

U.S. Army Corps  
of Engineers  
Baltimore District

# Public Notice

In Reply to Application Numbers  
CENAB-OP-RMS (DELMARVA POWER & LIGHT/CHURCH STATION  
TO MD/DE LINE) 2012-00643 and  
CENAB-OP-RMS (DELMARVA POWER & LIGHT/WYE MILLS TO  
CHURCH STATION) 2013-00054

PN 13-36

Comment Period: June 7, 2013 to June 28, 2013

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**THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.**

This District has received an application for a Department of the Army permit pursuant to **Section 404 of the Clean Water Act (33. U.S.C. 1344)** as described below:

**APPLICANT:** Delmarva Power & Light  
Mr. Chuck Reed  
PO Box 9239  
Newark, Delaware 19714-9239

**LOCATION OF THE PROPOSED WORK:** in the headwaters nontidal wetlands adjacent to unnamed tributaries of Mill Stream Branch, Three Bridges Branch, Southeast Creek, Browns Creek, Foreman Branch, Pearl Creek, Red Lion Branch, Unicorn Branch, Andover Branch, Cypress Branch, Herring Branch and the Sassafra River along the existing Delmarva Power & Light Right of Way, from the Wye Mills Substation to the Church Substation and continuing on the Maryland/Delaware State Line, through Queen Anne's and Kent Counties, Maryland.

**WORK AND PURPOSE:** to replace the existing 2-timber pole H structures with new steel mono poles within the existing right-of-way (ROW) with new 138 kV lines along a total of 38.2 miles and new 12 kV distribution line along 5.3 miles. The work is proposed in 2 stages in separate applications:

(DELMARVA POWER & LIGHT/CHURCH STATION TO MD/DE LINE) 2012-00643 is 25.9 miles long from the Wye Mills Substation to the Church substation which involves installation of 23 poles in wetlands that would impact approximately 536.03 square feet (0.0123 acre) of nontidal wetlands and temporary use of construction matting that would impact approximately 2.724 acres of nontidal wetlands.;

(DELMARVA POWER & LIGHT/WYE MILLS TO CHURCH STATION) 2013-00054 is 12.3 miles long from Church substation to the Maryland/Delaware state line which involves installation of 5 poles in wetlands that would impact approximately 48.11 square feet (0.0011 acre) of nontidal wetlands and temporary use of construction matting that would impact approximately 2.75 acres of nontidal wetlands. All work will be completed in accordance with the enclosed plan(s). If you have any questions concerning this matter, please contact Mr. Rod Schwarm at 410-820-8550.

No wetland conversion is proposed for these projects.

As part of the planning process for the proposed project, steps were taken to ensure avoidance and minimization of impacts to aquatic resources to the maximum extent practicable. Proposed pole locations have been moved wherever possible to avoid wetlands, in consideration of the ROW constraints and distance possible between pole requirements. Compensatory mitigation is not proposed by the applicant.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonable may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments provided will become part of the public record for this action. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, P.O. Box 1715, Baltimore, Maryland 21203-1715 within the comment period specified above.

The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect essential fish habitat (EFH).

The project site does not lie in or adjacent to EFH as described under MSFCMA. The project is unlikely to adversely affect EFH or the species of concern by alteration of spawning, nursery, forage and/or shelter habitat.

**WATER QUALITY CERTIFICATION:** The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act from the **Maryland Department of the Environment**. Any written comments concerning the work described above which relate to water quality certification must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. The Section 401 certifying agency has a statutory limit of

one year from the date of this public notice to make its decision.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the request permit.

