

LEGEND

APPROXIMATE PROJECT LIMITS

ANGLER
ENVIRONMENTAL
a **res** company

CORPORATE | 5367 TELEPHONE ROAD, WARRENTON, VIRGINIA 20187
P: 703.393.4844 | F: 703.393.2934

www.AnglerEnvironmental.com

PROJECT LOCATION MAP

POSSUM POINT SLOPE
STABILIZATION

PRINCE WILLIAM COUNTY, VIRGINIA

USGS Topo Quads: Quantico
Latitude: 38.5480
Longitude: -77.2762
Approx. Project Area: 8.29 AC
Elevation: 2 - 82 FEET
Scale: 1 inch = 2,000 feet
Source: <http://resources.arcgis.com/>
USA Topo Maps




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AERIAL IMAGERY

POSSUM POINT SLOPE
STABILIZATION

PRINCE WILLIAM COUNTY, VIRGINIA

Digital Orthophoto Source:
World Imagery
ESRI ArcGIS Online

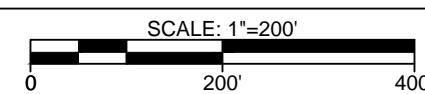
N



1 inch = 200 feet



1 EXISTING CONDITIONS OVERALL SITE PLAN



EXISTING FEATURES LEGEND

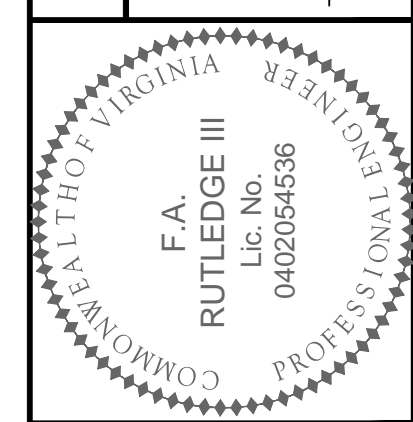
- WETLANDS BOUNDARY _____ WLB _____
- RPA _____ RPA _____ RPA _____ RPA _____
- CHESAPEAKE BAY RESOURCE PROTECTION AREA
- LIMITS OF DISTURBANCE _____
- 100 YEAR FLOOD PLAIN BOUNDARY _____ 100 FP _____
- DA _____ DA _____ DA _____ DA _____
- DRAINAGE AREA DIVIDE
- PL _____ PL _____ PL _____ PL _____
- PROPERTY LINES
- MEAN HIGH WATER _____
- MEAN LOW WATER _____
- FUEL _____ FUEL _____ FUEL _____ FUEL _____
- FUEL OIL PIPELINE

NOTES:

1. SEE GENERAL NOTES ON DWGS C-02 AND C-03 FOR INFORMATION ON THE WETLANDS BOUNDARIES SHOWN.
2. AERIAL IMAGERY OBTAINED FROM ESRI WORLD IMAGERY SERVICE (MICROSOFT, 04-14-2011)
3. ROADWAY AND RAILROAD DIGITIZED FROM AERIAL IMAGE.

REV	DESCRIPTION	DATE

CHECKED BY: JMP	DATE: 4/11/2017
DRAWN BY: SLK	
DESIGNED BY: FAR	
F.A. RUTLEDGE III, PE VIRGINIA PROFESSIONAL ENGINEER #042054536	



Schnabel
ENGINEERING

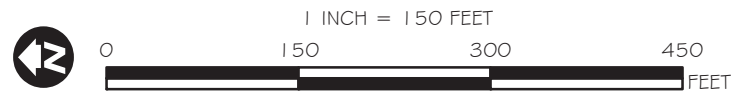
11A Oak Branch Drive / Greensboro, NC / 27407
1/336-274-9486 / 1/336-274-9486 / schnabeleng.com

