

INDEX OF DATA RESOURCES

INFORMATION	SOURCE
Zoning	www.PGAtlas.com
Plat	http://plats.net/pages/index.aspx
Approved floodplain delineation	http://www.princegeorgescountymd.gov/sites/DPIE/Resources/Forms/SiteRoad%20Plan%20Review%20Forms/DPIE.FloodplainInformationRequest.7.1.15.pdf
Soil Map/Reports	http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm#
How to prepare a Soils Report	See Appendix B-1
Sample Wetland Report	See Appendix B-1
Tier II Waters	www.PGAtlas.com OR http://www.mde.state.md.us/programs/Water/TMDL/Water%20Quality%20Standards/Pages/HighQualityWatersMap.aspx
National Wetlands Inventory (NWI) map, the MDDNR Wetland Guidance Map	https://www.fws.gov/wetlands/ OR http://www.mdmerlin.net/ http://www.mdmerlin.net/ OR www.PGAtlas.com
Wetlands of Special State Concern	www.PGAtlas.com OR http://www.mdmerlin.net/
Stronghold Watershed	www.PGAtlas.com OR http://www.mdmerlin.net/
Sensitive Species Protection Review Area	www.PGAtlas.com OR http://www.mdmerlin.net/ OR http://dnr2.maryland.gov/wildlife/Pages/plants_wildlife/espaa.aspx
Forest Interior Dwelling Species Habitat	www.PGAtlas.com OR http://www.mdmerlin.net/
Previously approved TCP(s)	www.PGAtlas.com
Scenic and/or Historic Roads	www.PGAtlas.com
Maryland Inventory of Historic Properties	https://mht.maryland.gov/secure/medusa/
National Register Properties:	https://mht.maryland.gov/secure/medusa/ ; www.PGAtlas.com
Registered Historic District	www.PGAtlas.com
Historic Sites and Districts	www.PGAtlas.com
Archeological Sites	M-NCPPC Historic Preservation Section
Marlboro clay	www.PGAtlas.com
Christiana Clay	http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm#
Master Planned Road	www.PGAtlas.com
Chesapeake Bay Critical Area Overlay Zone	www.PGAtlas.com OR http://www.mdmerlin.net/ OR http://webmaps.esrgc.org/cbca/desktop/Map
Aviation Policy Area	www.PGAtlas.com
JB Andrews Noise Contours	www.PGAtlas.com
Subtitle 5B (CBCA) allowable lot coverage	5B-113(e)(4) for I-D-O 5B-114(e)(8) for L-D-O 5B-115(e)(10) for R-C-O
Subtitle 27 (Zoning) allowable lot coverage	27-442(c)

APPLICATION FORM FOR NRI EQUIVALENCY LETTER ONLY

APPLICANT TO FILL OUT THIS SECTION

Owner Name and Address:	Agent/Contact, Company, Address, Phone and E-mail (all required) :
	Signature: _____ Date: _____

PROPERTY OR PROJECT NAME:		
Street Address:		
Previous Applications (NRI, TCP1, or TCP2):		
Previous DRD applications: (Preliminary Plan, Site Plan, or Special Exception):		
Total Area (acres):	Tax Account #:	WSSC Grid:
Lot/Block/Parcel:	Current Zone:	Environmental Strategy Area (ESA) (Plan 2035): ___1___2___3___4
Proposed Activity:		

Will the proposed project require a DRD application? (Preliminary Plan, Site Plan, or Special Exception) __Y__ __N__

NRI EQUIVALENCY LETTER CHECKLIST: each box must either be checked or listed as "N/A" for not applicable

<i>For Project Type 1 and 2</i>	<i>For Project Type 1 only:</i>	<i>Project Type 2 only</i>
___ (1) copy of a proposed Site Plan showing existing conditions (signed) ___ (2) copies of any other information provided by the applicant and listed here: ___(3) Coversheet	If Exempt from Woodland Conservation, submit one of the following: ___ Application for Letter of Exemption, or ___ Copy of a previously Issued Letter of Exemption (Standard or Numbered)	If subject to Woodland conservation: ___ (1) copy of approved TCP2 (if applicable). CBCA #: _____ Other: _____

RESPONSE (TO BE COMPLETED BY EPS STAFF)

Date Received: _____ Reviewed for Acceptance by: _____ NRI No.: _____

Reason for return of the package: _____ Date Returned: _____

Dated Accepted: _____ Reviewer Assigned: _____ Due Date: _____ (30 days from acceptance date)

This **APPROVAL for the above referenced project and location** is based upon information using the submitted proposed site plan and the most current color imagery aerial photography and the PGAtlas.com environmental layers. If the scope of the proposed activity or limits of disturbance change significantly, a full NRI may be required. This letter is valid for five years from the date of issuance, or until such time as a different development activity is proposed, whichever comes first. The submitted request was found to meet the following checked criteria.