The evaluation of the impact of this project on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period as specified above to receive consideration. Also it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate this information concerning the proposed work to any persons know by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

KATHY B. ANDERSON  
Chief, Maryland Section Southern

# Church to Wye Mills 138 kV Transmission Line Project

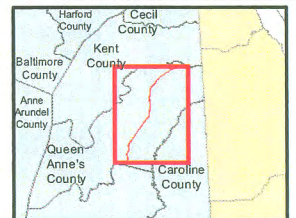
Situated In: Queen Anne's County, MD

Church Substation

Wye Mills Substation

Key Map

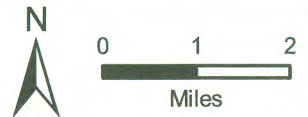
Source: USGS via ESRI



## Final Project Plan

### Legend

Index Sheets



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Bellevue Park Corporate Center  
 200 Bellevue Parkway, Suite 215  
 Wilmington, Delaware 19809  
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Wetland Index

Sheet	Wetland (WL)	Wetland Size		Temporary Protective Matting		Impacts due to Utility Lines (Direct Embed Poles)		Impacts due to Foundations for Utility Lines		Total Impact (Poles and Foundations)		No. of Direct Embed Poles (4.5 ft diameter)	No. of Anchor Bolt Foundations (8.5 ft diameter)
		Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres		
2	WL-1	2387.32	0.0548	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
5,6	WL-2	22909.79	0.5259	741.23	0.0170	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
9	WL-3	21558.59	0.4949	835.51	0.0192	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
11,12	WL-4	26855.95	0.6165	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
11,12	WL-5	47732.05	1.0958	3721.98	0.0854	31.81	0.0007	0.00	0.0000	31.81	0.0007	2	0
12	WL-6	27119.77	0.6226	3345.02	0.0768	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
13	WL-7	227.38	0.0052	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
14	WL-8	52220.01	1.1988	4386.53	0.1007	15.90	0.0004	56.75	0.0013	72.65	0.0017	1	1
16,17	WL-9	19319.42	0.4435	1466.79	0.0337	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
20	WL-10	43714.72	1.0036	3063.51	0.0703	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
21	WL-11	60211.51	1.3823	3405.57	0.0782	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
21,22	WL-12	11444.36	0.2627	6547.57	0.1503	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
22,23	WL-13	82248.85	1.8882	12717.30	0.2919	47.71	0.0011	0.00	0.0000	47.71	0.0011	3	0
24,25,26	WL-14	104818.29	2.4063	3751.66	0.0861	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
28,29	WL-15	91009.83	2.0893	5260.35	0.1208	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
31,32	WL-16	8121.68	0.1864	675.18	0.0155	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
33,34	WL-17	1868.00	0.0429	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
36	WL-18	32239.90	0.7401	1857.69	0.0426	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
36,37	WL-19	315.33	0.0072	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
38,39,40	WL-20	5365.82	0.1232	647.34	0.0149	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
41	WL-21	9498.89	0.2181	841.95	0.0193	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
42	WL-22	112636.67	2.5858	7561.15	0.1736	31.81	0.0007	0.00	0.0000	31.81	0.0007	2	0
43,44	WL-23	9412.66	0.2161	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
46	WL-24	46941.03	1.0776	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
49,50	WL-25	40144.16	0.9216	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
50,51	WL-26	13606.37	0.3124	2637.26	0.0605	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
53,54	WL-27	44167.28	1.0139	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
55,56	WL-28	43936.85	1.0087	4301.48	0.0987	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
60	WL-29	20215.97	0.4641	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
64,65	WL-30	1900.05	0.0436	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
66,67	WL-31	37710.55	0.8657	808.12	0.0186	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
67	WL-32	110994.91	2.5481	7151.71	0.1642	15.90	0.0004	0.00	0.0000	15.90	0.0004	1	0
70,71	WL-33	3917.57	0.0899	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
72	WL-34	80734.66	1.8534	2882.71	0.0662	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
74	WL-35	30033.36	0.6895	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
75	WL-36	11664.47	0.2678	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
75	WL-37	55910.91	1.2835	2463.05	0.0565	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
76,77	WL-38	1053.14	0.0242	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
77,78	WL-39	22376.86	0.5137	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
78,79	WL-40	35767.77	0.8211	3540.11	0.0813	0.00	0.0000	56.75	0.0013	56.75	0.0013	0	1
80,81	WL-41	16703.47	0.3835	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
81,82	WL-42	84471.17	1.9392	8540.06	0.1961	31.81	0.0007	56.75	0.0013	88.55	0.0020	2	1
83,84,85	WL-43	128964.25	2.9606	18364.92	0.4216	31.81	0.0007	0.00	0.0000	31.81	0.0007	2	0
	WL-44	130270.70	2.9906	7140.17	0.1639	31.81	0.0007	0.00	0.0000	31.81	0.0007	2	0
	<b>TOTALS</b>	<b>1754722.28</b>	<b>40.2829</b>	<b>118655.95</b>	<b>2.7240</b>	<b>365.80</b>	<b>0.0084</b>	<b>170.24</b>	<b>0.0039</b>	<b>536.03</b>	<b>0.0123</b>	<b>23</b>	<b>3</b>

