# PRINCE GEORGE'S ORGANIC COMPOSTING FACILITY

# **TYPE 2 TREE CONSERVATION PLAN** TCP-021-2024

6550 SE Crain Highway, Upper Marlboro, MD, 20772



INDEX MAP

SCALE: 1" = 600'

Outside of CBCA Within CBCA

		SPECIME	N TREE TAE	BLE	
Tree ID	Common Name	Scientific Name	DBH (IN)	Condition/Notes	STATL
11A	Sweet-gum	Liquidambar styraciflua	30	Good, some vines on lower trunk	SAVE
12A	Sweet-gum	Liquidambar styraciflua	32	Poor, appears dead	SAVE
13A	Tuliptree	Liriodendron tulipifera	30	Good	SAVE
14A	White oak	Quercus alba	32	Good	SAVE
15A	Northern red oak	Quercus rubra	32	Good	SAVE
16A	Sweet-gum	Liquidambar styracifiua	30	Good	SAVE
17A	Tuliptree	Liriodendron tulipifera	32	Good	SAVE
18A	Tuliptree	Liriodendron tulipifera	32.5	Good	SAVE
19A	Northern red oak	Quercus rubra	32.5	Good	SAVE
20A	Tuliptree	Liriodendron tulipifera	32, 18, 13	Fair, some frunk rot	SAVE
21A	Tuliptree	Liriodendron tulipifera	32.5	Good	SAVE

PROPERTY OWNER INFORMATION
PRINCE GEORGE'S COUNTY
6550 SE CRAIN HIGHWAY, UPPER
MARIBORO, MD, 20772
PRINCE GEORGE'S COUNTY

SITE DATA DEED REF. 29593/548 PARCEL: 019 ELECTION DISTRICT 3 EXISTING ZONING R-O-S SITE ACREAGE: #212 AC.







### QUALIFIED PROFESSIONAL CERTIFICATION

This plan complies with the current requirements of Subtitle 25 and the Woodland and Wildlife Conservation Technical Manual

Heather Tatone

Heather Tatone Coastal Resources, Inc. 25 Old Solomons Island Road Annapolis, MD 21401 443-837-2146 heathert@cri.biz

PROJECT TITLE

# PRINCE GEORGE'S ORGANIC COMPOSTING FACILITY

6550 SE Crain Highway, Upper Marlboro, MD, 20772 Prince George's County

# TYPE 2 TREE **CONSERVATION PLAN**

Г		REVISIONS	
No.	DATE	DESCRIPTION	REV. BY
П			

DESIGNED:	
DRAWN:	DE
PROJECT No.:	2019-0

1 of 5

GENERAL NOTES

1. This pain is submitted to fulfill the woodland conservation requirements for FSC 8 150-23. FFSC 8 150-23 specifies, then this Typ2 also express and is no longer usid.

2. Cutting or cleaning of woodland not in conformance with this plan or without the expressed written consent of the Painwrite Director or designes what the script to a \$50 dty are square both mitigation the content of the Painwrite Director or designes what the script to a \$50 dty are square both mitigation the content of the Painwrite Painwrite of the Painwrite Painwrite or the Painwrite Painwrite of the Painwrite Painwrite or the Painwrite P

8. The site is not adjacent to a roadway classified as arterial or greater 9. This plan is/is not grandfathered under CB-27-2010, Section 25-117 (g).

Woodland Conservation Worksheet
for Governmental and Linear Projects in Prince George's County
SECTION 1-Establishing Site Information
1 Property Description or Name Prince George's County 6 Gross Tract

7 Project Area/Limits: SECTION 2-Determining Requirements 8 Existing Woodland in Project Limits = WC 9 Woodland Cleared in Project Limits 10 Total area of woodland cleared (subject to 1:1 replacement 11 Off-Site Woodland Conservation Provided (afforestation)
12 Off-Site Woodland Conservation Provided (preservation) 13 Woodland Conservation Requirement: 1.37