	The site qualifies for a Standard or Numbered Letter of Exemption from the Prince George's County Woodland and Wildlife Habitat Conservation Ordinance.
	The site has a previously approved and implemented Type Tree Conservation Plan ().
	The submitted proposed site plan, dated _____ and prepared by _____ demonstrates that no regulated environmental features are located on the subject site or no on-site regulated environmental features will be impacted.
	The submitted proposed site plan dated _____ and prepared by _____ shows that the proposed work will not result in any significant changes to the limits of disturbance of the previously approved TCP _____ or create any additional impacts to any regulated environmental features.
	The site is within the Chesapeake Bay Critical Area Overlay Zone and the submitted site plan demonstrates that the proposed activity will result in less than 500 square feet of disturbance, or no variance is required.
	(Other)

A FLOODPLAIN STUDY MAY BE REQUIRED AT THE TIME OF STORMWATER CONCEPT REVIEW.

Preparer Initials: _____ Planner Initials: _____

Approval Date: _____ Expiration Date: _____

APPLICATION FORM FOR NRI PLAN ONLY

APPLICANTS DO NOT WRITE IN THIS SPACE

Date Received: _____ Reviewed for Acceptance by: _____ NRI No.: _____
 Application Package Complete: YES NO (incomplete applications must be returned) Date Returned: _____
 Reason for return of the package: _____
 Agent/Contact Notified: _____ (date) VIA _____ (method)
 Dated Accepted: _____ Reviewer Assigned: _____ Due Date: _____ (30 days from acceptance date)

APPLICANT TO FILL OUT ALL REMAINING SECTIONS

APPLICATION TYPE: <input type="checkbox"/> Full Plan <input type="checkbox"/> Intermediate Plan <input type="checkbox"/> (Limited Government or Linear) Plan <input type="checkbox"/> CBCA Plan		
PROPERTY OR PROJECT NAME:		
Geographic Location (related to or near major intersection):		
Street Address:		
Companion Case(s) and/or Previous Approvals: (TCP1, TCP2, Preliminary Plan, Site Plan, or Special Exception)		
Total Area (acres):	Tax Account #:	WSSC Grid:
Lot Numbers/Blocks/Parcels:	Current Zone:	Planning Area:
Environmental Strategy Area (ESA) (Plan 2035): <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Watershed:	Overlay Zone:
Proposed Use of Property and/or Future Request:		

NRI PACKAGE CONTENTS CHECKLIST: each box must either be checked or listed as "N/A" for not applicable

_____ (1) copy of the NRI Preparation Checklist (signed)	_____ (2) copies of the Wetlands Study Text (signed) _____ (2) copies of RTE Letter or Request to DNR	_____ (2) copies of the FSD Text (signed)
_____ (3) copies of the NRI Plan (signed)		
_____ (2) dated copies of the USDA NRCS Web Soil Survey (WSS) Custom Soil Resource Report	_____ (2) copies of the approved 100-year Floodplain Source and notations on the NRI Plan stating the source	_____ (2) copies of any other information provided by the applicant (and listed here):

Applicant Name and Address: Owner Name and Address:	Agent/Contact Person, Company Name, Address, Phone Number, Fax and E-mail (all required) :
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SIGNATURE (Signature required is either the property owner OR the property owner's authorized representative)

Signature: _____ Date: _____ Relationship to Property Owner: _____

Printed Name: _____

**NRI CHECKLIST
FOR PREPARATION AND REVIEW OF
FULL, INTERMEDIATE AND LIMITED
NATURAL RESOURCE INVENTORIES**

Site/Project Name: _____ Date: _____

Prepared by: _____
 Typed name Signature

 Phone e-mail address

The type of application must be checked below and the information provided must be in accordance with Part B, "Guidelines for the Preparation, Review, and Approval of Natural Resource Inventories" found in the "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual."

FULL – the plan must show all features within the full legal boundaries of the site to 100 feet outside of the legal boundaries.

INTERMEDIATE – the proposed limit of disturbance must be 10% or less than the overall acreage of the site; must show all features within the proposed LOD to 100 feet outside of LOD).