POSSUM POINT POWER STATION
SLOPE STABILIZATION
VIRGINIA ELECTRIC AND POWER COMPANY
PRINCE WILLIAM COUNTY, VIRGINIA

**EXISTING CONDITIONS
OVERALL SITE PLAN**

PROJECT: 14221004.00
DATE: APRIL 2017
DRAWING NO. C-01
SHEET 2 OF 21

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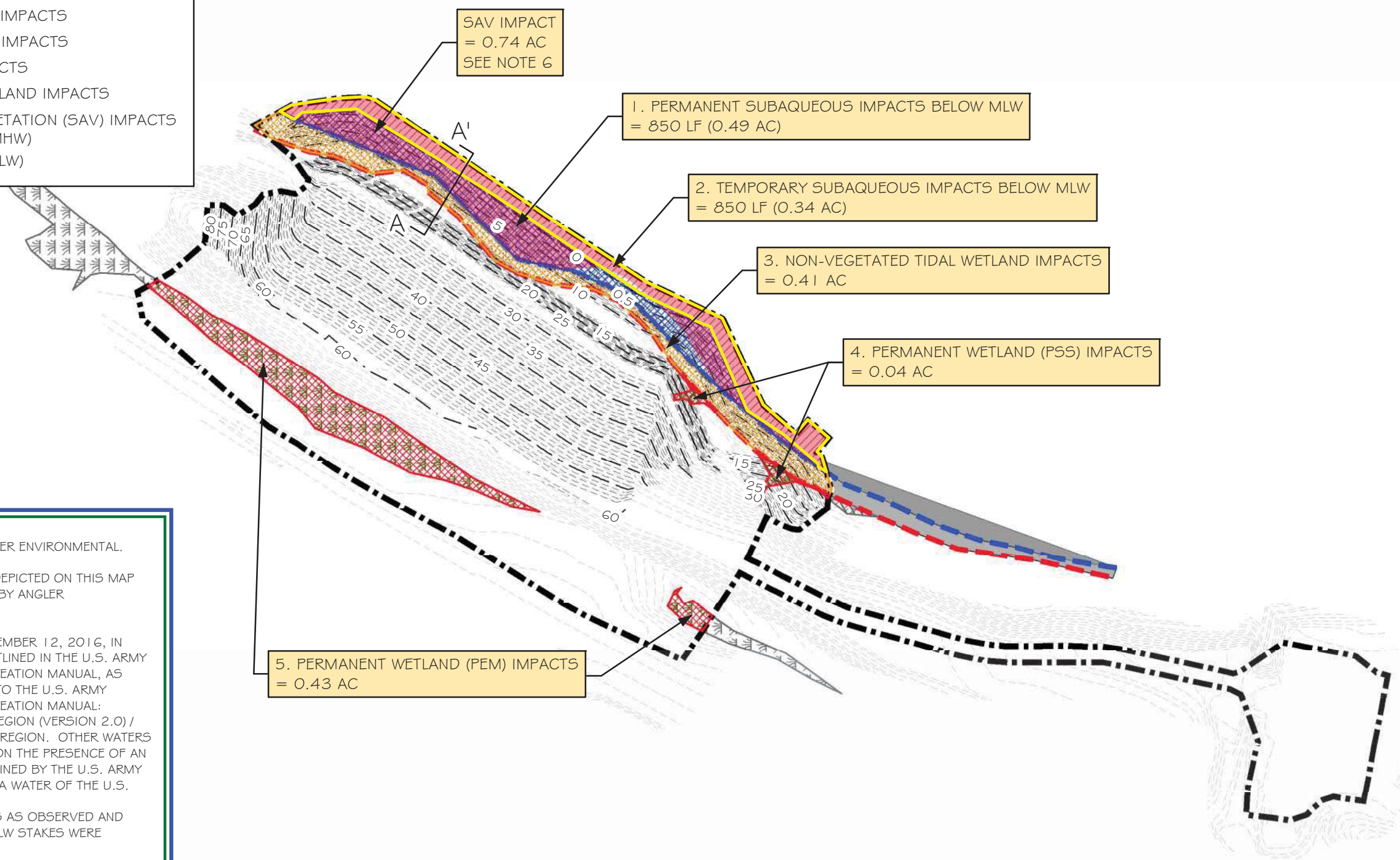


LEGEND

- APPROXIMATE PROJECT LIMITS
- STREAM LIMITS
- PALUSTRINE EMERGENT (PEM) WETLAND LIMITS
- PALUSTRINE SCRUB SHRUB (PSS) WETLAND LIMITS
- NON-VEGETATED TIDAL WETLANDS
- PERMANENT SUBAQUEOUS IMPACTS
- TEMPORARY SUBAQUEOUS IMPACTS
- PERMANENT WETLAND IMPACTS
- NON-VEGETATED TIDAL WETLAND IMPACTS
- SUBMERGED AQUATIC VEGETATION (SAV) IMPACTS
- MEAN HIGH WATER MARK (MHW)
- MEAN LOW WATER MARK (MLW)

SITE DATA:
 TOTAL PROJECT AREA = 8.29 +/- AC
 TOTAL STREAMS = 0.83 +/- AC (850 +/- LF)
 TOTAL WETLANDS = 0.88 +/- AC
 TOTAL WATERS OF THE U.S. = 1.71 +/- AC

IMPACTS
 PERMANENT SUBAQUEOUS IMPACTS = 850 LF (0.49 AC)
 TEMPORARY SUBAQUEOUS IMPACTS = 850 LF (0.34 AC)
 NON-VEGETATED TIDAL WETLAND IMPACTS = 0.41 AC
 PERMANENT WETLAND (PSS) IMPACTS = 0.04 AC
 PERMANENT WETLAND (PEM) = 0.43 AC
 SUBMERGED AQUATIC VEGETATION IMPACTS = 0.74 AC



NOTES:

1. BASE MAPPING OBTAINED FROM ANGLER ENVIRONMENTAL.
2. LIMITS OF WETLANDS AND STREAMS DEPICTED ON THIS MAP WERE DELINEATED AND GPS LOCATED BY ANGLER ENVIRONMENTAL.
3. WETLANDS WERE DELINEATED ON DECEMBER 12, 2016, IN ACCORDANCE WITH PROCEDURES OUTLINED IN THE U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, AS WELL AS THE REGIONAL SUPPLEMENT TO THE U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: ATLANTIC AND GULF COASTAL PLAIN REGION (VERSION 2.0) / EASTERN MOUNTAINS AND PIEDMONT REGION. OTHER WATERS OF THE U.S. ARE DELINEATED BASED ON THE PRESENCE OF AN ORDINARY HIGH WATER MARK, AS DEFINED BY THE U.S. ARMY CORPS OF ENGINEERS DEFINITION OF A WATER OF THE U.S.
4. MEAN LOW WATER (MLW) ELEVATION IS AS OBSERVED AND STAKED ON DECEMBER 12, 2016. MLW STAKES WERE SURVEYED ON DECEMBER 13, 2016.
5. SUBMERGED AQUATIC VEGETATION (SAV) IMPACTS WERE CALCULATED USING DATA OBTAINED FROM THE 2015 CHESAPEAKE BAY SAV COVERAGE FROM THE VIRGINIA INSTITUTE OF MARINE SCIENCE (SAV ECOLOGY, MONITORING, AND RESTORATION PROGRAM) PUBLISHED ON DECEMBER 1, 2016.

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POSSUM POINT SLOPE STABILIZATION
 IMPACTS MAP
 PRINCE WILLIAM COUNTY, VIRGINIA

PROJECT MANAGER:	TL
DRAWN:	TD
JOB NUMBER:	5994.00
REVISIONS:	NONE