

## Appendix E.2

### Patuxent River Data Set Descriptions

Data Layer	File Name	Description
Air Emission Outlets	AE_OUT0	The point of emission into the atmosphere.
Air Emissions Process Areas	AE_PROCO	Location of where an industrial process is performed.
Air Emission Sources	AE_SRC0	The location of boilers and other sources of air emissions.
Airfield Surfaces	AIRFLD0	Airfield surfaces such as runways, taxiways and parking ramps.
Airfield Centerlines	AIRFLDC0	Runway Centerlines.
Airfield Facilities	AIRFLDF0	Airfield facilities such as arresting gear, Fresnel, tetrahedron.
Aircraft Training Areas	ATA0	The Terrain Following (TERF) flight area provides an area within the airport traffic area for assessing helicopter handling qualities in the low level flight regime.
Aircraft Training Routes	ATC0	The Terrain Following (TERF) flight route/course provides an area within the airport traffic area for assessing helicopter handling qualities in the low level flight regime.
Buildings	BLDG0	Facilities that are occupiable by people.
Bulkdrum Storage Tanks	BLKDRUM0	Buildings identified to contain bulk drum storage.
Boating Areas	BOAT_AR0	Designated boating areas.
<b>Bird Concentration Areas</b>	<b>BRD_CON0</b>	<b>These areas present hazards to aircraft also known as BASH (Bird Aircraft Strike Hazard)</b>
<b>Beaver Habitat Areas</b>	<b>BV_HAB0</b>	<b>Beaver (Castor canadensis) habitat areas.</b>
Camping Areas	CAMPING0	Areas designated for camping.
Historic Property	CDDODHIS	Property that once belonged to the installation.
Property Boundary	CDDODINS	Shows the boundary of the installation's property.
<b>Forest Compartments</b>	<b>COMPART0</b>	<b>Delineation of forest compartments.</b>
Construction Sites	CONST0	Identifies sites targeted for construction.
Cultural Feature Areas	CR_FEAR0	Areas of cultural significance.
Cultural Feature Sites	CR_FEPT0	Point features of cultural significance.
Cultural Potential Areas	CR_POTN0	Areas of high potential for cultural resources. Discovery due to existence of European Exotic Cultivated Flora that is out of context with natural setting or discovery of debris from human occupation.
<b>Critical Area</b>	<b>CRITAR0</b>	<b>1000' Critical Area as defined by the Maryland Critical Area Law. Critical Areas are only required for installations located on the Chesapeake Bay. The critical area is defined as the strip of land 1000 feet landward from the water's edge.</b>