LIMITED – the project must be a government or linear project; must show all features within the proposed limit of disturbance (LOD) to 100 feet outside of LOD)

CBCA – applies to any land fully or partially within the Chesapeake Bay Critical Area (CBCA); CBCA information is only shown for the portion of land within the CBCA. The land area outside of the CBCA must show existing features consistent with a Full, Intermediate, or Limited NRI. The application and plan must include all of the information below.

A Natural Resource Inventory Plan submission package includes, at a minimum, an NRI plan, FSD text, an application form, a completed checklist, and, if applicable, a wetland study or floodplain study as provided or approved by Prince George's County. ~~For guidelines on the preparation of Natural Resource Inventory plans and the submission of NRI application packages, refer to Part B, "Guidelines for the Preparation, Review, and Approval of Natural Resource Inventories" found in the "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual."~~

All lines on the checklist must either be checked or marked as "N/A" for not applicable. Use N/A for features that do not exist on or adjacent to the subject property. If a feature is not shown, provide a comment regarding why that feature is not shown.

Site/Project Name: _____ Date: _____

Prepared by: _____
 Typed name Signature

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Phone

e-mail address

I. Natural Resource Inventory Plan

Information Type	Included Y/N	Comment
A General Information		
Plan labeled as a Natural Resource Inventory Plan.		
A vicinity map showing the location of the site in relation to major and adjacent roadways at a minimum scale of 1"=2000'. The vicinity map should include a north arrow and a scale.		
A plan view showing the entire legal boundaries of all lot(s) and/or parcel(s) included in the application at a minimum scale of 1" = 100'.		
Deeds verifying recorded property boundaries only if the property boundaries do not match the state property layer or the County GIS property layer.		
A table of site-Existing sStatistics Table that includes the total of: the total-gross tract acreage of the subject property; the total floodplain acreage; net tract acreage; of woodland acreage in -on-site; the total-acreage of floodplain-on-site; woodland acreage on net tract; and the total-acreage of woodland acreage total; Primary Management Area (PMA) acreage; regulated streams in linear feet; and riparian (wooded) stream buffer up to 300 feet wide measured from the stream centerline or top of each bank). within the floodplain-on-site. All acreages-values should be to the nearest hundredth-of-an-aere. For CBCA, include Primary Buffer, Secondary Buffer and woodland total shall include developed woodland		
General Information Table		
Topographic contours (interval = 2 feet).		
All existing structures and site features including cultural features, historic sites and easements ; and any visible foundations or ruins.		
historic resources, cemeteries, archeological sites, existing buildings and foundations, as well as paving and man-made landforms such as terracing		
When present on the property, identification and location of agricultural lands, surface mining sites, dredging activity and dredge material disposal		
** Subtitle 27 Lot coverage in square feet (CBCA only)		
** Subtitle 5B Lot Coverage in square feet (CBCA only)		
All existing utilities, utility easements and Master Planned rights-of-way.		
Legend containing all features shown on the plan. (Using EPS standard symbols)		
A north arrow and scale.		
Labels and shading (Per EPS Standards)		
Qualified professional certification with name, address, phone number, email, stamp (if applicable), signature, and date of plan certification on each sheet. The qualified Professional's valid seal may be used instead of the certification block.		
General notes section that follows the standard note language with information (see p. 4 of this checklist).		
M-NCPPC NRI signature approval blocks on each sheet of the NRI plan (EPS standard for NRI)		
* Required for all land outside of CBCA		
** Required for all land within CBCA		

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historic resources, cemeteries, archeological sites, existing buildings and foundations, as well as paving and man-made landforms such as terracing

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I. Natural Resource Inventory Plan (continued)

