

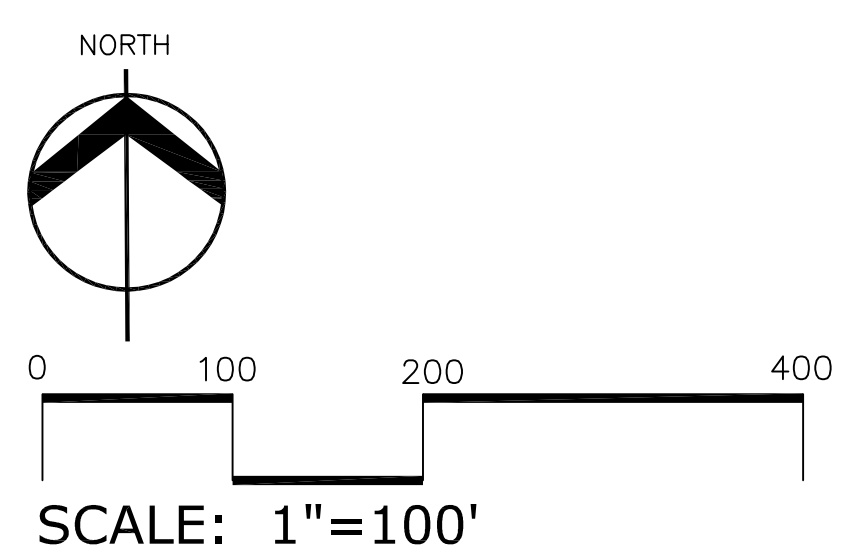
VICINITY MAP
SCALE: 1" = 2000'

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA BOUNDARY
- FOREST STAND BOUNDARY LINE
- SOIL BOUNDARY LINE
- REGULATED STREAM
- NON-TIDAL WETLANDS
- NON-TIDAL WETLANDS BUFFER
- 50' STREAM BUFFER
- [FSD1] FSD PLOT LOCATION
- [Hatched Box] >25% SLOPES
- [Tree Symbol] SPECIMEN TREE W/ CRITICAL ROOT ZONE

WATERSHED #02130908 SOUTH BRANCH PATAPSCO - USE III
The site is located within Tier II Catchment Area - Piney Branch 2 Carroll Co.

Community POWER GROUP
5636 Connecticut Ave
#42729
Washington, DC 20015



ONSITE WETLANDS
WETLAND SYSTEM A 25,473 sq.ft. (0.59 acres)
WETLAND SYSTEM B 18,305 sq.ft. (0.42 acres)
TOTAL 43,778 sq.ft. (1.01 acres)

ONSITE STREAMS
STREAM - ST-1 2,335 l.ft.
STREAM - ST-2 102 l.ft.
STREAM - ST-3 103 l.ft.
TOTAL LENGTH OF STREAM ONSITE 2,540 l.ft.

STUDY AREA FOREST STANDS
FOREST STAND A - 7.87 acres -MIXED EARLY SUCCESSIONAL - PRIORITY 1-HIGH
FOREST STAND B - 2.04 acres -MIXED OAK/POPLAR - PRIORITY 2- MEDIUM
TOTAL FOREST IN STUDY AREA- 9.91-ACRES

