment 50% above ground height)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1 Corrective Action Defined	
	5.2 Requirements for Taking Action	
DE CGP	§9.1.02.2 Standard Conditions	
DSSR	1.11 Minimum Standards	
	6.1.2 Install & Maintain according to the SWPPP	
DE-ESC	3.1.2 Sediment Trapping Practices (Silt Fence)	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

905	SEDIMENT TRAPPING PRACTICES		
905.02.B E-3	SEDIMENT TRAP		As specified in the SWPPP
ES2M	905.03.B E-3	Construction & Maintenance	
		Inspect ST thoroughly at each inspection and following a rain event. Use the designated ST number to identify.	
FED CGP	2.1 Erosion & Sediment Control Requirements		
	2.1.1 General Requirements Applicable to All Sites		
		2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
		2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
		2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
		5.1 Corrective Action Defined	
	5.2 Requirements for Taking Action		
DE CGP	§9.1.02.2 Standard Conditions		
DSSR	1.11 Minimum Standards		
	6.1.2 Install & Maintain according to the SWPPP		
DE-ESC	3.1.3 Sediment Trapping Practices (Sediment Trap)		
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

905	SEDIMENT TRAPPING PRACTICES		
905.02.C E-4	INLET PROTECTION	As specified in the SWPPP	
ES2M	905.03.C E-4 Inlet Protection E-5 Culvert Inlet	Construction & Maintenance	
		Inspect inlet protection controls each inspection. Use the designated DI assigned number to identify.	
FED CGP	2.1	Erosion & Sediment Control Requirements	
	2.1.1	General Requirements Applicable to All Sites	
		2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
		2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
		2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined	
	5.2	Requirements for Taking Corrective Action	
DE CGP	§9.1.02.2	Standard Conditions	
DSSR	1.11	Minimum Standards	
	6.1.2	Install & Maintain according to the SWPPP	
DE-ESC	3.1.5	Sediment Trapping Practices (Storm Drain Inlet Protection)	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	

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Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

905	SEDIMENT TRAPPING PRACTICES	
SWPPP	RIPRAP OUTLET, SEDIMENT TRAP	As specified in the SWPPP
ES2M	Refer to SWPPP For Detail	Construction & Maintenance
		Construct & install in accordance with the approved SWPPP.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.1.3	Sediment Trapping Practices (Sediment Trap)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

906	DEWATERING PRACTICES	
ES2M	Trap and filter all water produced by dewatering activities. Pump all water produced by dewatering activities to a suitable discharge area. Trap and retain sediment prior to discharge to drainage ways, adjoining properties, and ROWs below the Project site.	
	2 & 3	Construction & Maintenance
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites – minimize soil exposure
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	2.1.2	Erosion & Sediment Control Requirements Applicable to All Sites (Any stockpiles or land clearing debris composed in whole or part, of sediment or soil, you must comply with the requirements herein.)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.2	Dewatering Practices
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

CGP GUIDANCE & ES2M INSPECTION

906	DEWATERING PRACTICES	
906.02.A E-6	PORTABLE SEDIMENT TANK	As specified in the SWPPP
ES2M	906.03.A E-6 PST	Construction & Maintenance
		Any changes to the size and shape must be pre-approved by the SW Engineer prior to use in the field.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.2.1	Dewatering Practices (Portable Dewatering Practices)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control (7 Del C. 60, §6003(a)(3))

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

906	DEWATERING PRACTICES	
906.02.B E-6	DEWATERING BAG	As specified in the SWPPP
ES2M	906.03.B E-6 PST	Construction & Maintenance
		Submission of manufacturer guidelines for use and installation required prior to use in the field. All other requirements of 906.03.B.1 & 2 apply.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.2.1	Dewatering Practices (Portable Dewatering Practices)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control (7 Del C. 60, §6003(a)(3))

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

906	DEWATERING PRACTICES	
906.02.C E-7	SUMP PIT	As specified in the SWPPP
ES2M	906.03.C E-7 Sump Pit	Construction & Maintenance
		Any changes to the size and shape must be pre-approved by the SW Engineer prior to use in the field.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.2.2	Dewatering Practices (Pumping Pit)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control (7 Del C. 60, §6003(a)(3))

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

906	DEWATERING PRACTICES	
906.02.D E-7	SKIMMER DEWATERING DEVICE	As specified in the SWPPP
ES2M	906.03.D E-8 Skimmer	Construction & Maintenance
		Any changes to the size and shape must be pre-approved by the SW Engineer prior to use in the field.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.2.3	Dewatering Practices (Dewatering Device)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control (7 Del C. 60, §6003(a)(3))

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Failure to install the skimmer as per the sequence of construction in BMP facility can easily shift to non-compliance with the SWPPP however, 7 calendar days for completion is the deadline and time after will include non-compliance with the SWPPP (Section 1.1 & 1.1.3).