Information Type	Included Y/N/NA	Comment
B Environmental Features		
Banks of all regulated streams or a centerline if the banks are too close together.		
* Location of stream buffers.		
* Location of the Primary Management Area.		
Location of all wetlands and wetland buffers.		
Location of expanded wetland buffers.		
Delineation of the approved 100-year floodplain.		
Location of rare, threatened or endangered species habitat.		
** Location of mean high water line of all tidal waters (CBCA only)		
** Field delineated location of the landward edge and description of the extent of tidal wetlands, including the delineation of State and private tidal wetland boundaries (CBCA Only)		
** Critical Area Primary Buffer (CBCA Only) Existing environmental features extending off the property 100 feet in all directions.		
** Critical Area Secondary Buffer (CBCA Only)		
C Soil and Slope Information		
Locations of mapping units within each soil series shown on the plan to scale, using standard soils boundary symbol per EPS standards.		
Table stating the mapping unit name and the soil series, erodibility (K-factor), and hydric characteristics.		
Location of steep slopes (15% and greater) clearly shown on the plan and in the legend.		
D Forest Stand Delineation Information (to be shown on the plan)		
Existing woodland and individual trees outside of woodland areas on the property and extending off the property 100 feet in all directions.		
Forest stand boundaries and stand acreages to the nearest one-hundredth of an acre.		
Field sample point locations in adequate numbers and locations to delineate separate stands.		
Locations of specimen, champion and historic trees and their critical root zones.		
Table of specimen, champion and historic trees stating field flag number, common name, scientific name, size (in dbh), condition, and condition comments.		
Location of Forest Interior Dwelling Species (FIDS) habitat and associated 300 foot-wide buffer.		
Forest stand summary table including all required information.		
* Required for all land outside of CBCA		
** Required for all land within CBCA		

II. Wetland Study Information

Feature	Included	Comment
A Wetland Delineation Map Features		
Location of all regulated streams and wetlands on site and within 100 feet of the subject property.		
Map showing the All wetland sample points and flagged delineations.		
Note stating whether the flagging points are based on field or survey locations. (include in note general 6)		
Topographic contours (interval = 2 feet).		
Plan prepared at the same scale at which the NRI plan was prepared.		
Prepared, signed, and dated by a professional who has completed an USACOE approved training course in wetland delineation. This is a separate signature if different from the qualified professional who prepared the information listed in Section's I and III		

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B	Wetland Study		
	Study text and data sheets for each sample point, (signed and dated) , (See sample report)		
	Color Photocopies of the NWI map, the MDDNR Wetland Guidance Map, and the soil survey (<i>Note: if a wetland study is not required, these photocopies should be included in the Forest Stand Delineation Report</i>).		
	Prepared, signed, and dated by a professional who has completed an USACOE approved training course in wetland delineation.		

III. Forest Stand Delineation Text (Report must include ALL of the following)*

Feature	Included Y/N	Comment
A		
Narrative that briefly describes the forest conditions, including:		
		A statement indicating the sampling methodology used for data collection.
		A statement of the existing condition of each stand.
		Stand structure, forest structure, retention potential and comments on history of the stand.
		Description of other environmental features which may impact decisions on forest retention.
		Prepared by a licensed landscape architect, licensed forester or a current MDDNR qualified professional, and signed and dated by that person. If this person differs from the qualified professional submitting the NRI plan, the Forest Stand Delineation text must also be signed and dated by the qualified professional submitting the NRI plan.
		<i>If a wetland study is not required</i> , color photocopies of the NWI map, the MDDNR Wetland Guidance Map, and the soil survey (otherwise, these materials should be included with the wetland study).
B		
Field data sheets,* including:		
		Diameter and species of trees sampled.
		Number of living trees and dead trees per acre.
		Percent canopy closure and number of species in canopy.
		Percent of understory coverage (3'-20'), dominant understory species, number of species.
		Percent of herbaceous coverage (0'-3'), dominant herbaceous species, number of species.
		Percent of invasive species in canopy, understory, and herbaceous including species present.
		* "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual", Appendix A-1 or equivalent.
C		
Forest analysis worksheets**for each stand including:		
		Structure analysis
		Condition analysis
		Location analysis
		Stand function
		Forest retention summary analysis (Summary table of ALL stands must be shown on the plan)
		** "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual", Appendix A-1 or equivalent.

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D	Stand summary sheets*** including:		
	Dominant/Codominant species.		
	Successional stage		
	Basal area in s.f. per acre		
	Size class of dominant species		
	Percent canopy coverage		
	Number of tree species per acre		
	Common understory species per acre		
	Percent of understory cover 3' to 20' tall		
	Number of woody plant species 3' to 20' tall		
	Common herbaceous species 0' to 3' tall		
	Percent of herbaceous and woody plant cover 0' to 3' tall		
	List of major invasive plant species and percent of cover		
	Number of standing dead trees 6"DBH or greater		
	Forest Structure Rating Score		
*** "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual", Appendix A-1 or equivalent.			

NATURAL RESOURCE INVENTORY – GENERAL NOTES

The following notes must be provided on all Natural Resource Inventories with all blanks filled in.

