

TRAVILAH ROAD FOREST CONSERVATION PLAN CU-##



Vika
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Our Site Set on the Future.

PREPARED FOR:
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GENERAL NOTES

- THE SUBJECT PROPERTY PARCELS ARE LISTED BELOW AND TOGETHER COMPRISE APPROXIMATELY 11.49 ACRES LOCATED ALONG TRAVILAH ROAD IN ROCKVILLE, MD.

LOT/PARCEL	BLOCK	TAX ACT NO.	LIBEL & FOLIO	PLAT NO.
PT09		06-0008000	5404/003	-
OWNER:	THOMAS S. BLACKMAN	13241 TRAVILAH ROAD	ROCKVILLE, MD 20854	
PT04		06-0008265	4001/327	-
OWNER:	DANNY LEE JUREST	5921 AND 1ST APT 1	FREDERICKS, MD 21701	
OWNER:	13241 TRAVILAH ROAD	ROCKVILLE, MD 20854		
PT65		06-0040395	1138/243	-
OWNER:	MARIA A. JOHNSON	13731 TRAVILAH ROAD	ROCKVILLE, MD 20854	
- THE SUBJECT SITE IS ZONED RE-1 UNDER THE POTOMAC SUBREGION MASTER PLAN AND REGULATIONS OF MONTGOMERY COUNTY, MD.
- THE HORIZONTAL DATA IS BASED ON NAD 83 MARYLAND COORDINATE SYSTEM. THE VERTICAL DATUM IS BASED ON NGV02S DATUM.
- TOPOGRAPHIC INFORMATION BASED ON AERIAL MAPING PROVIDED BY NORCAST MAPPING, INC. DATED JANUARY 11, 2000 AND FIELD VERIFIED BY VIKI MARYLAND.
- THE SUBJECT PROPERTY IS LOCATED IN THE SANDY BRANCH SUBWATERSHED OF THE WATTS BRANCH WATERSHED. SANDY BRANCH IS A MARYLAND STATE DESIGNATED USE 1-P STREAM.
- THIS SITE IS NOT LOCATED WITHIN A SPA OR PMA.
- A TRIBUTARY TO SANDY BRANCH OCCURS IN THE SOUTHERN SECTION OF THE SITE. THE CREEK STREAM IS A SOUTHWEST FLOWING, INTERMITTENT STREAM. PART OF THE STREAM RUNS THROUGH A BARRIER IN THE FLOOD WHICH IS NO LONGER IMPROVED. THE NORTHERN SIDE OF THE STREAM WAS FLANGED AND SURVEY LOCATED AS SHOWN ON THE PLAN. SEE ADDITIONAL DETAILS IN THE SITE DESCRIPTION AND LOCATIONS ON THE PLAN.
- A SMALL WETLAND WAS DELINEATED ON THE NORTH SIDE OF THE STREAM AS SHOWN ON THE PLAN. ADDITIONAL WETLANDS WERE IDENTIFIED ON THE SOUTH SIDE OF THE STREAM. THE ESTIMATED LIMITS OF WHICH ARE SHOWN ON THE PLAN.
- THE SUBJECT PROPERTY IS LOCATED IN ZONE "K" (AREA OF MINIMAL FLOOD HAZARD) AS SHOWN ON THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 2403 (03/28/02) FOR MONTGOMERY COUNTY, MARYLAND, DATED SEPTEMBER 29, 2006.
- A LETTER FROM DNR DATED MARCH 18, 2022 STATES THAT NO OFFICIAL RECORDS FOR STATE OR FEDERAL LISTED CANDIDATE PROPOSALS ON HARE PLANT OR MINERAL SPECIES WERE FOUND ON THE PROJECT AREA. NO HARE PLANT OR MINERAL SPECIES WERE FOUND ON THE PROJECT AREA. NO HARE PLANT OR MINERAL SPECIES WERE FOUND ON THE PROJECT AREA.