SECTION 3- Meeting the Requirements 0.00 0.00 Bond amount \$ 17,903.16 15 Afforestation /Reforestation 19 Forest Enhancement Credit (Area \*.25) 20 Street Tree Credit (Existing or 10-year canopy cover
21 Prior Credit for Off-site Woodland Conservation
22 Current Credit for Off-site Woodland Conservation 23 Off-site Woodland Conservation provided (afforestation) 24 Off-site Woodland Conseration provided (preservation 25 Area Approved for Fee-in-lieu/PFA 26 Area Approved for Fee-in-lieu/non-PFA

Heather Tatorie 28 Prepared by Healther Tatione, OP NUTTEN TO 17250024

Note: The gross tractiers and project area only reflect the area of the site that is outside of the Chesapeake Bay Critical Area. 7/25/2024

General Information Table				
	Layer Name	Value		
Zone	Zoning (Zone)	R-O-S (Reserved Open Space)		
Zone	Aviation Policy Area (APA)	N/A		
Administrative	Tax Grid (TMG)	111-B2, 111-B3, 111-C2, 111-C3		
Administrative	WSSC Grid (Sheet 20)	209SE13, 209SE14, 210SE13, 210SE14		
Administrative	Planning Area (Plan Area)	82B (Mount Calvert-Nottingham)		
Administrative	Election District (ED)	3		
Administrative	Councilmanic District (CD)	9		
Administrative	General Plan 2002 Tier (Tier)	Rural		
Administrative	General Plan Growth Policy (2035)	Rural & Agricultural Areas		
Administrative	Traffic Analysis Zone (TAZ-COG)	1281		
Administrative	PG Traffic Analysis Zone (TAZ-PG)	4555		
Administrative	Police District	V		

TCP2-021-2024

Approved b

у	Date	DRD#	Reason for
	10/24/2024		

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL

Gross tract area (subject prope	rty)   216.17 AC.	195.75 AU.	20.42 AC.
Net tract a	rea 192.10 AC.	176.44 AC.	N/A
Existing 100-year floodpl	ain 24.07 AC.	19.31 AC.	4.76 AC.
Existing 100-year floodplain in Linear NRI a	rea 0.00 AC.	0.00 AC.	0.00 AC.
Linear NRI (L	OD) 12.92 AC.	5.46 AC.	7.46 AC.
Existing woodland in the floodplain (to	tal) 24.07 AC.	19.30 AC.	4.77 AC.
Existing woodland in linear NRI a	rea 2.65 AC.	1.37 AC.	1.28 AC.
Existing woodland (to	tal) 132.69 AC.	121.86 AC.	10.83 AC.
Existing PMA (to	tal) 86.21 AC.	86.21 AC	N/A
Existing PMA in linear NRI	area 0.20 AC.	0.20 AC.	N/A
Regulated streams (centerline) t	otal 18,840 LF.	17,815 LF.	1,025 LF.
Regulated streams (centerline) in linear NRI a	irea 0 LF.	0 LF.	0 LF.
Riparian (wooded) buffer up to 300' wide (to	tal) 155.23 AC.	142.26 AC.	12.98 AC.
Primary b	uffer 5.98 AC.	N/A	5.98 AC.
Secondary b	uffer 8.71 AC.	N/A	8.71 AC.

SITE STATISTICS TABLE

SHEET TITLE	SHEET NUMBER
COVER SHEET	
NOTES & DETAILS	
PLAN SHEET	3
PLAN SHEET	
PLAN SHEET	

I/We Marilyn Naumann, Prince George's Co	unty hereby acknowlege that we are aware of this Type 2
Tree Conservation Plan (TCP2) and that we un	derstand the requirements as set forth in this TCP2.
Marilyn Naumann	9/4/24
Owner or Owners Representative	Date
I/We	hereby acknowlege that we are aware of this Type 2
Tree Conservation Plan (TCP2) and that we un	derstand the requirements as set forth in this TCP2.