1. This site is zoned (insert zone) and is located in ~~the Environmental Strategy Area (insert area Rural/Developing/Developed) Tier as defined in accordance with in the Approved General Plan 2035.~~
2. The source of the property boundaries on this plan is from (state source as state property layer, deeds, or boundary survey.) (If deeds- list Liber and Folio and provide copies).
3. The topography shown on this plan is from (state source, date, and manner in which the information was obtained).
4. The source of the soils information on this plan is from the 1) USDA NRCS Web Soil Survey (WSS) in a Custom Soil Resource Report for an Area of Interest (AOI) established for the subject site only and generated on (include date report was generated); and 2) current Prince George's Soil Conservation District Soil Erosion and Sediment Control – Pond Safety Reference Manual.
5. The ~~county~~ regulated 1-percent annual chance (100-year) floodplain information on this plan approved by the Prince George's Department of Permitting, Inspections and Enforcement, is from (state source), from choices below):
 - a) ~~If the source is a floodplain easement less than 10 years old, then provide a copy of the easement and provide the easement recordation information. Such as "... an easement recorded in the land records at (list Liber and Folio)."~~
 - b) ~~If the source is a watershed study, then provide the name of the study and relevant plate number. Such as "... (Insert watershed study name) watershed study, plate number (insert plate number)."~~
 - e) ~~If the source is a floodplain study prepared by DER, then provide the number and date of approval. Such as "... DER Floodplain Study Number (insert number), approved (insert date)."~~
 - d) ~~If the source is a floodplain study prepared by an engineer and approved by DER, then provide the number, the name of the engineering firm responsible for preparing the study, and the date of approval. Such as "Floodplain Study Number (insert number), prepared by (insert name of engineering firm), approved by DER (insert date)."~~
 - e) ~~If the source is a delineation prepared by an engineer that has not yet been approved by DER, then provide the name of the engineer, and the engineering company responsible for the delineation, and a statement regarding their qualifications to do so, such as: "... a delineation prepared by (insert name of engineer and qualifications—for example Tom Jones, P.E., water resources engineer), (insert company name). An approved floodplain study may be required during subsequent development review processes." This statement must be accompanied by the engineers seal and signature adjacent to this note on the plan.~~

OR, if no floodplain is located on-site, use the following note:

In a letter dated (enter date), the Prince George's County Department of Permitting, Inspections and Environment stated that ~~No~~ county regulated 100-year floodplain is located on-site, per (state source from choices below):

- a) ~~If verified in writing by DER, then provide the date of verification and a copy of the letter. Such as "... DER letter of verification dated (insert date)."~~
- b) ~~If no county regulated 100 year floodplain is located on site because the drainage area to the site is less than 50 acres, then provide the name of the engineer, and the engineering company responsible for determining the drainage area, and a statement regarding their qualifications to do so, such as: "... a drainage area of less than 50 acres as verified by (insert name of engineer and qualifications—for example Tom Jones, P.E., water resources engineer), (insert company name). Written verification from DER may be required during subsequent development review processes." This statement must be accompanied by the engineers seal and signature adjacent to~~

–July March,

~~this note on the plan:~~

6. The wetland and stream information on this plan is from a study prepared by (state name of professional qualified to prepare the study) ~~in a study and~~ dated (state date of preparation of the study).
OR, if no wetlands or streams are located on-site, use the following note:
No wetlands or streams are located on-site as field verified by (state name of professional qualified to make such a determination in the field).
7. This site (does/ does not) contain Wetlands of Special State Concern as defined in COMAR 26.23.06.01.
8. This site (is/ is not) located within a Tier II catchment area and-(does/ does not) contain a Tier II waterbody as defined in COMAR 26.08.02.04. *OR, if the subject property is within a Tier II catchment area add the following note. PGSCD reserves the right to restrict disturbance to any onsite or offsite Tier II buffer.*
9. This site (is/ is not) located within a Stronghold Watershed as established by the MD DNR.
10. This site (is/is not) within a Sensitive Species Protection Review Area based on a review of the SSPRA GIS layer prepared by the Heritage and Wildlife Service, Maryland Department of Natural Resources.
OR, if a letter has been obtained from the Maryland Department of Natural Resource Natural Heritage Program, use the following note:
In a letter dated (insert date) the Maryland Department of Natural Resource Natural Heritage Program has determined (insert information from the letter).
11. The site (does/does not) include Forest Interior Dwelling Species habitat.
12. The site is not subject to a previously approved TCP.
OR, if the subject property is subject to a previously approved TCP/TCP's use the following note:
The site is subject to previously approved TCP's. Previously approved TCP's include: (state TCP identification number/s).
13. There are (state the number of trees) specimen, champion and/or historic trees located on the property. These trees were located using (state method of location - field observations or surveyed locations).
OR, if there are no specimen, champion or historic trees on the property use the following note:
There are no specimen, champion or historic trees located on the property.
14. The subject site is/is not with a Scenic Resources Policy Area (insert name of area).