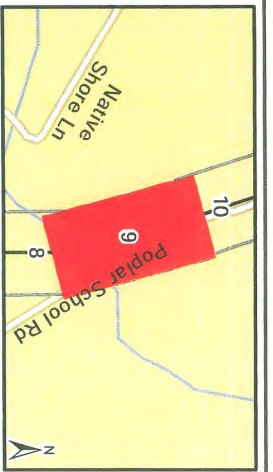
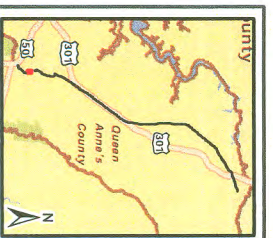
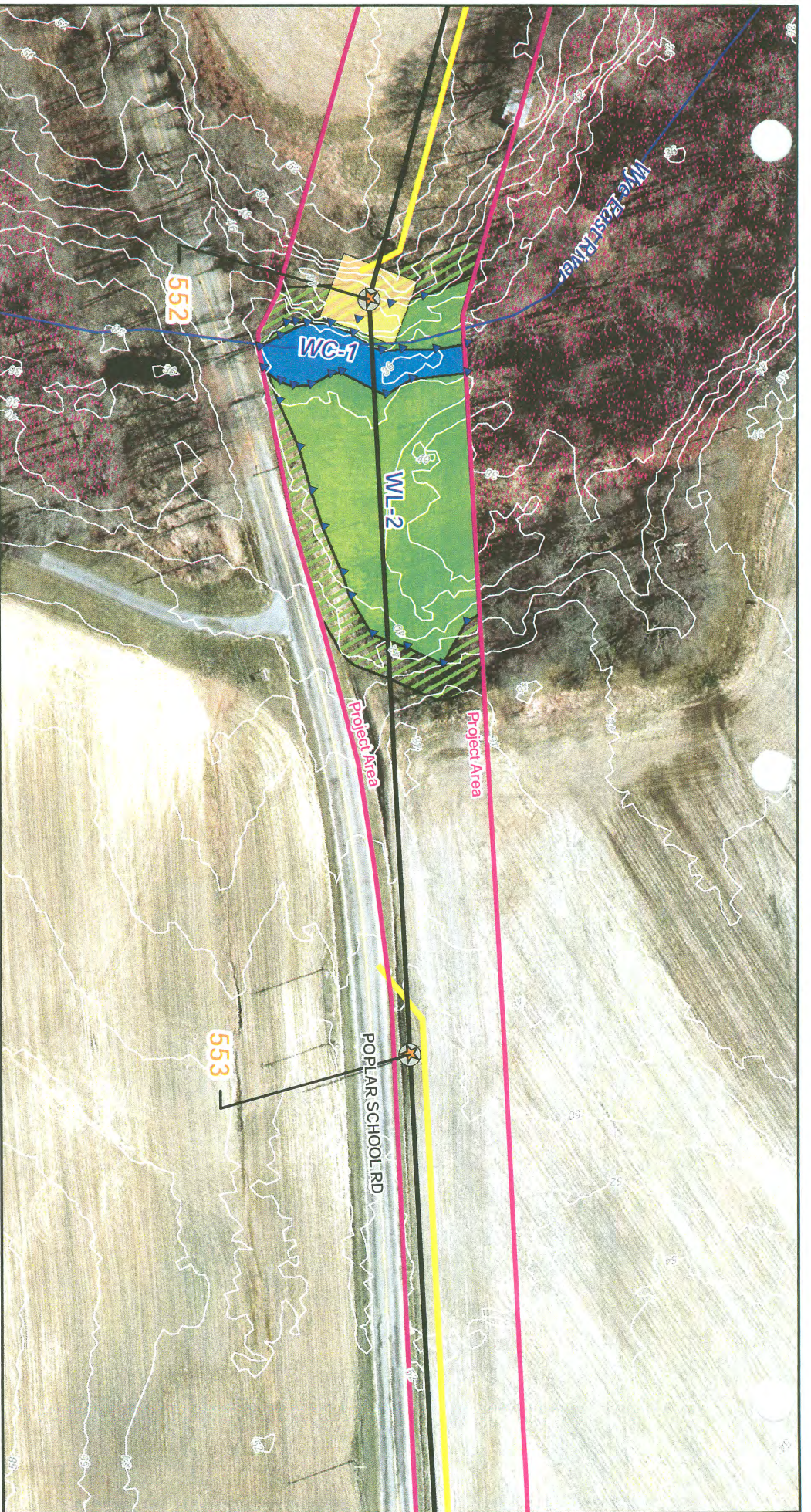
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3/20/2013  
Sheet 1