Forest Conservation Act Repo	rting Information	(Change Table)		
	Original	Revision	Revision	Change Since
	Approval	Number (-01)	Number (-02)	Last Approval
Gross Tract (Acres)*	195.75			
Existing Woodland (Acres)*	121.86			
Woodland Cleared (Acres)*	1.37			
Woodland Retained On-Site (Acres)**	N/A			
Woodland Planted On-Site (Acres)	N/A			
On-Site Woodland Easement/ Preservation and Planting (Acres)	1.37			
On-Site Wooded Floodplain in Easement (Acres)	N/A			
Bond Amount	N/A			
Fee-In-Lieu Amount	N/A			
50' Stream Buffers Conserved (Preservation) - Linear Length	N/A			
50' Stream Buffers Conserved (Preservation) - Acreage	N/A			
50' Stream Buffers Newly Established (Afforestation) - Linear Length	N/A			
50' Stream Buffers Newly Established (Afforestation) - Acreage	N/A			
Off-Site Woodland Conservation Credits Required (Acres)	N/A			
off our term in the contract of the contract of	41.54			

Off-Site Woodland Conservation Credits Provided (Acres)

N/A

"This table is for the area of the site subject to the Forest Conservation Act outside of the Chesapeake Bay Critical Area.

"The limits of disturbance (LOD) is considered the net tract area and all woodland within the LOD will be cleared.

-4"x3" SPLIT RAILS

-4"x4" POSTS SPACED APPROX. 8"-0" ON CENTER

TREE PRESERVATION AND RETENTION NOTES

1. As recolored designed on the part for preservation are the responsibility of the preporty

1. As recolored designed on the part for preservation are the responsibility of the preporty

minestervity registerior. A revised the consensation plan is required for the carried preservation of the required to clearing vectorid are set into are not specifically identified to be cleared on the approved TDF2.

The very device of consensation retends cont in our pumps that the conducted as noted on

The location of all temporary tree protection fencing (TPFs) shown on this plan shall be flagged

3. The location of all temporary tree protection florating (TPFs) shown on the plan shall be flagged or stated in the field upon to the pre-constitution meeting.) Upon special of the location by the county improter, trainfailten of the TPF rain plant, and the properties of the location by the county improter. The properties of the state of the properties of the state of the properties of the properties of the state of the state of the properties of the pr

### POST DEVELOPMENT NOTES

3" GALV. RING THREAD NAILS

WOODLAND CONSERVATION AREA

DETURBANCE TO SEEKUNG SHRUES ON THEES IS PROHEBITED

THESE FOR YOUR

1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
2. SIGNS SHOULD BE PROPIBLY MARKIANED.
3. AVOD NAMY TO ROOTS WENN PLACING POSTS FOR THE SIGNS.
4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PRISONNEL FROM ALL DIRECTIONS.

POISONNEL FROM ALL DIRECTIONS.

5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVIC 6. LOCATE SIGNS APPROXIMATELY EVERY 50 FEET ALONG FENGING.

7. SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF LLOD, AND REMAIN IN PLACE IN PERPETUITY.

REFORESTATION AREA SIGN

2'-0"

MIN. DEPTH 18\*

PROST DEVALOPMENT NOTES

I. If the developer valuation to longer has an interest in the property and the new owner desires to namow a hazardous tree or portion thereof, the new comes shall obtain a written statement from a Certified Arthorist of Leneader There Expert desirelying the hazardous condition and the proposed corrective imeasures prior to having the work conducted. After proper documentation has been completed per the imeasures prior to having the work conducted. After proper documentation has been completed per the imeasure prior to having the work conducted. After proper documentation has been completed per the imeasures prior to having the work of the prior to desire a form of the property of commentation has been completed per the inhabition. After the prior the property of the property of commentation has been completed per the inhabition. After the property of commentation has been completed per the property of the property of commentation has been completed per the property of the property

global as a positiois and on in pace. The removal originaring of the stumps in the shouldant consentation. 2.6 a few per position is should be presented to the present prese

Natural Resources unless the tree removal is shown within the approved limits of disturbance on a TCP2. The work is required to be conducted by a Licensed Tree Expert.

4. The removal of noxious, invasive, and non-native plant species from any woodland preservation area a. In enrolse to rotocols, measure, and non-various paint species tion any woodurin preservation arise shall be done with the use of hand-held equipment only journes or a chain say. These plants may be out near the ground and material less than two inches diameter may be removed from the area and disposed of lapporately. All material from these noxious, imastive, and non-thate plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.

5. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage ne-sprouting of invasive, noxious, or non-native plants is permitted if done as Appendix A-36 Environmental Technical Manual August 2010 A-3, TOP2-2 legal 0 na application of the chemical directly to the cut sturrig immediately following cutting of plant tops. The use of any herbicide shall be done in accordance with the table interval.

done in accordance with the label instructions.

6. The use of hainsaws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of trees

7. Reforestation fencing and signage shall remain in place in accordance with the approved Type 2 Tree Consensation Plan. S. Reforestation areas shall not be mowed; however, the management of competing vegetation and removel of noxious, investive, and non-native vegetation around individual trees is acceptable.

FOUR-YEAR MANAGEMENT PLAN FOR REFORESTATION AREAS Field check the reforestation area according to the following schedule:

Site preparation and Tree Planting

Survival check once annually (September-November) - See Note 1 Watering is needed (2 x month) Control of undesirable vegetation as needed (1 x in June and 1 x in

ear 2-3: Reinforcement planting is needed - See Note 2 Survival check once annually (September-November) Control of undesirable vegetation if needed (1 x in May and 1 x in August

Reinforcement planting if needed - See Note 2 Survival check (September -November)

Bare Root Seedlings Whins

Container Grown 1, 2, 3 Gallon

Container Grown 15, 25 Gallon or 1.5 - 2" Caliper B & B

700.000.000

NUT PROBE TOOK

NOTES:

1. RETINED AREAS TO BE ESTABLEMED AS MAY OF THE FOREST CONSERVATION
PLAN SOURCE PROCESS.

2. BOLDANDISS OF REDINED AREAS SHOULD BE STANDE, PLANSED MOD/OR
PRINCED PRIOR TO REDINED AREAS SHOULD BE STANDED, PLANSED MOD/OR
PRINCED PRIOR TO REDINED AREA

3. DIAST LOCATION OF TRECH SHOULD BE EXTRED.

3. DIAST LOCATION OF TRECH SHOULD BE EXTRED.

.OR TO TRENCHING. VTON OF TRENCH SHOULD BE IDENTIFIED. KOULD BE INMEDIALTRY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH

BE CLEARLY OUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE

ROOT PRUNING

" BHOK OF LIMIT OF DETURBACE LINE

. Survival Check: Check planted stock against plant list (or as-built) by walking the site nd taking inventory. Plants must show wtality. Submit field data forms (Condition Check theets) to owner after each inspection. Remove all dead plants.

Reinforcement Planting: Replace dead or missing plants in sufficient quantity to bring the total number of like plants to at least 75% of the number originally planted. If a particular species suffers unusually high mortality, replace with an alternative plant type Miscellaneous: Fertilization or watering during years 1 through 3 will be done on an as eeded basis. Special return operations or recommendations will be conducted on an as enoded basis.

umber Required per Acre

8 x 8

10 x 10

20 x 20

These stocking and survival requirements are the minimum numbers estimated to meet the definition of forest from bare fand. In certain crimonataness, any combination of the above mentioned stocking options, dry seeding, tree shelters, transplants, and/or natural regeneration may be appropriate strateging for fulfill the requirements of an approved TCT. They will be evaluated on a case-by-case

basis by the approving authority.

Spacing does not imply that trees or shrubs must be planted in a grid pattern.

Site Stocking

700

Survivability Requirement the end of the se

375

300

75% 525

85% 255

100% 150

NATURAL REGENERATION NOTES

All areas designated for reforestation shall be reforested by natural regeneration. The following requirements and conditions apply:

All existing turf, ground covers, and invasive species shall be exterminated using a general broadcast herbicide such as "Round-Up" or equivalent. Secondary applications shall be applied as necessary.

2. Care shall be taken to avoid spraying any hardwood seedlings or sapings.

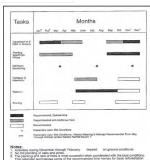
 Roto-tilling of turf areas and manual removal of invasive vines shall be completed two weeks after chemical treatments are completed.
 Reforestation signs shall be installed every fifty feet or as appropriate and two strand wire fencing shall be installed along road frontages adjacent to any

stand wire floring shall be installed along road frontages adjacent to any refrestation reason.