if site is within a Scenic Resources Policy Area, add the following: Development within this area is subject to applicable Scenic Resource Policy Area standards.
- ~~15.~~ There are no scenic or historic roads located on or adjacent to this property.
OR, if scenic or historic roads are located in the vicinity of the subject site use the following note:
The site is (describe location – abutting, adjacent to, etc. – insert name of road), a designated (list designation as scenic, historic, or both) road in the vicinity of the property.
- ~~16.~~ The subject property is not located within a Registered Historic District.
OR, if the subject property is located within a Registered Historic District use the following note:
(The subject property/ a portion of the subject property) is located within the (state the name and inventory number of the Registered Historic District).
- ~~17.~~ There are no known archeological sites located on the subject property; however, the subject property has not been surveyed for archeological resources and a Phase I archeology report may be required during subsequent development review processes.
If the subject property has a known archeological site use the following note:
Archeological site (insert registration number), registered with the state is located on-site. Further archeological investigations (Phase II or Phase III) may be required during subsequent development review processes.
- ~~18.~~ Marlboro clay and Christiana clay are not found to occur on or within the vicinity of this property.
OR, if Marlboro clay or Christiana clay are mapped on or in the vicinity of the subject property use the following note:

~~July~~March,

Marlboro clay (and/or Christiana clay) is/are found to occur on or within the vicinity of this property. ~~As such, the property may be subject to regulation by Section 24-131 of the Subdivision Regulations. A geotechnical report in accordance with the DPIE's Geotechnical Guidelines for Soil Investigations and Reports for Site/Road Grading Permits in or near Over-consolidated Clays may be required during subsequent development processes.~~

~~1819.~~ The site is not located in the vicinity of any master planned roadway designated as arterial or higher.

OR, if the site is located in the vicinity of a master planned roadway designated as arterial or higher use the following note.

The site is located in the vicinity of (abutting/ adjacent to - name of road), a master planned (state designation - arterial or higher) roadway that is regulated for noise. A noise study may be required during subsequent development review processes.

~~1920.~~ The subject property is not located within the ~~2009~~ ~~Air Installation Compatible Use Zone (AICUZ) Study for Joint Base Andrews Air Force Base Noise Contours.~~

OR, if the property is located within the AICUZ noise contours, use the following note:

(The subject property/ a portion of the subject property) is located within the (dba level) dba noise contour as found in the ~~2008-2009 Air Installation Compatible Use Zone (AICUZ) Study for Joint Base Andrews Noise Contours Air Force Base.~~

~~2021.~~ The site is not located within an Aviation Policy Area (APA).

OR, if the property is located within an APA area use the following note:

The site lies within the Aviation Policy Area (APA) of (insert airport name) Airport and is subject to compliance with APA regulations under CB-51-2002.

~~2122.~~ The site is not located within the Chesapeake Bay Critical Area (CBCA).

OR if the property is located within the CBCA use the following note:

The site lies within the (insert CBCA designation as L-D-O, R-C-O, or I-D-O) overlay zone of Chesapeake Bay Critical Area (CBCA).

~~2223.~~ An approved NRI is valid for five years from the date of signature by staff, or until information used to prepare the NRI changes. NRIs will be required to be revised and re-approved if the base information changes significantly. Approval of this NRI in no way imparts any other development application approvals.

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ADDITIONAL NOTES (if applicable)

Sites with current or previous mining activity

24. Because of previous mining activity on this site, a soils report may required as part of any development application for the subject property. The study shall clearly define the limits of past excavation and indicate all areas where fill has been placed. All fill areas shall include borings, test pits, and logs of the materials found. Borings and test pits in fill areas shall be deep enough to reach undisturbed ground.

Intermediate and Limited NRI's only

25. The entirety of this property was not analyzed as part of this NRI. Future applications showing disturbance outside the limits of this NRI may be required to submit more information and/or a Full NRI.

Site Statistics Table

Site statistics are required to be shown on the plan for several of the environmental features outlined in in Section 3. These statistics need to be shown on the plan in table form.