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

906	DEWATERING PRACTICES	
906.02.E	WELL POINT SYSTEM	As specified in the SWPPP
ES2M	906.03.E	Construction & Maintenance
		Construction is dependent on the approved design submitted and approved by DNREC. A permit must accompany any well-point system in place prior to excavation. Review for compliance with this point. This operation is continuous until completion of the required work.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	N/A	
Del. Code	Title 7 Chapter 60	Environmental Control (7 Del C. 60, §6003(a)(3))

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

907	WATER CONTROL PRACTICES	
ES2M	Provide best management practices to prevent existing flow or runoff from entering disturbed areas by diverting to a stabilized outlet or to redirect sediment laden water to a Sediment Trap.	
	2 & 3	Construction & Maintenance
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites – minimize soil exposure
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	2.1.2	Erosion & Sediment Control Requirements Applicable to All Sites (Any stockpiles or land clearing debris composed in whole or part, of sediment or soil, you must comply with the requirements herein.)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.3	Water Control Practices
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

907	WATER CONTROL PRACTICES	
907.02.A E-9	STONE CHECK DAM	As specified in the SWPPP
ES2M	907.03.A E-9 SCD	Construction & Maintenance
		Alternate devices to be approved prior to use in the field (CFL) by SW Engineer.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.3.6	Water Control Practices (Check Dam)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

907	WATER CONTROL PRACTICES	
907.02.B E-10	TEMPORARY SLOPE DRAIN	As specified in the SWPPP
ES2M	907.03.A E-10 TSD	Construction & Maintenance
		Install in locations as per the SWPPP and/or as directed by the Engineer.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.3.8	Water Control Practices (Pipe Slope Drain)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

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Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

907	WATER CONTROL PRACTICES	
E-20	RIPRAP ENERGY DISSIPATOR	As specified in the SWPPP
E-21	STONE OUTLET PROTECTION	As specified in the SWPPP
ES2M	E-20 TSD	Construction & Maintenance
		Install in locations as per the SWPPP and/or as directed by the Engineer.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.2.a	Install Perimeter Controls (prior to earth-disturbing activities except for installation)
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.3.10	Water Control Practices (Riprap Outlet Protection)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

CGP GUIDANCE & ES2M INSPECTION

908	SOIL STABILIZATION PRACTICES	
4.0	Provide an acceptable, uniform stand of established perennial turf grasses, including topsoil, topsoiling, and mulching, on all areas to be treated as shown on the plans or where designated by the Engineer.	
ES2M	2 & 3	Construction & Maintenance
		Construct and Maintain per the specification and in accordance with the SWPPP. No 7 calendar day grace period for point deduction in Section 4 for failure to provide stabilization and requirements unless infeasible; if infeasible a documented schedule for initiation and completion as soon as practicable thereafter, must be provided prior to leaving the site. Initiation is to begin as soon as activity ceases and completion according to the required stabilization timeframe.
FED CGP	2.1 Erosion & Sediment Control Requirements	
	2.1.1 General Requirements Applicable to All Sites – minimize soil exposure	
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	2.1.2	Erosion & Sediment Control Requirements Applicable to All Sites (Any stockpiles or land clearing debris composed in whole or part, of sediment or soil, you must comply with the requirements herein.)
	2.1.2.6	Minimize the Disturbance of Steep Slopes Employ best management practices to minimize i.e. tracking, benching, incremental stabilization, etc. > 4:1 slope disturbance without providing appropriate measures, i.e. incremental stabilization and a number of E & S control practices such as phasing disturbance, and stabilization practices used on steep slopes (i.e. vertical tracking, benching)) and timely stabilization.
	2.1.2.7	Preserve Topsoil (Required to preserve the native topsoil whenever possible.)
	2.1.2.8	Minimize Soil Compaction (Restrict use of areas designed to receive permanent vegetative stabilization.)
	2.2 Stabilization Requirements	
	2.2.1.1	Deadlines for Initiating & Completing Stabilization Must initiate soil stabilization measures IMMEDIATELY whenever earth-disturbing activities permanently or temporarily cease on any portion of the site. Areas that include permanent structures are exempt (i.e. roadway, sidewalk) 14 days for temporarily ceasing work in areas cleared and grubbed that will not include permanent structures will not resume for a period of 14 days or more but will resume later. Must initiate temporary stabilization IMMEDIATELY when or if work stoppage occurs due to unanticipated issues or weather conditions render the site unworkable with reasonable certainty that work will be stopped for 14 days or more. At that point you must comply with 2.2.1.1 and 2.2.1.2 Initiation constitutes:
	1.	Prepping soil for vegetative or non-vegetative stabilization
	2.	Mulch application or other non-vegetative product (must sufficiently cover soil surface or soil stabilizers be pre-approved prior to use by the SW Engineer)