FCP WORKSHEET

FOREST CONSERVATION WORKSHEET									
TRAVILAH ROAD									
NET TRACT AREA:									
A. Total tract area =						11.09			
B. Additions to tract area (Ditch Site Work, etc., construction required by this plan)						0.00			
C. Land dedication areas (parks, county facility, etc.) =						0.00			
D. Land dedication for roads or utilities (construction not required by this plan) =						0.00			
E. Area to remain in commercial agricultural production/use =						0.00			
F. Other deductions (off-site utilities connections) =						0.00			
G. Net Tract Area =						11.09			
LAND USE CATEGORY (From Chapter 22A-1 Definitions)									
Input the number "1" under the appropriate land use, limit to only one entry.									
ARA	MAR	IDA	HDR	MDP	CLA				
0	1	0	0	0	0				
G. Afforestation Threshold =						20% 219			
H. Conservation Threshold =						25% 274			
EXISTING FOREST COVER:									
I. Existing forest cover =						0.48			
J. Area of forest above afforestation threshold =						0.00			
K. Area of forest above conservation threshold =						0.00			
BREAK EVEN POINT:									
L. Forest retention above threshold with no mitigation =						0.00			
M. Clearing permitted without mitigation =						0.00			
PROPOSED FOREST CLEARING:									
N. Total area of forest to be cleared =						0.12			
O. Total area of forest to be retained =						0.36			
PLANTING REQUIREMENTS:									
P. Reafforestation for clearing above conservation threshold =						0.00			
Q. Reafforestation for clearing below conservation threshold =						0.23			
R. Credit for retention above conservation threshold =						0.00			
S. Total reafforestation required =						0.23			
T. Total afforestation required =						1.71			
U. Credit for landscaping (may not exceed 20% of "S") =						0.00			
V. Total reafforestation and afforestation required =						1.95			
ALL REQUIRED FOREST PLANTING IS PROVIDED ON-SITE.									

RESOURCE DATA TABLE

AFORRESTATION/REFORESTATION REQUIRED	1.95
PROPOSED FOREST PLANTING AREA CATEGORY 1 (BASEMENT)	2.23
PROPOSED FOREST PLANTING AREA CATEGORY 2 (BASEMENT)	0.00
PROPOSED TREE PLANTINGS 30YR CANOPY CREDIT	0.00
MAINTAIN EXISTING CRITICAL ROOT ZONE CREDIT	0.00
LANDSCAPE AREAS AT FULL CREDIT	0.00
LANDSCAPE AREAS AT 1/4 CREDIT	0.00
TOTAL PROPOSED LANDSCAPE CREDIT	0.00
PROPOSED FEE-IN-USE CREDIT	0.00
TOTAL CREDITS	2.23
REAFFORESTATION REQUIREMENT (IF EXCESS PLANTING IF NUMBER IS NEGATIVE)	-0.28

FOREST CONSERVATION DATA TABLE

Number of Acres			
Forest	11.09		
Remaining in Agricultural Use	0.00		
Road & Utility R/W's	0.12		
Total Existing Forest	0.48		
Forest Retention	0.36		
Forest Cleared	0.12		
Land Use & Thresholds			
Land Use Category	MDP	ARA, MAR, IDA, HDR, MDP, or CLA	
Conservation Threshold	25%	per MDP	
Afforestation Threshold	20%	per MDP	
Total Channel Length (ft)			
Stream(s)	448	100'-150'	
Average Buffer Width (ft)			
Acres of Forest in	Retained	Cleared	Planted
Wetlands	0.31	-	-
100 Year Floodplain	-	-	-
Stream Buffers	-	-	-
Priority Areas	-	-	-

FOREST CONSERVATION SUMMARY

CATEGORY 1 FOREST CONSERVATION		
FOREST RETENTION AREA	SF	AC
AFORRESTATION AREA	77,314	1.77
NATURAL REGENERATION AREA	13,009	0.30
NATIVE MEADOW PLANTING AREA	6,641	0.15
TOTAL CATEGORY 1 AFFORESTATION	96,964	2.23
TOTAL OF ALL AFFORESTATIONS	112,705	2.58