## Appendix E.2

### Patuxent River Data Set Descriptions

Data Layer	File Name	Description
Data Communication Lines	DATAKOM0	Extent of the data communications network, called the Central Scientific Computer Communications Network (CSCCN) on the installation.
<b>Deer Strikes</b>	<b>DEER_ST0</b>	<b>Location of automobile and aircraft deer strikes.</b>
Monitoring Wells	EHCHAMWL	Underground wells used for sampling in the water table.
Ordnance Explosive Waste Area	EHRMOEW	Area where ordnance and explosive waste residues are present or buried in the water, soil, or sediment.
Petroleum Contaminated Area	EHSITAOC	Areas of petroleum contaminated soils.
Installation Restoration Buffer Sites	EHSITDOD	Buffered IR sites.
Installation Restoration Sites	EHSITIRP	Defined installation restoration sites
Electrical Line Distribution	ELC_LINE	Electrical line distribution
Electrical Manholes	ELC_MH	Location of manholes associated with the electrical distribution line.
Electrical Poles	ELC_POLE	Location of utility poles associated with electrical distribution line.
Electrical Transformers	ELC_TRFM	Location of transformers associated with electrical distribution line.
Spot Elevations	ELEV_S0	Points where elevation has been determined from aerial photography.
Electromagnetic Radiation Points	EMR0	Source point of radiation.
Environmentally Sensitive Areas	EN_SNAR0	Areas identified as environmentally sensitive due to an oil spill.
Evacuation Routes	EVAC_RT0	When used as an overlay in conjunction with ROAD0, shows routes that would be used to evacuate the base in the event of an emergency.
Exercise Courses	EXEC_CR0	On base exercise routes. Some courses are for competitions (ie: triathlons).
Explosive Routes	EXPL_RT	Approved routes for the transportation of explosives.
<b>Nesting Site/Structure</b>	<b>FAHABNES</b>	<b>Not Available</b>
Field Survey Areas	FDSAREA	Areas where building construction surveys have been conducted.
Fences	FENCE0	Location of fences.
<b>Forest Interior Dwelling Species</b>	<b>FIDS0</b>	<b>Contiguous areas (greater than 100 acres) of dominant deciduous forest that support forest interior dwelling species.</b>
Fishing Areas	FISH0	Areas defined as fishing areas on the installation.
<b>Submerged Aquatic Vegetation</b>	<b>FLHABAQV</b>	<b>Not Available</b>
<b>Forest Areas</b>	<b>FLMGTFST</b>	<b>Not Available</b>
<b>Threatened/Endangered Floral Areas</b>	<b>FLMGTSPA</b>	<b>Not Available</b>
<b>Threatened/Endangered Floral Locale</b>	<b>FLMGTSPS</b>	<b>Not Available</b>
Flood Plain and Hazard Zones	FLOOD0	Areas delineated for 100-year, 500-year and minimal flooding.

## Appendix E.2

### Patuxent River Data Set Descriptions

Data Layer	File Name	Description
Soil Bore Hole	GESUBBHL	A shaft drilled, driven or dug into the earth for the purpose of installing a well or for subsurface exploration.
<b>Gypsy Moth Pest Management</b>	<b>GPS_MAN0</b>	<b>Sites where there are traps or plots for surveying insect population.</b>
Locator Graticule	GRD_ARB	Graticule was created for Emergency Operations Plan 6-95 NASPAXRIVINST 3440.7. Graticule is to simulate the graticule overlay on the Existing Conditions Maps Sept 1983 for Pax River NAS. The grid cells are 1600 x 1600 sqft.
Graticule of Pax River (Street Addressing)	GRD_HPGN	Reference grid created for displaying coordinates and linework on street addressing maps.
Latitude/Longitude Coordinates	GRD_LL	Points indicating Latitude/Longitude positions in degrees, minutes, seconds.
Stateplane Graticule	GRD_SPC	Reference grid used for stateplane coordinates.
Ground Maintenance Management Areas	GRMAINT0	Designated areas for ground maintenance management.
Detailed Ground Maintenance Areas	GROOM0	Mowing agreement for groomed and unimproved parcels of land.
Hazardous Waste Sites	HAZ_WST	Areas where regulated waste is generated, collected, and stored. Regulated waste must be properly disposed of in a controlled manner and includes hazardous materials, hazardous substances and hazardous waste.
Hazardous Material Sites	HAZMAT0	Buildings identified by the Oil Spill Response Coordinator where hazardous materials are stored.
Hazards of Electromagnetic Radiation to Fuel	HERF0	Hazards of Electromagnetic Radiation to Fuel (HERF) will occur when transmitting equipment generate an electromagnetic field sufficient to cause harmful or injurious effects to humans.
Hazards of Electromagnetic Radiation to Ordnance Susceptible	HERO_S0	HERO originate in the functional characteristics of naval weapon systems, safety and emergency devices, and other ancillary equipment containing electrically initiated explosive, propellant, or pyrotechnic material.
Hazards of Electromagnetic Radiation to Ordnance Unsafe	HERO_U0	HERO originate in the functional characteristics of naval weapon systems, safety and emergency devices, and other ancillary equipment containing electrically initiated explosive, propellant, or pyrotechnic material.
Hazards of Electromagnetic Radiation to Personnel	HERP0	Hazards of Electromagnetic Radiation to Personnel (HERP) will occur when transmitting equipment generate an electromagnetic field sufficient to cause harmful or injurious effects on humans, or create sparks having enough magnitude to ignite flammable mix.
Historic Map Structures	HISTMAP0	Areas shown on historic maps of the installation as once having structures.