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		3.	Seeding or planting exposed soil areas
		4.	Starting any of #1 – 3 (soil conditioning, seed application, fertilizer application, etc.)
		5.	Finalizing arrangements to have stabilization product fully installed in compliance with applicable deadline in Parts 2.2.1.2 & 2.2.1.3
FED CGP	2.2.1.2	Deadline for Complete Stabilization Activities	
		As soon as practicable, no later than 14 calendar days after initiation consistent with Part 2.2.1.1 you are required to be complete. (A sooner completion date may be determined if inspections show a level of sediment discharge warranting quicker schedule for completion.)	
	2.2.1.3.b	Exceptions for Deadlines for Initiating & Completing Stabilization	
		For circumstances (seed supply or availability of specialized equipment) beyond the Contractor’s control that delay initiation and/or completion of vegetative stabilization required in Parts 2.2.1.1 & 2.2.1.2 you must comply with the following:	
		i.	IMMEDIATELY initiate, and within 14 calendar days complete, installation of temporary non-vegetative stabilization measure (approval from SW Engineer required);
		ii.	Complete all soil conditioning, seeding, watering or irrigation installation, mulching, and other activities as soon as conditions allow; and
		iii.	Document circumstances that prevent you from meeting required deadlines in Parts 2.2.1.1 and/or 2.2.1.2 and the schedule you will follow to initiate & complete stabilization.
	2.2.1.3.c	Deadlines for sites discharging to sensitive waters	
		Any portion of your site discharging to sediment and/or nutrient impaired water or to water identified by your state, tribe, or EPA for ant degradation purposes, you are required to complete the stabilization activities specified in Parts 2.2.1.2.a and/or 2.2.1.2.b within 7 calendar days after temporary or permanent cessation of earth-disturbing activities.	
	5.1	Corrective Action Defined	
	5.2	Requirements for Taking Corrective Action	
DE CGP	§9.1.02.2	Standard Conditions	
DSSR	1.11	Minimum Standards	
	4.0	Performance Criteria	
	6.1.2	Install & Maintain according to the SWPPP	
DE-ESC	3.3	Water Control Practices	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater	
	Title 7 Chapter 60	Environmental Control	
	Title 3 Chapter 24	Noxious Weed Control	
	Title 3 Chapter 27	Nuisance Plants	

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP. **Section 4 deductions are at the time of occurrence. No grace period.**

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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908	SOIL STABILIZATION PRACTICES	
908.02.A	TOPSOIL	As specified in the SWPPP
908.02.B	TOPSOILING	As specified in the SWPPP
ES2M	908.03.A 908.03.B	Construction & Maintenance
		Construct and Maintain per the specification and in accordance with the SWPPP. No 7 calendar day grace period for point deduction in Section 4 for failure to provide stabilization and requirements unless infeasible; if infeasible a documented schedule for initiation and completion as soon as practicable thereafter, must be provided prior to leaving the site. Initiation is to begin as soon as activity ceases and completion according to the required stabilization timeframe.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.2.7	Preserve Topsoil
	2.1.2.8	Minimize Soil Compaction (Restrict use of areas designed to receive permanent vegetative stabilization.)
	2.2	Stabilization Requirements
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	4.4 & 4.5	Performance Criteria - Stabilization
DE-ESC	3.4.1	Soil Stabilization Practices (Topsoil)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control
	Title 3 Chapter 24	Noxious Weed Control
	Title 3 Chapter 27	Nuisance Plants

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP. **Section 4 deductions are at the time of occurrence. No grace period.**

