

Scale 1" = 1,000'

LEGEND

- NON-TIDAL STREAM (ONSITE)
- NON-TIDAL STREAM (OFFSITE)
- NON-TIDAL PALUSTRINE FORESTED (PFO) WETLAND (ONSITE)
- NON-TIDAL PALUSTRINE FORESTED (PFO) WETLAND (OFFSITE)
- NON-TIDAL PALUSTRINE SCRUB-SHRUB (PSS) WETLAND (ONSITE)
- NON-TIDAL PALUSTRINE SCRUB-SHRUB (PSS) WETLAND (OFFSITE)
- NON-TIDAL PALUSTRINE EMERGENT (PEM) WETLAND (ONSITE)
- NON-TIDAL PALUSTRINE EMERGENT (PEM) WETLAND (OFFSITE)
- FOREST STAND DATAPoint
- SPECIMEN TREE
- CRITICAL AREA BUFFER
- CHESAPEAKE BAY CRITICAL AREA (10.91-AC)
- STUDY AREA/PARCEL BOUNDARY
- STEEP SLOPES >15%
- FOREST STAND A (15.6-AC)
- SOILS
- TREELINE
- EXISTING CONTOURS
- FOREST CONSERVATION EASEMENT (5.52AC)
- PROPOSED BUILDING
- PROPOSED REGULAR DUTY ASPHALT
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER
- PROPOSED LIMITS OF DISTURBANCE
- PROPERTY LINE
- EXISTING OVERHEAD POWER LINE
- FOREST TO BE CLEARED (0.21 AC)
- CRITICAL AREA FOREST TO BE CLEARED (1.18 AC)

- Site-Specific Notes:
- Water features were observed by ECS on March 5, 2021, and March 15, 2021 and located using a sub-meter accuracy GPS unit.
  - Steep slopes and soils with K-values greater than 0.35 are present onsite.
  - According to USFWS and Maryland DNR, anadromous fish propagation waters, colonial water fowl nesting sites, critical habitat or threatened and endangered species are not located onsite.
  - According to FEMA and MD MERLIN there are no 100-year or 500-year flood plains present.
  - According to MD MERLIN there are no historic sites or structures present.
  - Approximately 10.52 acres of the subject property are in the Critical Area. The project will impact approximately 3.78 acres of the Critical area including 1.18-ac of forested land inside of it.
  - Land surrounding the subject property is forested/agricultural to the north and south, residential to the east.
  - A pre-application meeting was conducted with the MDE on April 15, 2021 to review the jurisdictional status of the delineated features. The wetland features included in this map have been confirmed.
  - Any forest conservation requirements will be met through on site easements or forest banking credits.
  - The construction time table is to be determined.
  - A proposed two year maintenance agreement will be provided for any on site forest conservation.
  - The proposed conservation area is a high priority retention area which includes specimen trees, wetlands, steep slopes, and soils with a K-Value of greater than 0.35.

Forest Conservation Worksheet 2.2

Net Tract Area	Total Tract Area	A	B	C
A	20.48	20.48	10.52	9.96
B	Deductions			
C	Net Tract Area			

Land Use Category	Input the number "1" under the appropriate land use zoning, and limit to only one entry	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
ADA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MGR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HDR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WFO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SOIL AND K-VALUE TABLE

Map Unit Symbol	Map Unit Name	Hydric Criteria	Natural Drainage Class	K-Value
Aa	Alluvial land	None	Moderately well drained	.37
BiB2	Beltville silt loam, 2 to 5 percent slopes, moderately eroded	Yes	Moderately well drained	.37
CrO2	Croom gravelly sandy loam, 10 to 15 percent slopes, moderately eroded	None	Well drained	.17
Ewe2	Evesboro-Washington complex, 20 to 40 percent slopes, moderately eroded	None	Excessively drained	.15
Gp	Pts. gravel	None	N/A	N/A
MB2	Mattalex fine sandy loam, 2 to 5 percent slopes, moderately eroded	Yes	Moderately well drained	.32
SfB2	Sassafras loam, 2 to 5 percent slopes	Yes	Well drained	.32



May 24, 2021  
 Ms. Jennifer Anderson  
 ECS Mid-Atlantic, LLC  
 14026 Thunderbolt Place  
 State 100  
 Chantilly, VA 20151-3232

RE: Environmental Review for ECS Project No. 47-11716, St. Mary's Nursing Center, Tax Map 41 Parcel 2, St. Mary's County, Maryland.

Dear Ms. Anderson:  
 The Wildlife and Heritage Service has determined that there are no official State or Federal records for listed plant or animal species within the delineated area shown on the map provided. As a result, we have no specific concerns regarding potential impacts or recommendations for protection measures at this time. We would like to point out, however, that our remote analysis suggests that the forested area on this property contains Forest Interior Dwelling Bird habitat. Populations of many bird species which depend on this type of forested habitat are declining in Maryland and throughout the eastern United States. Interested landowners can contact us for further voluntary guidelines to help conserve this important habitat.

Please be sure to let us know if the limits of proposed disturbance or overall site boundaries change and we will provide you with an updated evaluation. Thank you for allowing us the opportunity to review this project. If you should have any further questions regarding this information, please contact me at (410) 260-5573.

Sincerely,  
*Jennifer Anderson*

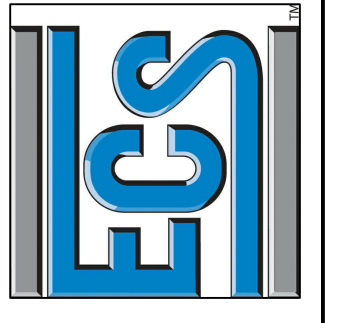
Loti A. Byrnes  
 Environmental Review Coordinator  
 Wildlife and Heritage Service  
 MD Dept. of Natural Resources

I certify that I have reviewed this planting plan which has been prepared in accordance with all State and local ordinances which were in effect as of the date shown below.  
 The undersigned is a qualified professional in accordance with COMAR 08.19.06.01.

*Jennifer Anderson*  
 Jennifer Anderson  
 Date: 11/29/2021

BASE MAPPING SOURCE: ADTEK ENGINEERS, INC.

CELEBRATING OVER 30 YEARS OF EXCELLENCE  
 ECS - MID-ATLANTIC, LLC  
 SUITE B  
 1340 CHARWOOD ROAD  
 HANOVER, MD 21076  
 410-854-4800  
 410-854-4800  
 (FAX) 703-834-5527  
 "SETTING THE STANDARD FOR SERVICE"



ST. MARY'S NURSING CENTER  
 42156 ST. ANDREWS CHURCH ROAD  
 LEONARDTOWN, ST. MARY'S COUNTY, MARYLAND

FOREST CONSERVATION MAP  
 ADTEK ENGINEERS, INC.

ECS REVISIONS	
ENGINEER	DRAFTING
AMM	JDA
SCALE	
1" = 80'	
PROJECT NO.	
47-11716	
SHEET	
1 OF 1	
DATE	
November 29, 2021	