

**Power Plant Road Relocation Project
Homer City Generation LP
Black Lick and Center Townships
Indiana County, Pennsylvania**

**General Permit Registration
for
Minor Road Crossings (GP-7)
Temporary Road Crossings (GP-8)**

PROJECT DESCRIPTION

1.0 Project Description

Homer City Generation LP (Homer City) is proposing the Power Plant Road Relocation project, which consists of relocating approximately 4,600-LF of the existing Power Plant Road away from land planned for redevelopment. The project is in Black Lick and Center Townships, Indiana County, Pennsylvania. A Site Location Map is provided with this application.

The total project area and earth disturbance of proposed construction activity is anticipated to be approximately 22.3 acres and all earth disturbance will remain within the project limit-of-disturbance (LOD).

Michael Baker International (Michael Baker) prepared a Wetland Delineation and Stream Identification Report for the project site in which streams and wetlands around the project area have been identified and delineated. The project area includes UNTs to Two Lick Creek (CWF-Acid Mine Drainage Impaired). Two Lick Creek itself is TSF and also impaired for Acid Mine Drainage. No in-stream work is planned for Two Lick Creek.

Stream and wetland impacts as a result of proposed construction will be minimal and no significant impacts to other sensitive natural resources are anticipated.

Michael Baker International ran a PNDI search for the project which resulted in no known impacts. The project PNDI is provided with the permit application.

The General Permit Site Plan and Site Specific Drawings are provided with the permit application.

2.0 General Permit Registration

This General Permit Registration has been prepared for construction activities associated with the road relocation of Power Plant Road. The minor road crossing (GP-7) over PEM Wetland W-16 will allow for the construction of the relocated section of Power Plant Road. The temporary road crossing (GP-8) also over W-16 will allow for construction traffic access along LOD along with site restoration activities. All other proposed crossings, under Chapter 105.12.a2, are considered waived crossings. Temporary erosion and sedimentation pollution controls will be installed during earth disturbance as best management practice (BMP) measures to mitigate potential limitations that may be exhibited by the site soils. Below is a description of the proposed crossing locations.

Crossing #1 is one (1) minor road crossing (GP-7) of PEM Wetland W-16. The minor road crossing will be by a permanent access road with a typical width of 30'. The permanent wetland impact area is 369 ft².

Crossing #2 is one (1) temporary road crossing (GP-8) of PEM Wetland W-16. The temporary road crossing will be by temporary mats. The temporary GP-8 wetland impact area is 763 ft². W-16 shall be restored to preconstruction grades and seeded with wetland seed mix once restoration of the project is complete.

Crossing #3 is one (1) minor road crossing of Stream S-16. The minor road crossing will be by an 24" diameter RCP culvert and permanent access road with a typical width of 30'. The proposed culvert shall be recessed 6" into the stream bed. The permanent stream impact is 82'. S-16 is a 3.5' wide intermittent stream. Under Chapter 105.12.a2, this qualifies as a waived crossing.

Crossing #4 is one (1) temporary road crossing of Stream S-16. The temporary road crossing will be by temporary mats. The temporary stream impact is 69' (total length of temporary impacts within the LOD). S-16 is a 3.5' wide intermittent stream. Under Chapter 105.12.a2, this qualifies as a waived crossing.

Crossing #5 is one (1) temporary road crossing of Stream S-15. The temporary road crossing will be by temporary mats. The temporary stream impact is 45'. S-15 is a 3.5' wide ephemeral stream. Under Chapter 105.12.a2, this qualifies as a waived crossing.

A StreamStats report is being provided with this application confirming that the impacted stream locations have a drainage area of less than 100 acres qualifying them under Chapter 105.12.a2 as waived impacts. The StreamStats study area is at the point where Stream S-14 enters into Stream S-08 (40.51308, -79.19128). Additionally, to avoid floodway impacts, stormwater calculations are being provided with this application confirming that the floodway for Stream S-14 and S-16 are less than the standard assumed width of 50'. The calculated floodways for these streams are shown accurately within the provided drawings. Streams that are tributary to S-14 and S-16 are conservatively assumed to have the same calculated width of floodway.

3.0 Summary

The General Permit Registration for Minor Road Crossings (GP-7) and Temporary Road Crossings (GP-8) has been prepared in accordance with the requirements of the Pennsylvania Department of Environmental Protection (PADEP). An NPDES General Permit for Stormwater Discharges Associated with Construction Activities and Erosion, Sediment and Stormwater Control Plan is being submitted to the Indiana County Conservation District, which has been prepared in accordance with standards and specifications defined by PADEP Technical Guidance Number 363-2134-008 *Erosion and Sediment Control Best Management Practice (BMP) Manual*, latest edition.