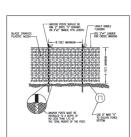
5. Reforestation inversal to the site is shall be posted as required in the direction of any tasks used to result those sees.

6. Natural reportation invalue to encouraged by some-annual maintenance of the desparated sees. The maintenance shall, at a minimum, require remoted of competities and linearies species from the deviced indigenous handwoods. This 7. After one and not years all desirable seedings and supplying shall be counted and flagged with surveyor tapic in the late fail.

8. If after two years there is less than one seedling per 60 square feet and there are indications that natural regeneration is not occurring adequately then the owners shall plant those areas with container grown seedlings at a rate of one per 95 square feet. Only naturally occurring species already present within the site shall be used.

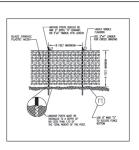


Tree Planting and Maintenance Calendar



1, FORSIT PROJECTION EDUCE, CINY,
2, ETRICHOR JANE, ILL SET IK HAY OF THE RINNER PROCESS.
3, REGULARIS OF RESISTANCE MEAS SHOULD BE STAND AND FLACOED PROFE TO INSTALLING EDUCES.
4, ROCK JOSTO DESCRIPT MANIFACTOR PORSIS,
5, EDUCE SHOULD BE PROPERTY MANIFACTOR DUCKSHOUTON
6. PROTECTION STORMER & ASSO REQUIRED.

Tasks	Jan * Pob * Mar Apr	Months	Sag Oct Nov* Dec
Transplant of 2" D6H or Greater	grant and the	DUMO(0000)	Market Comment
Planting Seedlings, Whites	151000/00000000000000000000000000000000	00.0	THE PROPERTY OF THE PARTY OF TH
Manimum Monitoring		*	*
Partitizer ()1 Needocha		The second second	
Wateres		print galactic acc	M-10.54
Pruning			
	Recommended, Optimal time		
+ + + + + + + + + + + + + + + + + + +	ring November through ing of cales and pines.	ons one: Wesley Watering is Strong key Ruinfall Equals 1	in ground conditions.



TYPE 1 (TEMPORARY) TREE PROTECTION FENCE DETAIL FOR WOODLAND PRESERVATION AREAS

		h	7
and delivery.	100mm		or T
- 3	LIMIT OF DISTURBANCE		1
SCALE: 1" = 2000'	One to VICINITY M.	AP	1

## Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-021-2024 DRD#

2. RAILS SHALL BE HUNG WITH UNIFORM HEIGHT AND SPACING.

3. REFORESTATION SIGNS TO BE ATTACHED TO WOOD POSTS EVERY SO FEET...
4. TOP OF SIGN TO BE FLUSH WITH TOP OF WOOD POST.

SIGNS TO BE ATTACHED USING 2 GALVANIZED WOOD SCREWS EACH WITH A GALVANIZED WASHER.

PERMANENT (SPLIT RAIL)TREE PROTECTION FENCE

FOR REFORESTATION AREAS

Reason for Revision

Woodland Preservation Area (WPA) (YWA) (WRA) (WRA) (WRA) Woodland
Cleared
Floodplain
(C-FP)

Woodland
Cleared OffSite (C-OS) 100-YR Net Tract Area Ex. Woodland Ex. Woodland Cleared Net Tract (C-NTA) 19.31 176.44 121.96 19.3







QUALIFIED PROFESSIONAL CERTIFICATION

requirements of Subtitle 25 and the Woodland and Wildlife Conservation Technical Manual

Heather Tatone 7/29/2024

Heather Tatone Coastal Resources, Inc. 25 Old Solomons Island Annapolis, MD 21401 443-837-2146 heathert@cri.biz

PROJECT TITLE

PRINCE GEORGE'S ORGANIC COMPOSTING FACILITY

6550 SE Crain Highway, Upper Marlboro, MD, 20772 Prince George's County

SHEET TITLE

TYPE 2 TREE **CONSERVATION PLAN** 

REVISIONS					
No.	DATE	DESCRIPTION	REV. BY		

ESIGNED:	
RAWN:	DH
PROJECT No.:	2019-06
ATE:	8/12/2024
SHEET:	
0 - 4 5	

2 of 5