Table 5. Natural Resources Inventory Statistics Table

<u>Existing Site Statistics</u>	<u>Total¹</u>
<u>Gross tract area</u>	
<u>100-year floodplain</u>	
<u>Net tract area</u>	
<u>woodland² in the floodplain</u>	
<u>woodland² net tract</u>	
<u>woodland² total</u>	
<u>PMA</u>	
<u>Primary Buffer³</u>	
<u>Secondary Buffer³</u>	
<u>Regulated streams (linear feet of centerline)</u>	
<u>Riparian (wooded) buffer up to 300 feet wide⁴</u>	

¹Figures are to be provided in acres rounded to the nearest 1/100th of an acre unless otherwise indicated.

²For woodland within the CBCA, this also applies to developed woodland

³Applies to CBCA NRIs only

⁴Acres of onsite woodland up to 300 feet measured from the stream centerline or from the top of bank on both sides of all regulated streams

NRI Plan Approval Block

Prince George's County Planning Department, M-NCPPC			
Environmental Planning Section			
NATURAL RESOURCES INVENTORY PLAN APPROVAL			
NRI-xxx-xxxx			
	Approved by	Date	Reason for Revision
00			N/A
01			
02			
03			
04			
05			
06			

Suggested Format for Wetland Delineation Study

Wetland Study

for

Name of Project

Prepared for:

Name of Developer or Owner

Address

Phone Number

Prepared by:

Name of Consultant or Preparer

Address

Phone Number

Fax Number

Email address

Certification

Certification statement by qualified professional

Signature _____ Date _____

I. SITE LOCATION AND CONDITIONS

Description of the property including the area, location and relationship to the nearest major road, current use, and adjoining uses. Description of any structural remains or existing constructed features on-site.(Include ADC Map or other location map at the end of report)

Latitude and Longitude coordinates provided as required by the United States Army Corps of Engineers, for the purpose of providing a jurisdictional determination.

II. EQUIPMENT USED

Description of the equipment used in the on-site assessment of the property, to determine the findings reported on the data sheets.

III. METHODOLOGY

Description of the prescribed methodology cited in the current U.S. Army Corps of Engineers, Wetland Delineation Manual. Include a brief description of the analysis performed using this methodology. In addition to confirming or denying the presence of wetlands on the property, other regulated waters such as ponds, lakes, streams, and rivers should also be evaluated. Describe the number of data sheets completed during the field delineation to document both wetland and non-wetland characteristics encountered. Data points must be shown on the Wetland Delineation Plan.

(Include all data sheets and photos in Appendix A)

IV. RESEARCH OF AVAILABLE DOCUMENTS

A. National Wetland Inventory Map

The National Wetland Inventory (NWI) is a United States Fish and Wildlife Service document that correlates the use of aerial photographs with limited on-site analysis. Cite the NWI map for the property and indicate any presence of wetland classifications per the map and their descriptions. (Include the NWI map at the end of the report).

B. Prince George's County Soil Survey

Description of soil types and source, (Prince George's County Soils Survey) Reference the soils table and soils map for the subject property. (Included at the end of the report).

C. United States Geological Survey Topographic Maps

Description of the United States Geological Survey's (USGS) topographic map for the property and any significant features. (Include the USGS topographic map for the subject property at the end of the report).

D. Maryland Non-tidal Wetland Guidance Maps

Describe any locations of "Wetlands of Special State Concern" shown on the Wetland Guidance Map provided by the Maryland Department of Natural Resources (DNR) for Prince George's County. Report any of these special wetlands located on and within one (1) mile of the subject property. If none are present, a statement should be made to this fact. (Include Wetlands of Special State Concern Map at the end of the report).

E. Photographs

Describe the color photographs taken at various locations to document the existing site conditions. (Include all photos in the Appendix). The location of each photo and the direction the photo was taken should be illustrated on the Wetland Delineation Plan or on a separate photo exhibit.

IV. ON-SITE ASSESSMENT

A. Hydrology

List the named watershed and the associated tributary. Describe all confirmed hydrology on the site. Include descriptions of all isolated wetland areas and where they are located. If a representative from the Maryland Department of the Environment (MDE) has been to the site and confirmed that any of the areas described are not jurisdictional, this should be noted along with the name of the MDE representative and the date of their site visit. Descriptions of any man-made ditches should also be included.

B. Soils

Describe all soil samples taken throughout the site. Describe indicators of the presence or absence of anaerobic soil conditions. Verify whether the soils found on-site match the mapped soils shown on the current Prince George's County soils survey. The soils found on the property should be described on the data sheets included in Appendix A.

