

2574 Plant Road, Memphis, Tennessee 38109

January 23, 2024

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TENNESSEE VALLEY AUTHORITY (TVA) - ALLEN FOSSIL PLANT (ALF) - TENNESSEE NPDES INDIVIDUAL CONSTRUCTION STORMWATER PERMIT - TN0082228 - MONTHLY SUMMARY REPORT – December 2023

Please find below a summary of all required inspections and site assessments for Allen Fossil Plant, Permit TN0082228.

Monthly Site Assessment date: December 6, 2023

- No sediment was observed deposited outside the project construction limits or discharging to waters of the state. Therefore, no nonconformances were observed during the field assessment.

Site Conditions: The site had localized grading activity at several locations including:

West Ash Pond (WAP) North and West Dike excavation began in July 2023. West and North Dike removal, final grading, and vegetative cover is complete. New SWPPP Outfall No. 6 and No. 7 final construction continues after erosion rills were observed downstream of the grouted rip-rap. RSF BMP's will remain in place until SWPPP Outfall No. 6 and No. 7 construction is completed, and rills repaired. The areas where erosion rills were observed will be undercut, compacted, and replaced with geotextile fabric and rip-rap. Additional RSF is being installed as necessary to prevent loss of sediment. The BMP's will remain in place until SWPPP Outfall No. 6 and No. 7 construction is completed and rills repaired. The paved road along the WAP South Dike is no longer in use as a haul road. The construction exit was removed and stabilized and previously installed BMP's along the WAP South Dike crest have also been removed.

CCR excavation within the East Ash Pond (EAP) is ongoing. CCR removal continues to progress within the East Ash Pond. CCR excavation within the limits of the Stilling Pond is complete and post closure fill placement continues, as needed.

Construction Schedule: Active construction includes final stabilization within the WAP, CCR excavation and removal within the EAP, and maintenance of EPSC measures. The water treatment system is operational with treatment parameters set for the water chemistry identified for the EAP and is discharging through SWPPP Outfall No. 5.

EPSC Inspections: A total of 6 bi-weekly EPSC inspection reports were completed during the time since the last site assessment on November 15, 2023. There were corrective action items identified in the bi-weekly inspection reports relative to BMP installation at the EAP and WAP. The reports indicate repairs were made by inspection personnel and/or field staff as the damages were identified. Regular monitoring activities by field staff corrected any minor BMP measures maintenance and/or general housekeeping requirements as they were identified.

SWPPP Revisions: No changes were observed to the site's SWPPP documents during this assessment.

Please contact DeAnne Hardy at dahardy@tva.gov if you need further information.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Sincerely,



Angela S. Austin
Allen Fossil Site Manager