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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908	SOIL STABILIZATION PRACTICES	
908.02.C	SEEDING	As specified in the SWPPP
ES2M	908.03.C	SEE THE APPLICABLE TABLE
		<p>Construction & Maintenance</p> <p>Construct and Maintain per the specification and in accordance with the SWPPP. No 7 calendar day grace period for point deduction in Section 4 for failure to provide stabilization and requirements unless infeasible; if infeasible a documented schedule for initiation and completion as soon as practicable thereafter, must be provided prior to leaving the site.</p> <p>Initiation is to begin as soon as activity ceases and completion according to the required stabilization timeframe.</p>
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.2.8	Minimize Soil Compaction (Restrict use of areas designed to receive permanent vegetative stabilization.)
	2.2	Stabilization Requirements
	2.2.2.1.a	Criteria for Stabilization – Vegetative Stabilization
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	4.4 & 4.5	Performance Criteria - Stabilization
DE-ESC	3.4.3 & 3.4.5	Soil Stabilization Practices (Vegetative Stabilization & Mulching)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP. **Section 4 deductions are at the time of occurrence. No grace period.**

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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908	SOIL STABILIZATION PRACTICES	
908.02.D	MULCHING	As specified in the SWPPP
ES2M	908.03.D E-12 E-13	Construction & Maintenance
		Construct and Maintain per the specification and in accordance with the SWPPP. No 7 calendar day grace period for point deduction in Section 4 for failure to provide stabilization and requirements unless infeasible; if infeasible a documented schedule for initiation and completion as soon as practicable thereafter, must be provided prior to leaving the site. Initiation is to begin as soon as activity ceases and completion according to the required stabilization timeframe.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.2.8	Minimize Soil Compaction (Restrict use of areas designed to receive permanent vegetative stabilization.)
	2.2	Stabilization Requirements
	2.2.2.1.a	Criteria for Stabilization – Vegetative Stabilization
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	4.4 & 4.5	Performance Criteria - Stabilization
DE-ESC	3.4.3 & 3.4.5	Soil Stabilization Practices (Vegetative Stabilization & Mulching)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP. **Section 4 deductions are at the time of occurrence. No grace period.**