SPECIMEN TREE CHART					
TREE #	SPECIES	BOTONICAL NAME	SIZE - INCHES	CONDITION	COMMENTS
ST-1	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Poor	Form/Dieback
ST-2	Tulip Poplar	<i>Liriodendron tulipifera</i>	47.5	Poor	Trunk Rot/Broken
ST-3	Mulberry	<i>Morus spp.</i>	33	Poor	Trunk Rot/Vines
ST-4	Pin Oak	<i>Quercus palustris</i>	34	Poor	Rot/Included Bark
ST-5	Pin Oak	<i>Quercus palustris</i>	31	Poor	Rot/Included Bark
ST-6	Black Oak	<i>Quercus velutina</i>	42	Good	
ST-7	Black Oak	<i>Quercus velutina</i>	34.5	Good	Offsite
ST-8	Black Oak	<i>Quercus velutina</i>	35	Fair	Offsite
ST-9	Black Oak	<i>Quercus velutina</i>	39.5	Good	Offsite
ST-10	Chestnut Oak	<i>Quercus prinus</i>	33.5	Fair	Offsite
ST-11	Chestnut Oak	<i>Quercus prinus</i>	31	Fair	Offsite
ST-12	Chestnut Oak	<i>Quercus prinus</i>	36	Poor	Rot/Offsite
ST-13	Black Cherry	<i>Prunus serotina</i>	38	Poor	Broken/Rot/Offsite
ST-14	Tulip Poplar	<i>Liriodendron tulipifera</i>	35.5	Fair	
ST-15	Red Maple	<i>Acer rubrum</i>	33.5	Fair	
ST-16	Tulip Poplar	<i>Liriodendron tulipifera</i>	31.5	Excellent	Offsite
ST-17	White Oak	<i>Quercus alba</i>	38.5	Excellent	Offsite
ST-18	White Oak	<i>Quercus alba</i>	33.5	Fair	Offsite
ST-19	White Oak	<i>Quercus alba</i>	32	Fair	Offsite
ST-20	Black Oak	<i>Quercus velutina</i>	32	Fair	Offsite
ST-21	Tulip Poplar	<i>Liriodendron tulipifera</i>	50	Poor	Trunk Rot
ST-22	Black Oak	<i>Quercus velutina</i>	35	Good	Offsite
ST-23	Tulip Poplar	<i>Liriodendron tulipifera</i>	32	Fair	Offsite
ST-24	Black Oak	<i>Quercus velutina</i>	31	Fair	Offsite
ST-25	Tulip Poplar	<i>Liriodendron tulipifera</i>	30.5	Poor	Rot/Form/Offsite
ST-26	Tulip Poplar	<i>Liriodendron tulipifera</i>	31	Fair	Offsite
ST-27	White Oak	<i>Quercus alba</i>	30	Fair	Offsite
ST-28	White Oak	<i>Quercus alba</i>	38	Poor	Dying/Rot/Offsite
ST-29	Red Maple	<i>Acer rubrum</i>	33	Poor	Rot/Multistem/Offsite

- FOREST STAND DELINEATION NOTES**
- FOREST STAND A HAS A HIGH PRIORITY FOR RETENTION.
 - FOREST STAND B HAS A MEDIUM PRIORITY FOR RETENTION.
 - NO 100-YEAR FEMA FLOODPLAIN IS MAPPED ONSITE PER FEMA PANEL 24013C0295D. A FLOODPLAIN STUDY HAS NOT BEEN CONDUCTED ON THE PROPERTY.
 - NO CRITICAL HABITAT AREAS ARE PRESENT ONSITE.
 - PRIORITY AFFORESTATION AREAS INCLUDE:
 - UNFORESTED AREAS WITHIN THE STREAM BUFFER
 - UNFORESTED AREAS ADJACENT TO STREAM BUFFER
 - TWENTY-NINE SPECIMEN TREES WERE IDENTIFIED WITHIN THE STUDY AREA.
 - THE STUDY AREA CONSISTS OF PORTIONS OF PARCELS 29 & 609 ON TAX MAP 72, GRID 2.

SOILS DATA

Symbol	Name/Description	K-Factor	Hydrologic Group	Drainage Class	Hydric Rating
BaA	Balle silt loam, 0-3% slopes	0.37	C/D	Poorly Drained	Hydric
BcC	Brinklow Channery loam, 8-15% slopes	0.20	C	Well Drained	Not Hydric
BdD	Brinklow Channery loam, 15-25% slopes	0.20	C	Well Drained	Not Hydric
GeB	Glenny channery loam, 3-8% slopes	0.20	B	Well Drained	Not Hydric

FOREST STAND DELINEATION

SPRING VALLEY SOLAR
1500 FANNIE DORSEY ROAD
SYKESVILLE, MD 21784

SCALE: 1"=100'
DATE: 4.12.2023
DESIGN: MTW
DRAWN: MTW

WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC
2770 Black Rock Road
Hanover, Pennsylvania, 17331
Phone (717)698-1937
www.wrightenvironmental.net

SHEET: 1 of 1