Permit Plans  
Church to Wye Mills  
138 kV Transmission Line Proj.

Wetland Impacts Summary



**Legend**

- ★ Poles to be Installed
- Poles to be Removed
- ⊗ H-Frames to be Removed
- Circuits
- Access Path
- Project Area
- ▲ Field Survey Flags
- ▭ Field-Delineated Wetlands
- ▭ Field-Delineated Watercourses
- ▭ Wetlands Buffer (25 ft)
- ▭ Riparian Zone Buffer (25 ft)
- ▭ State DNR Wetlands
- × × × Fence Base
- ▬ Substation Fence
- Field Roads
- ~ Streams (USGS NHD)
- ⤵ Topographic Contours (2-foot)
- Temporary Matting

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**CENAB-OP-RMS (DELMARVA POWER & LIGHT/WYE MILLS TO CHURCH STATION) 2013-00054-M13**

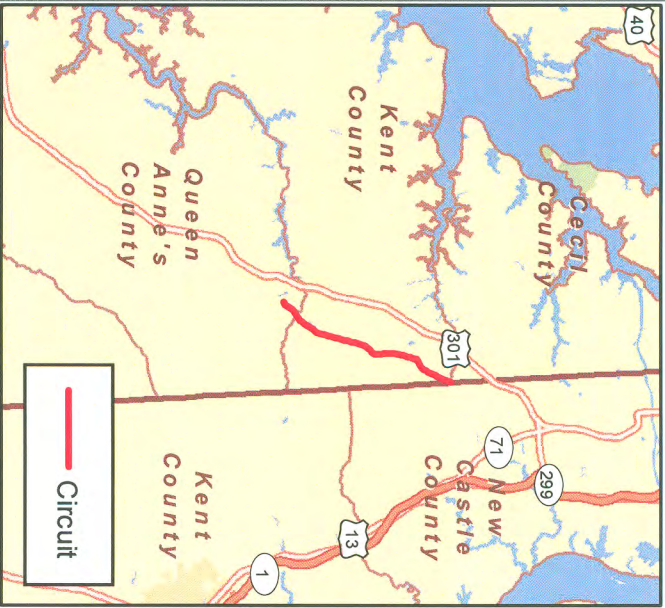
1. Features outside ROW sourced from public domain GIS data.  
 2. 2' contours obtained from the Maryland DNR via the NOAA Coastal Services Center website.  
 3. Aerial Source: USGS 2012  
 4. 2013 wetland delineation and flagging performed by Black & Veatch during December 2012 and January 2013  
 5. Wetland flags located by True Measure Consulting with a Trimble® Dual Frequency GPS in DGPS mode.  
 6. Off-ROW access routes are established from roads or areas in upland agricultural areas that will not be impacted by the project.