C. Vegetation

Describe all of the vegetation found on the site. Describe the indicator status of the species identified on the site as compared to the National List of Plant Species that occur in Wetlands: Northeast (Region1). Provide specific information on the plant communities on the data sheets included in Appendix A.

V. CONCLUSION

Summarize the on-site evaluation. Describe the determination based on the information gathered. If the findings in the report have been verbally confirmed in the field by a representative of the Maryland Department of the Environment (MDE), include the name of the representative and the date the confirmation was received. Written confirmation may also be required. It should be noted that sensitive environmental features may be regulated by the county that are not regulated by Federal or State agencies based on local/county regulations.

Additional Information Needed for Wetland Study

Site Map- provide 8 ½” x 11” vicinity map (in color) taken from Prince George’s County ADC Map with outline of property shown and labeled.

Soils Map- provide 8 ½” x 11” soils map (in color) taken from Prince George’s County Soil Survey with outline of property shown and labeled.

National Wetland Inventory Map- provide 8 ½” x 11” NWI map (Quad) (in color) with outline of property shown and labeled.

USGS Topographic Map- provide 8 ½” x 11” United States Geological Survey Topographic Map (in color) with outline of property shown and labeled

Wetlands of Special State Concern Map- provide 8 ½” x 11” Maryland Department of Natural Resources Nontidal Wetland Guidance Map (in color)

Photographs and Wetland Delineation Data sheets - provide for **ALL** data points. Preferred method is to include two color photographs per 8 ½” x 11” sheet, with each photograph numbered and dated with a brief description of the photo. Following each set of photographs, include all corresponding data sheets for each data point.

Reference Section IV. B for required soil descriptions:

Sample Soils Table				
Symbol	Soil Description	K- factor	Hydric	Soil Group
BIB2	Beltsville silt loam, 5-10% slopes, moderately eroded	0.49	No*	B
BIB3	Beltsville silt loam, 5-10% slopes, moderately eroded	0.49	No*	B
Bo	Bibb silt loam	0.43	Yes	B
CaB2	Chillum silt loam, 0-6% slopes, moderately eroded	0.49	No	B

*May potentially contain hydric inclusions. Taken from USDA, SCS-Soil Survey, Prince George’s County, Maryland (1967) and USDA, NRCS RUSLE2 attributes table and hydric soils list



How-to produce Custom Soil Survey Reports

Here are the steps*:

1. Define AOI.
2. Choose the “Soil Data Explorer” tab at top left. Several sub-tabs will come up in a row under the “Soil Data Explorer” tab.
3. Choose the “Suitabilities and Limitations for Use” tab. A menu will come up on the left hand side.
 - a. Click on “Building Site Development” drop-down. Click on “Dwellings with Basements.”
 - b. Under View Options unclick Map and Description of Rating. Ensure that the Detailed Description box remains unchecked. Click view rating. At the top right corner of the screen click on “Add to Shopping Cart.” Click “OK” in pop-up window (no sub-title necessary).
 - c. Click on “Dwellings without Basements.” Repeat step b for this category.
 - d. Click on “Local Roads and Streets.” Repeat step b for this category.
 - e. Click on “Small Commercial Buildings.” Repeat step b for this category.
 - f. Click on “Sanitary Facilities” drop-down. Click on “Septic Tank Absorption Fields.” Repeat step b for this category.
 - g. Click on “Land Classifications” drop-down. Click on “Hydric Rating by Map Unit.” Repeat step b for this category.
4. Choose the “Soil Properties and Qualities” tab.
 - a. Click on “Soil Erosion Factors” drop-down. Click on “K-Factor, Whole Soil.”
 - b. Under View Options unclick Map and Description of Rating. Ensure that the Detailed Description box remains unchecked. Click view rating. At the top right corner of the screen click on “Add to Shopping Cart.”
 - c. Click on “Soil Qualities and Features” drop-down. Click on “Drainage Class.” Repeat step b for this category.
 - d. Continuing under the “Soil Qualities and Features” drop-down. Click on “Hydrologic Soil Group.” Repeat step b for this category.
5. Choose the “Shopping Cart (Free)” tab.
 - a. Under the “Report Properties” drop-down, check “Custom Subtitle” and type-in the name of the project.
 - b. Under the “Table of Contents” drop-down un-check the following: “How Soil Surveys Are Made”, “Map Unit Description”, “References”, “Glossary.”
6. Click the “Check Out” button at the top right. Click the “Get now” button and “OK”. Website should generate a PDF that you can then save to your server.