MARYLAND DEPARTMENT OF NATURAL RESOURCES

Larry Hogan, Governor
Boyd Rutherford, Lt. Governor
Joannie Haddaway-Riccio, Secretary
Alan Fisher, Deputy Secretary

April 21, 2022

Mr. Psamell O. Wilson
Packard & Associates, LLC
16220 Frederick Road
Suite 300
Gaithersburg, MD 20877

RE: Environmental Review for Valley Stream Estates, Dino Drive, Burtonsville, Montgomery County, Maryland.

Dear Mr. Wilson:

The Wildlife and Heritage Service has no official records for State or Federal listed, candidate, proposed, or rare plant or animal species within the project area shown on the map provided. As a result, we have no specific concerns regarding potential impacts to such species or recommendations for protection measures at this time. If the project changes in the future such that the limits of proposed disturbance or overall site boundaries are modified, please provide us with revised project maps 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 lori.byrne@maryland.gov or at (410) 260-8573.

Sincerely,

Lori A. Byrne

Lori A. Byrne,
Environmental Review Coordinator
Wildlife and Heritage Service

ER# 2022.0435.mo

Tawes State Office Building – 580 Taylor Avenue – Annapolis, Maryland 21401
410-260-8DNR or toll free in Maryland 877-620-8DNR – *dnr.maryland.gov* – TTY Users Call via the Maryland Relay

FOREST STAND DESCRIPTION / RATING

STAND	TOTAL AREA	DESCRIPTION	PRIORITY RATING
STAND A	1.25 AC	2-21" POPLAR, MAPLE, PINE OAK, AMERICAN HOLLY	MODERATE
STAND B	2.00 AC	2-22" RED MAPLE, PINE CHERRY, AMERICAN HOLLY	HIGH
STAND C	0.27 AC	2-12" VIRGINIA PINE	LOW
STAND D	0.66 AC	2-10" CALERY PEAR, VIRGINIA PINE	LOW / DISTURBED
TOTAL	4.18 AC		

Exhibit 11 (b)
OZAH Case No: CU 23-12

PLAN NO. 420222080

PACKARD & ASSOCIATES, LLC
16220 FREDERICK ROAD, SUITE 300
GAITHERSBURG, MARYLAND 20877
PHONE: 301-208-0250 • FAX: 301-208-1270

Plan Prepared by:
DEAN PACKARD, P.E.
Qualified Professional
Comar 08.19.06.01

FIELD SAMPLING DATA SHEET

Site Solutions, Inc.

Property Name WILLOWBROOK — Prepared By DP/EC
Stand # A — Plot# 1 — 16" TULIP POPLAR — Date of Survey 10/26/14

Tree Species
Dominant = *
Co-Dominant = **

	2-5.9" DBH	6-11.9" DBH	12-19.9" DBH	20-29.9" DBH	30"+ DBH
** TULIP POPLAR		III	IIII		
VA. PINE		5	I		
EL. CHERRY	IIII				
* RED MAPLE	IIIIIIIII	I			
HICKORY SP.	III				
RED CEDAR	III				
AM. HOLLY		I			
EL. DOGWOOD	I				
RED CEDAR		III			
Total by DBH	40	16	9	5	5

Understory Trees AM. HOLLY
Understory Shrubs AM. HOLLY
Herbaceous Species NONE
Number of Standing Dead Trees 8 (3) — Basal Area 160 — # of Canopy Layers 1
Comments

FOREST STRUCTURE ANALYSIS

	1	2	3	4	5	% Yes
% Canopy Closure		✓	✓		✓	60
% Herbaceous Cover						5
% Understory Cover			✓	✓		40
% Downed Woody Debris	✓	✓	✓	✓	✓	100 (3)
% Invasive Cover				✓		20

FOREST STRUCTURE VALUE 9 – GOOD STRUCTURE
WATER SIGNIFICANCE
Additional Comments FIELD VERIFIED 3/17/2022
NRI PLAN NO. 420150980 APPROVED 05/11/2015.
* DOMINANT SPECIES
** CO-DOMINANT SPECIES

FIELD SAMPLING DATA SHEET

Site Solutions, Inc.

Property Name WILLOWBROOK — Prepared By DP/EC
Stand # B — Plot# 2 — 15" TULIP POPLAR — Date of Survey 10/27/14

Tree Species
Dominant = *
Co-Dominant = **

	2-5.9" DBH	6-11.9" DBH	12-19.9" DBH	20-29.9" DBH	30"+ DBH
TULIP POPLAR					
* RED MAPLE	68	20 UNKNOWN III			
HICKORY SP.	IIII	III			
WHITE OAK					
RED CEDAR					
VA. PINE		III			
MISC. HOLLY					
AM. HOLLY					
Total by DBH	76	35	5	5	0

Understory Trees RED CEDAR, EL HOLLY, MISC HOLLY
Understory Shrubs AM. HOLLY, MISC HOLLY
Herbaceous Species NONE
Number of Standing Dead Trees 10 (3) — Basal Area 80 — # of Canopy Layers 1
Comments