## Appendix E.2

### Patuxent River Data Set Descriptions

Data Layer	File Name	Description
Hypsography	HYP000	Contour lines of elevation data.
Surface Water Course Centerline	HYSURWCC	A surface hydrographic fluvial linear feature.
Wetland Area	HYWETLNA	Transitional lands between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. These are area features.
Wetland Linear	HYWETLNL	Transitional lands between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. These are linear features.
Wetland Site	HYWETSIT	A feature associated with wetlands, such as a site.
Wetland Study Area	HYWETSTY	Areas that have been studied or surveyed for wetlands.
<b>Hunting Areas</b>	<b>IMRECHNT</b>	<b>Areas designated for recreational hunting.</b>
Installation Restoration Fuel Farm Remediation	IRFFRMA0	Location of ground water remediation area at the fuel farm IR site.
Installation Restoration Fuel Farm Remediation	IRFFRMP0	Location of ground water remediation points at the Fuel Farm IR site.
IR Remediated Areas	IRREM0	Installation restoration sites identified as having proposed remediations and/or removal actions
Land Fills	LANDFIL1	Location of landfill sites.
Land Cover	LDCV_950	Land cover / land use classification based on the Modified Anderson Classification.
Agricultural Outlease Parcels	LSCNDAGO	Department of Defense land areas that are leased to private concerns for agricultural use. The Department of Defense receives lease payment and the land is maintained by the private concern.
Areas of Extensive Disturbance	LSCNDDIS	Areas where extensive disturbance has occurred. This could be a result of cut and fill soils type, areas of construction, etc...
<b>Hunting Features</b>	<b>LSRECFET</b>	<b>A point location for hunting stands, game check stations, or duckblinds.</b>
<b>Water Fowl Hunting Areas</b>	<b>LSRECFWFH</b>	<b>Areas of permitted waterfowl hunting.</b>
Military Construction Projects Proposed	MILCONP	Military construction projects (planned).
Ammunition Storage Area	MLSFTAMO	The area where ordnance or other explosive/hazardous devices are stored.
Explosive Safety Quantity Distance	MLSFTESD	ESDQ arcs surround magazine areas, loading/down loading area, red label areas and inspection areas. The amount and type of explosive materials stored generate ESQD arcs, which vary from 100' to 2300' in radius.
Mosquito Pest Management	MSQ_MAN0	Sites where there are traps or plots for surveying insect population.

