

## Wetlands Report

### EFFORT MOUNTAIN #1 & #2 138 kV LINE WETLANDS/WATERS MANAGEMENT SUMMARY AND RECOMMENDATIONS

September 15, 2009

PPL Electric Utilities Corporation  
Doug Haupt, Transmission Siting Coordinator  
2 N 9<sup>th</sup> St., Genn4  
Allentown, PA 18101

RE: Federal & Commonwealth Regulated wetlands & waters  
Effort Mt. 138 kV Taps & Substation  
Polk & Chestnut Hill Townships, Monroe County PA

Dear Mr. Haupt:

Please allow this correspondence to summarize my initial findings regarding the above referenced project and topic. On August 6<sup>th</sup> & 31<sup>st</sup> of 2009, I conducted an on-site survey of any and all regulated wetlands/waters along the proposed line route and substation site for the Effort Mountain 138 kV Taps.

Subsequently, 11 locations were identified as areas A through K. It should be noted that areas A through C were identified from east to west on August 6<sup>th</sup> while areas D through K were identified west to east on August 31<sup>st</sup>.

Those identified as waters were: Area A (a perennial stream) an un-named tributary to Pohopoco Creek; Area B (an intermittent stream); Area C (an un-named, perennial stream); and Area K (an un-named perennial stream). All 4 of these waters have varying narrow wetland fringe along their banks.

Areas D & J are isolated vernal pools and Areas E, F, G, H, & I are wetlands that extend outside and are part of bigger wetland areas located along Jonas Road.



Based upon these site visits, coupled with my 17 years of continual activity in wetland/waters encroachment permitting for PPL Electric, It is my opinion that PPL's policy of avoidance/ minimization of impact of regulated wetland/waters will dictate that these regulated areas be spanned with overhead wires and that there is no need to locate a structure or place a construction road within any of them.

Please find attached a USGS map which identifies Areas A through K. These areas will be surveyed by PPL Electric and added to the construction plans.

Once the project has received PUC approval, and then subsequently authorized by PPL EU, our firm will move ahead to prepare a final wetland delineation report and apply for any necessary environmental permitting.

Should you have any additional questions, regarding this professional opinion of the subject as it relates to other matters on this project; please do not hesitate to give me a call.

Sincerely,

Michael C. Wood, RLA, Principal

WOODLAND DESIGN ASSOCIATES, INC.

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