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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908	SOIL STABILIZATION PRACTICES	
908.02.E	STABILIZED CONSTRUCTION ENTRANCE	As specified in the SWPPP
ES2M	908.03.E E-14	Construction & Maintenance
		Construct and Maintain per the specification and in accordance with the SWPPP. No 7 calendar day grace period for point deduction in Section 4 for failure to provide stabilization and requirements unless infeasible; if infeasible a documented schedule for initiation and completion as soon as practicable thereafter, must be provided prior to leaving the site. Initiation is to begin as soon as activity ceases and completion according to the required stabilization timeframe.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.4.a	Sediment Removal <ul style="list-style-type: none"> Removal of sediment cannot be swept, shoveled or vacuum surfaces to an area that does not drain to an effective control measure (ST, IP, or similar control). Sediment staining of a paved surface is not a deficiency.
	2.1.2.3	Tracking of Sediment Prohibited <ul style="list-style-type: none"> Contractor is responsible for using approved locations to egress and ingress off of paved areas: off-site streets, sidewalks, shoulder lanes and other paved areas.
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	4.4	Performance Criteria - Stabilization
DE-ESC	3.4.7	Soil Stabilization Practices (Stabilized Construction Entrance)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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908	SOIL STABILIZATION PRACTICES	
ES2M	DUST CONTROL	As specified in the SWPPP
		Construction & Maintenance
		Construct and Maintain per the specification and in accordance with the SWPPP. An IMMEDIATE response is required for this deficiency. If infeasible, provide documentation of schedule for initiation and completion as soon as practicable thereafter, must be provided prior to leaving the site. Initiation is to begin as soon as deficiency is discovered.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.2.5	Minimize Dust
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
DE-ESC	3.4.8	Soil Stabilization Practices (Dust Control)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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909	WATERWAY CONSTRUCTION PRACTICES	
909	Construct, maintain, and remove temporary waterway diversions in order to allow work in existing waterway channels by redirecting the water flow of the existing channel around or through the intended work area.	
ES2M	2 & 3	Construction & Maintenance
		Provide material for waterway construction practices as specified.
		Construct and Maintain per the specification. Observe the enclosure of the work area as part of the perimeter controls for that phase of work as found in Section 1. If the body of water is on the 303(d) list then all action for discharge is IMMEDIATE. Seven (7) calendar day action item for bodies of water not listed.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites – minimize soil exposure
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.5	Waterway Construction Practices
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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909	WATERWAY CONSTRUCTION PRACTICES	
909.02.A	SANDBAG DIKE/DIVERSION	As specified in the SWPPP
ES2M	909.03.A & B E-15 Sandbag Dike E-16 Sandbag Diversion	Construction & Maintenance
		<p>Provide material for waterway construction practices as specified.</p> <p>Construct and Maintain per the specification. Observe the enclosure of the work area as part of the perimeter controls for that phase of work as found in Section 1. As perimeter control for the project and stipulations of 902 & MOA, all action is initiate IMMEDIATELY upon discovery. Work must be initiated and completed by end of the work day if feasible; if infeasible (i.e. extreme weather event) then provide documentation the schedule for completion of the work as soon as practicable.</p> <p>Construct and Maintain per the specification and standard construction details in accordance with SWPPP.</p>
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	4.1	Site Inspections
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.5.2	Waterway Construction Practices (Temporary Cofferdam Diversion)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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909	WATERWAY CONSTRUCTION PRACTICES	
909.02.B	GEOTEXTILE LINED CHANNEL DIVERSION	As specified in the SWPPP
ES2M	909.03.A & C E-17	Construction & Maintenance
		Provide material for waterway construction practices as specified.
		Construct and Maintain and remove geotextile lined channel diversion as per the SWPPP and Detail. All deadlines are IMMEDIATE, the inspector is required to inspect at the end of each work day if feasible; if infeasible (i.e. extreme weather event) provide required documentation of scheduled work when practicable.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	4.1	Site Inspections
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.5.2.3	Waterway Construction Practices (Stream Diversion Channel)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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909	WATERWAY CONSTRUCTION PRACTICES	
909.02.C	TURBIDITY CURTAIN	As specified in the SWPPP
ES2M	909.03.D E-18	Construction & Maintenance
		<p>Provide material for waterway construction practices as specified.</p> <p>Floating (Manufacturer’s drawings & technical information submitted to the Engineer for approval prior to use & installation.</p> <p>Construct and Maintain per the specification and standard construction details in accordance with SWPPP. All deadlines are IMMEDIATE, the inspector is required to inspect at the end of each work day if feasible; if infeasible (i.e. extreme weather event) provide required documentation of scheduled work when practicable.</p>
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	4.1	Site Inspections
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.5.3	Waterway Construction Practices (Turbidity Curtain)
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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909	WATERWAY CONSTRUCTION PRACTICES	
909.02.D	STREAM DIVERSION	As specified in the SWPPP
ES2M	909.03.E SWPPP 909005	Construction & Maintenance
		Provide material for waterway construction practices as specified. Construct and Maintain per the specification and standard construction details in accordance with SWPPP. All deadlines are IMMEDIATE, the inspector is required to inspect at the end of each work day if feasible; if infeasible (i.e. extreme weather event) provide required documentation of scheduled work when practicable.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	4.1	Site Inspections
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	3.5	Waterway Construction Practices
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.

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909	WATERWAY CONSTRUCTION PRACTICES	
909.02.E	STILLING WELL	As specified in the SWPPP
ES2M	909.03.F E-19 SWPPP 909005	Construction & Maintenance
		Provide material for waterway construction practices as specified. Construct and Maintain per the specification and standard construction details in accordance with SWPPP. All deadlines are IMMEDIATE, the inspector is required to inspect at the end of each work day if feasible; if infeasible (i.e. extreme weather event) provide required documentation of scheduled work when practicable.
FED CGP	2.1	Erosion & Sediment Control Requirements
	2.1.1	General Requirements Applicable to All Sites
	2.1.1.3	Installation Requirements – initial controls & good engineering practices & follow manufacturer’s specifications
	2.1.1.4	Maintenance Requirements – initiate IMMEDIATELY in accordance with Part 4.1 (Inspections)
	4.1	Site Inspections
	5.1	Corrective Action Defined
	5.2	Requirements for Taking Corrective Action
DE CGP	§9.1.02.2	Standard Conditions
DSSR	1.11	Minimum Standards
	6.1.2	Install & Maintain according to the SWPPP
DE-ESC	N/A	
Del. Code	Title 7 Chapter 40	Sediment and Stormwater
	Title 7 Chapter 60	Environmental Control

Except where IMMEDIATE action is required (sediment discharge to a sensitive area or impaired water) the contractor will be given 7 calendar days to complete the corrective action or as per the minimum requirement in the Standard Specification, FED CGP and/or DE CGP.

Inspector must document compliance with IMMEDIATE requirements, initiation of required work and if infeasible, documentation for scheduled work as soon as practicable.