## Appendix E.2

### Patuxent River Data Set Descriptions

Data Layer	File Name	Description
<b>DEERCOR-Info re Deer Killed by Hunters</b> <b>DEERFEMA-Specific Info re Female Deer Killed</b> <b>DEERMALE-Specific Info re Male Deer Killed</b> <b>HUNTERS-Hunter Permits Information</b> <b>QUALS-Hunter Qualifications Information</b> <b>WFCOPUNT-Waterfowl Count Table</b> <b>WFSURVEY-Waterfowl Survey Table</b>	NATCULT	Not Available – This DB_TYPE has several unique database names associated with it. They are listed in the first column
AICUZ Noise Contours	NOISE0	Air Installation Compatible Use Zone noise contours.
<b>Natural Features</b>	<b>NR_FEPT0</b>	<b>Features created by nature, ie: champion trees.</b>
<b>Nesting Structures</b>	<b>NST_STR</b>	<b>Point location of natural and artificial nesting structures.</b>
<b>Nuisance and Invasive Plants</b>	<b>NUINVPL</b>	<b>Location of plants such as poison ivy (nuisance plants) or those plants which are overwhelming to native plants, such as kudzu.</b>
Miscellaneous Oil Structures	OIL_MIS0	Shows location of asphalt berms and a pipeline pertaining to oil spill response.
Oil Spill Response	OIL_RSP0	Deployment of spill containment equipment in the event of an oil spill.
Oil Spill Staging	OIL_STG0	Location of oil spill staging equipment. Equipment is used in the event of an oil spill.
<b>Osprey Nesting Structures</b>	<b>OSP_NST0</b>	<b>Point location of existing and previously existing osprey nests.</b>
PCB Transformers	PCBTRANS	The location of PCB contaminated transformers.
Picnic Areas	PICNICO	Areas designated for picnics.
Potable Wells	POT_WEL0	Point location of potable wells.
Problem Land Areas	PRB_LAN0	Areas identified by Natural Resources personnel as having a potential problem, ie: erosion, mining, disposal.
Project Limits	PROJ_DIS	Limits of areas of disturbance at construction sites.
Property Interests	PROPINT0	Property the base holds interest in due to mission concerns.
Pax River Coast Line	PXCOAST0	Coastline for Patuxent River Site.
Recreation Trail Points	RC_TLPT0	Features along recreation trails.
Reclamation Projects	RCL_PRO0	Areas where land has been reclaimed due to wetlands, sludge applications, or dunes.
Recreation Facilities	REC_FAC	Concentrated recreation sites.
Recreation Trails	REC_TRL0	Recreation trails on base used for horseback riding, hiking or fitness.
Roads	ROAD0	Paved and unpaved surfaces

## Appendix E.2

### Patuxent River Data Set Descriptions

Data Layer	File Name	Description
Soils	SOIL_780	Soil types from county survey in 1978.
Special Management Areas	SP_MGT0	Areas where special management practices are used.
Structures	STRCTAR0	Areas that unlike buildings are not normally occupied such as pump houses, and other point structures such as pumps and wells.
Structures	STRCTPT0	Points that unlike buildings are not normally occupied such as pump houses, and other point structures such as pumps and wells.
Swimming Areas	SWIM_AR0	Areas designated as being safe for swimming.
<b>Tree Samples</b>	<b>T_SAMPL0</b>	<b>Point locations where the forest was surveyed.</b>
<b>Threatened and Endangered Animal Habitats</b>	<b>TE_HBAN0</b>	<b>Habitats of rare, threatened, or endangered animal species.</b>
<b>Threatened and Endangered Plant Species</b>	<b>TE_HBPL0</b>	<b>Habitats of rare, threatened, or endangered plant species.</b>
Tanks	TNK0	Storage tanks include aboveground, underground, and mobile storage tanks that contain environmentally hazardous substances such as fuels.
Towers	TOWER0	Antennas and Towers.
<b>Trapping Areas</b>	<b>TRAP_AR0</b>	<b>Location of designated trapping areas.</b>
Road Centerlines	TRVEHRCL	The center of the roadways as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics.
<b>Urban Trees</b>	<b>URB_TR0</b>	<b>Study of Urban Trees and their condition.</b>
Pedestals	UTELEPED	An above ground enclosure which provides access to underground cables.
<b>Vegetation Line</b>	<b>VEG0</b>	<b>Not Available</b>
Potable Well 10 Year Area of Influence	W10YRAOI	Wellhead protection zones (10 year).
Potable Well 1 Year Area of Influence	W1YRAOI	Wellhead protection zones (1 year).
Water Bodies	WATERB0	Surface water bodies.
<b>Wildlife Viewing Areas</b>	<b>WL_VIEW0</b>	<b>Wildlife viewing sites.</b>
<b>Tree Line</b>	<b>WOOD0</b>	
Stream Protection Buffer	WTR_FOR0	Forested lands within 300 feet of any surface water.
AICUZ Zones	ZONES0	Air Installation Compatible Use Zone (AICUZ) accident potential zones.