Scale: 1 inch equals 100 feet  
when viewed at 8.5x11

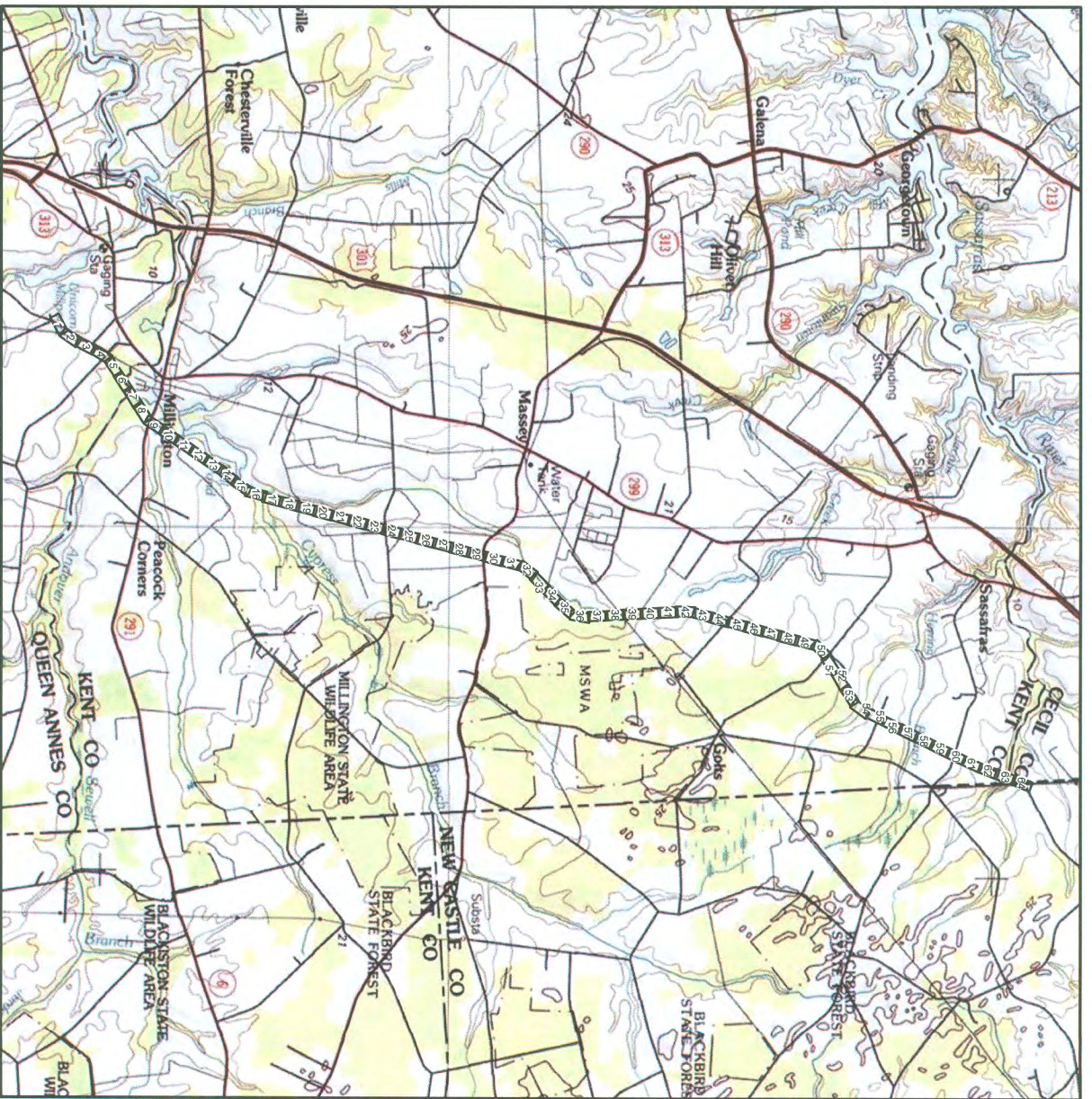
Permit Plans  
Church to Wye Mills  
138 kV Transmission Line Project

3/20/2013  
Sheet  
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# Church to Townsend 138 kV Transmission Line Rebuild Project



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Miles  
1 inch equals 1.58 miles  
when viewed at 8.5x11