SIGNIFICANT / SPECIMEN TREE TABLE

TREE NO.	BOTANICAL NAME	COMMON NAME	D.B.H. (in.)*	VARIANCE TREE	CONDITION	CRZ (SF)	CRZ IMPACT (SF)	CRZ IMPACT %	DISPOSITION
1	Quercus alba	White oak	42.5	✓	Good	12,768	0	0.00	SAVE
2	Quercus alba	White oak	30	✓	Fair	6,384	0	0.00	SAVE
14	Ratanus occidentalis	American sycamore	30.1	✓	Good	6,404	6,404	100.00	REMOVE
15	Ratanus occidentalis	American sycamore	30.1	✓	Good	7,696	7,696	100.00	REMOVE
18	Quercus phellos	Willow oak	35.5	✓	Fair	7,883	7,883	100.00	REMOVE
19	Acer rubrum	Red maple	25	✓	Poor	4,438	4,438	100.00	REMOVE
22	Prunus serotina	Black cherry	24	✓	Poor	4,072	4,072	100.00	REMOVE
23	Prunus alba	White mulberry	Est. 25	✓	Poor	4,778	4,778	100.00	REMOVE
25	Acer rubrum	Red maple	34	✓	Poor	8,171	8,171	100.00	REMOVE
26	Prunus sp.	Cherry sp.	24	✓	Poor	4,072	4,072	100.00	REMOVE
27	Acer rubrum	Red maple	28.5	✓	Poor	5,741	5,741	100.00	REMOVE
28	Rhus strobus	Eastern white pine	30.5	✓	Good	6,576	6,576	100.00	REMOVE
29	Acer rubrum	Red maple	25.5	✓	Poor	8,908	8,908	100.00	REMOVE
30	Acer rubrum	Red maple	28.5	✓	Poor	5,741	5,741	100.00	REMOVE
31	Gastanea sativa	European chestnut	28	✓	Fair/poor	5,542	5,542	100.00	REMOVE
32	Gastanea sativa	European chestnut	27.5	✓	Fair	5,424	5,424	100.00	REMOVE
33	Gastanea sativa	European chestnut	32.5	✓	Poor	7,466	7,466	100.00	REMOVE
35	Acer rubrum	Red maple	27	✓	Poor	5,153	5,153	100.00	REMOVE
36	Acer rubrum	Red maple	26	✓	Fair	4,778	4,778	100.00	REMOVE
37	Acer rubrum	Red maple	35.5	✓	Poor	8,908	8,908	100.00	REMOVE
39	Acer rubrum	Red maple	29.3	✓	Fair	6,068	6,068	100.00	REMOVE
40	Acer rubrum	Red maple	25	✓	Fair	4,438	4,438	100.00	REMOVE
41	Acer rubrum	Red maple	27	✓	Poor	5,153	5,153	100.00	REMOVE
42	Ratanus occidentalis	American sycamore	30.5	✓	Good	8,171	8,171	100.00	REMOVE
44	Acer rubrum	Red maple	28	✓	Fair	5,153	5,153	100.00	REMOVE
44	Acer rubrum	Red maple	30.5	✓	Fair	6,576	6,576	100.00	REMOVE
45	Acer rubrum	Red maple	29	✓	Poor	5,945	5,945	100.00	REMOVE
46	Acer rubrum	Red maple	31	✓	Fair	7,466	7,466	100.00	REMOVE
47	Acer rubrum	Red maple	25	✓	Fair	4,438	4,438	100.00	REMOVE
48	Acer rubrum	Red maple	29	✓	Fair	5,945	5,945	100.00	REMOVE
49	Acer rubrum	Red maple	28.5	✓	Poor	5,741	5,741	100.00	REMOVE