FOREST STRUCTURE ANALYSIS

	1	2	3	4	5	% Yes
% Canopy Closure		✓	✓	✓	✓	80
% Herbaceous Cover						N/A
% Understory Cover		✓		✓		40
% Downed Woody Debris	✓	✓		✓	✓	80 (3)
% Invasive Cover						0

FOREST STRUCTURE VALUE 9 – GOOD STRUCTURE
WATER SIGNIFICANCE
Additional Comments FIELD VERIFIED 3/17/2022
NRI PLAN NO. 420150980 APPROVED 05/11/2015.
* DOMINANT SPECIES
** CO-DOMINANT SPECIES

FIELD SAMPLING DATA SHEET

Site Solutions, Inc.

Property Name WILLOWBROOK — Prepared By DP/EC
Stand # B — Plot# 3 — 6" RED MAPLE — Date of Survey 10/27/14

Tree Species
Dominant = *
Co-Dominant = **

	2-5.9" DBH	6-11.9" DBH	12-19.9" DBH	20-29.9" DBH	30"+ DBH
* RED MAPLE	IIIII	IIII	III		
TULIP POPLAR					
AM. HOLLY					
EL. CHERRY					
HICKORY SP.					
RED CEDAR					
EL. DOGWOOD					
Total by DBH	17	16	10	0	0

Understory Trees S. CHERRY, AM. HOLLY, EL DOGWOOD, RED CEDAR
Understory Shrubs BARBERRY, MISC HOLLY
Herbaceous Species JAP. HONEYSUCKLE, MULTIFLORA ROSE, GREEN BRIER
Number of Standing Dead Trees 4 (3) — Basal Area 150 — # of Canopy Layers 1
Comments

FOREST STRUCTURE ANALYSIS

	1	2	3	4	5	% Yes
% Canopy Closure	✓	✓	✓		✓	80
% Herbaceous Cover						N/A
% Understory Cover			✓			40
% Downed Woody Debris		✓		✓	✓	80 (3)
% Invasive Cover			✓	✓		40

FOREST STRUCTURE VALUE 10 – GOOD STRUCTURE
WATER SIGNIFICANCE
Additional Comments FIELD VERIFIED 3/17/2022
NRI PLAN NO. 420150980 APPROVED 05/11/2015.
* DOMINANT SPECIES
** CO-DOMINANT SPECIES

FIELD SAMPLING DATA SHEET

Site Solutions, Inc.

Property Name WILLOWBROOK — Prepared By DP/EC
Stand # B — Plot# 4 — 12" TULIP POPLAR — Date of Survey 10/27/14

Tree Species
Dominant = *
Co-Dominant = **

	2-5.9" DBH	6-11.9" DBH	12-19.9" DBH	20-29.9" DBH	30"+ DBH
TULIP POPLAR					
* RED MAPLE	IIIII	IIII	III		
RED OAK					
EL. CHERRY					
AM. HOLLY	I				
HICKORY SP.					
Total by DBH	26	8	5	0	0

Understory Trees AM. HOLLY, MISC. HOLLY
Understory Shrubs BARBERRY, MISC. HOLLY
Herbaceous Species NONE
Number of Standing Dead Trees 7 (3) — Basal Area 160 — # of Canopy Layers 1
Comments

FOREST STRUCTURE ANALYSIS

	1	2	3	4	5	% Yes
% Canopy Closure	✓	✓	✓		✓	80
% Herbaceous Cover						N/A
% Understory Cover		✓		✓		40
% Downed Woody Debris	✓	✓	✓	✓	✓	100 (3)
% Invasive Cover			✓		✓	40

FOREST STRUCTURE VALUE 9 – GOOD STRUCTURE
WATER SIGNIFICANCE
Additional Comments FIELD VERIFIED 3/17/2022
NRI PLAN NO. 420150980 APPROVED 05/11/2015.
* DOMINANT SPECIES
** CO-DOMINANT SPECIES

PACKARD & ASSOCIATES LLC.
CIVIL ENGINEERS * SURVEYORS * LAND PLANNERS
16220 FREDERICK ROAD, SUITE 300
GAITHERSBURG, MARYLAND 20877
PHONE (301) 208-0250 FAX (301) 208-1270

DATE | DESCRIPTION
REVISIONS

NATURAL RESOURCE INVENTORY / FOREST DELINEATION PLAN
CONDITIONAL USE
BROOKSTONE SENIOR LIVING
OUTLOT A, BLOCK B, VALLEY STREAM ESTATES
RECORDED IN PLAT 23347 AND LIBER 46830 AT FOLIO 124
BURTONSVILLE ELECTION DISTRICT No. 5 MONTGOMERY COUNTY, MARYLAND

OWNER
ELDERHOME LAND, LLC
P.O. BOX 310
ASHTON, MD 20861

SCALE	DRAWN
NA	PW
CHECKED	DATE
DP	12/07/22

ACAD FILE NAME
JOB NO.
DRAWING NO.
SHEET 4 OF 19