### Permit Plans

Church to Townsend  
138 kV Transmission Line Rebuild Project

1/17/2013



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Wetland Index

Sheet	Wetland (WL)	Wetland Size		Temporary Protective Matting		Impacts due to Utility Lines (Direct Embed Poles)		Impacts due to Foundations for Utility Lines		Total Impact (Poles and Foundations)		No. of Direct Embed Poles (3.5 ft diameter)	No. of Anchor Bolt Foundations (8.5 ft diameter)
		Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres		
3,4	WL-1	52978.92	1.2162	1440.86	0.0331	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
4,5,6	WL-2	688785.57	15.8123	44805.19	1.0286	19.24	0.0004	0.00	0.0000	19.24	0.0004	2	0
6	WL-3	75696.55	1.7378	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
6,7	WL-4	37069.71	0.8510	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
8,9	WL-5	15331.33	0.3520	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
9	WL-6	4268.27	0.0980	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
9	WL-7	14622.27	0.3357	808.07	0.0186	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
9,10,11,12	WL-8/9	387449.38	8.8946	8706.91	0.1999	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
12	WL-10	16197.83	0.3719	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
19,20	WL-11	77826.23	1.7866	3150.63	0.0723	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
20	WL-12	9966.59	0.2288	279.34	0.0064	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
20,21	WL-13	10812.05	0.2482	189.39	0.0043	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
21	WL-14	70814.20	1.6257	956.98	0.0220	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
22	WL-15	151102.38	3.4688	6600.51	0.1515	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
22	WL-16	12976.58	0.2979	1259.43	0.0289	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
22,23	WL-17	149218.49	3.4256	9222.35	0.2117	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
23,24	WL-18	380703.39	8.7397	31263.04	0.7177	19.24	0.0004	0.00	0.0000	19.24	0.0004	2	0
29	WL-19	29072.21	0.6674	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
30	WL-20	6068.49	0.1393	1571.00	0.0361	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
31	WL-21	38480.05	0.8834	1136.17	0.0261	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
31	WL-22	73361.81	1.6842	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
32,33	WL-23	70929.99	1.6283	3636.43	0.0835	9.62	0.0002	0.00	0.0000	9.62	0.0002	1	0
33	WL-24	1189.56	0.0273	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
33	WL-25	17817.54	0.4090	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
33,34	WL-26	33448.03	0.7679	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
39	WL-27	48125.25	1.1048	4714.05	0.1082	0.00	0.0000	0.00	0.0000	0.00	0.0000	0	0
<b>TOTALS</b>		<b>2474312.69</b>	<b>56.8024</b>	<b>119740.34</b>	<b>2.7489</b>	<b>48.11</b>	<b>0.0011</b>	<b>0.00</b>	<b>0.0000</b>	<b>48.11</b>	<b>0.0011</b>	<b>5</b>	<b>0</b>