50	Acer saccharinum	Silver maple	37	✓	Fair	9,677	9,677	100.00	REMOVE
51	Quercus rubra	Northern red oak	27	✓	Fair	5,153	0	0.00	SAVE
52	Quercus alba	White oak	23.5	✓	Fair/poor	3,904	0	0.00	SAVE
53	Quercus alba	White oak	25.5	✓	Good	6,151	0	0.00	SAVE
54	Quercus alba	White oak	27.5	✓	Fair	5,945	0	0.00	SAVE
55	Quercus rubra	Northern red oak	27	✓	Poor	5,153	0	0.00	SAVE
56	Quercus rubra	Northern red oak	25	✓	Poor	4,778	4,778	100.00	REMOVE
57	Acer rubrum	Red maple	30	✓	Good	6,384	6,384	100.00	REMOVE
58	Rhus strobus	Eastern white pine	27	✓	Fair	5,153	5,153	100.00	REMOVE
59	Rhus strobus	Eastern white pine	27	✓	Fair	5,153	5,153	100.00	REMOVE
60	Rhus strobus	Eastern white pine	27	✓	Good	5,153	5,153	100.00	REMOVE
61	Acer rubrum	Red maple	25.5	✓	Fair	4,596	4,596	100.00	REMOVE
62	Juglans nigra	Black walnut	28.5	✓	Fair	5,741	5,741	100.00	REMOVE
63	Juglans nigra	Black walnut	27.5	✓	Fair	5,153	5,153	100.00	REMOVE
64	Prunus sp.	Cherry sp.	Est. 30	✓	Poor	6,384	6,384	100.00	REMOVE
65	Acer rubrum	Red maple	40	✓	Fair	13,110	13,110	100.00	REMOVE
66	Acer rubrum	Red maple	36.5	✓	Fair	9,417	9,417	100.00	REMOVE
67	Quercus sp.	Oak sp.	Est. 24	✓	Good	4,072	5,146	12.66	REMOVE
68	Acer rubrum	Red maple	Est. 24	✓	Poor	4,072	4,072	100.00	REMOVE
69	Acer rubrum	Red maple	Est. 24	✓	Fair	4,072	4,072	100.00	REMOVE
70	Ratanus occidentalis	American sycamore	25	✓	Fair	4,438	4,438	100.00	REMOVE
71	Prunus sp.	Cherry sp.	24	✓	Fair	4,072	4,072	100.00	REMOVE
72	Acer rubrum	Red maple	Est. 24	✓	Fair	4,072	0.00	0.00	SAVE
73	Prunus sp.	Cherry sp.	Est. 28	✓	Fair	5,942	0.00	0.00	SAVE
74	Acer rubrum	Red maple	Est. 30	✓	Fair	6,382	6,382	100.00	REMOVE
75	Acer rubrum	Red maple	Est. 30	✓	Fair	6,382	6,382	100.00	REMOVE
76	Quercus rubra	Northern red oak	Est. 24	✓	Good	4,072	1,104	27.12	SAVE
77	Ratanus occidentalis	American sycamore	Est. 35	✓	Good	7,696	0	0.00	SAVE

SOILS TABLE

SYMBOL		SOIL*		CHARACTERISTICS	
		PRIME FARMLAND	FAIRLAND OR STATUTORY IMPROVEMENT	HIGHLY ERODIBLE	HYDROIC SOIL
18	GAIA Silt loam 2-8% Slope	YES	NO	NO	SL MINOR COMPONENT ONLY
1C	GAIA Silt loam 8-15% Slope	NO	YES	NO	SL MINOR COMPONENT ONLY
10B	BROWN & CONTOURING 3-8% Slope	NC	NO	NO	NO
11B	BLACKTOP CHERRY Silt loam 15-25% Slope	NC	NO	NO	SL MINOR COMPONENT ONLY

SOURCES: USGS NCEI WEB SOIL SURVEY (