

Erosion and Sediment Control Plans Narrative

Atlantic Sunrise Project Phase 2

West Diamond Regulator Station
Jackson & Sugarloaf Townships
Columbia County
Pennsylvania

Prepared For:



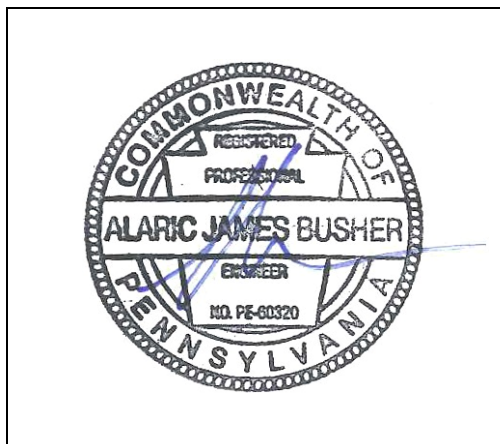
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BL Project No. 14C4909

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15. Rough grade Site.
16. Grade the regulator station pad as shown on the E&SC and PCSM/SR Plans (**Sections 2 and 3 of the ESCGP-2 NOI**).
17. Immediately stabilize side slopes with erosion control matting when slopes are 3:1 or greater. See PCSM/SR Plans and Detail Sheets, as provided in **Section 3 of the ESCGP-2 NOI**, (patterns differ by slope category). Install rip rap slope stabilization where shown on the PCSM/SR Plans.
18. Establish final grade.
19. Surface Stabilization, apply permanent stabilization measures immediately to any disturbed areas where work has reached final grade.
20. Construct remainder of stormwater management Basin 1 area. All earth moving associated with this work shall be completed prior to converting temporary riser to the permanent riser configuration. Any excess excavation material that will not be used onsite shall be hauled offsite.
21. Upon completion of all earthwork activities and permanent stabilization of all disturbed areas, the Owner and/or Operators shall contact the local CCD for an inspection prior to the removal/conversion of the E&SC BMPs.
22. * **Convert trap to permanent Basin 1 configuration by removing all accumulated sediments, removing baffles and installing underdrains and engineered soils on basin bottom. Immediately seed and stabilize basin, install erosion control blanket on basin slopes, and install CFS and landscape restoration on interior toe of slope. Haul off site any excess material not used and left over from the conversion of the basin.**
23. * **Reconfigure temporary riser to permanent outlet structure by permanently sealing the 1" orifices, clean out sump. Install emergency spillway and snout over outfall.**
24. * **Once construction for the regulator station and the pipeline is complete and the areas are stabilized, relocate rock construction entrance to apron of permanent access road, install permanent access road and associated BMPs (RCE, vegetated roadside swales with earthen check dams, amend soils,**

erosion control blanket, rain garden 2, culverts, water bars and riprap outlet protection). Any portion of waterbars associated with the pipeline construction that are impacted by the construction of the permanent access road should be removed.

25. Remove temporary access road. Restore temporary access road area to pre-development grades. De-compact, immediately seed and stabilize area disturbed during removal of access road.
26. ***Amend soils throughout remainder of site. Immediately seed and stabilize.**
27. After finish grading and topsoil placement is completed, disturbed areas shall be fertilized, seeded, and mulched. Seed mixtures, fertilizer and mulch applications rates and dates shall conform to the tables provided on the PCSM/SR Plans and Detail Sheets (**Section 3 of the ESCGP-2 NOI**), land owner agreements and/or the **ECP (Section 4 of the ESCGP-2 NOI)**.
28. After seeding, fertilizing and mulching is complete, install ECBs as required or ordered or on slopes of 3:1 or greater.
29. After the Site is permanently stabilized and upon PADEP or local CCD and Owner approval of stabilization and re-vegetation, remove temporary erosion and sediment control measures and stabilize areas disturbed by removal.
30. *** Complete Site stabilization, including soil amendment, seed application, ECB installation in basins, and mulching.**
31. Upon completion of all earth disturbance activities, the Owner and/or Operators shall contact the local CCD for a final inspection.
32. Maintain E&SC BMPs until site work is complete and uniform 70% perennial vegetative cover is established.
33. Remove and properly dispose/recycle E&SC BMPs. Remove orange construction fence. Repair and permanently stabilize areas disturbed during E&SC BMP removal upon establishment of uniform 70% vegetative cover.

*** Indicates a critical stage of PCSM installation to be observed by a licensed professional or designee. Contractor to provide three working days' notice to Design Engineer.**