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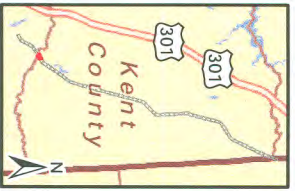
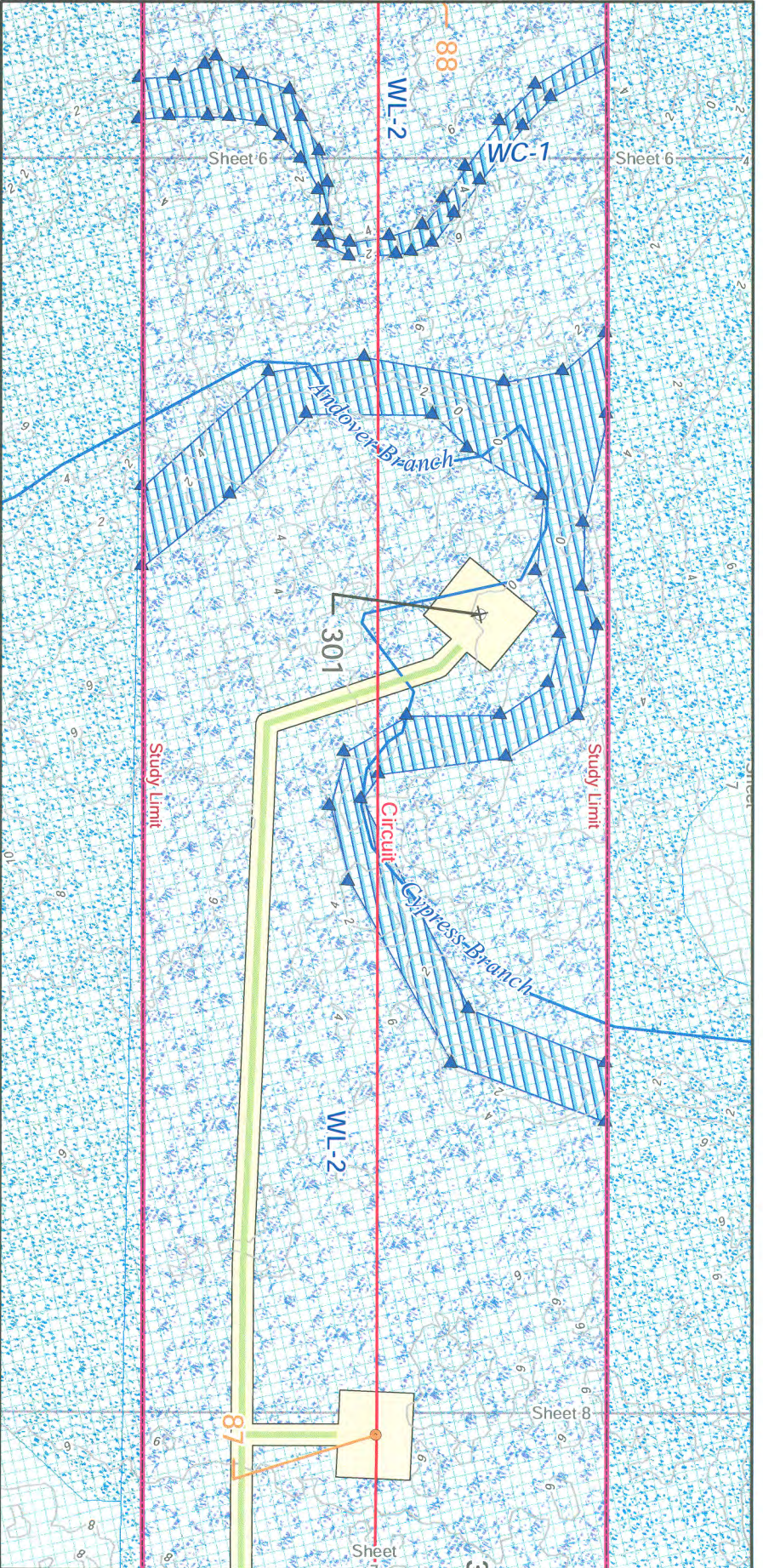
**Wetland Impacts  
All Phases**

**Wetland Impacts - ALL  
Permit Plans  
Church to Townsend  
138 kV Transmission Line Rebuild Project**

1/17/2013

Sheet 1



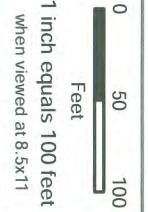


**Legend**

- Poles to be Installed
- ⊗ Poles to be Removed
- Circuit
- Access Path
- Project Area
- Temporary Matting
- ▲ Field Survey Flags
- Tree to be Removed
- Field-Delineated Wetlands
- Field-Delineated Watercourses
- State DNR Wetlands
- FEMA 100-year Floodplain
- Wetlands Buffer (25 ft)
- Wetland in Critical Area Buffer (25 ft)
- Riparian Zone Buffer (25 ft)
- Confirmed Tiger Salamander Habitat
- Estimated Bog Turtle Habitat
- Topographic Contours
- Streams
- Water Bodies
- Roads
- Railroad

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**Notes:**

1. Features outside ROW sourced from public domain GIS data.
2. Contours obtained from the Maryland DNR.
3. Field wetland delineation and flagging performed by Black & Veatch during April-August 2011 and December 2012.
4. Wetland flags located by True Measure Consulting with a Trimble® Dual Frequency GNSS RTK mode.
5. Other RW's are established from roads or areas in updated agricultural areas that will not impact wetlands or watercourses.
6. Existing access roads are approximately 14 feet wide. Temporary composite matting is 8 ft x 14 ft wide.

**Permit Plans**  
Church to Townsend  
138 kV Transmission Line Rebuild Project

1/17/2013  
Sheet 7