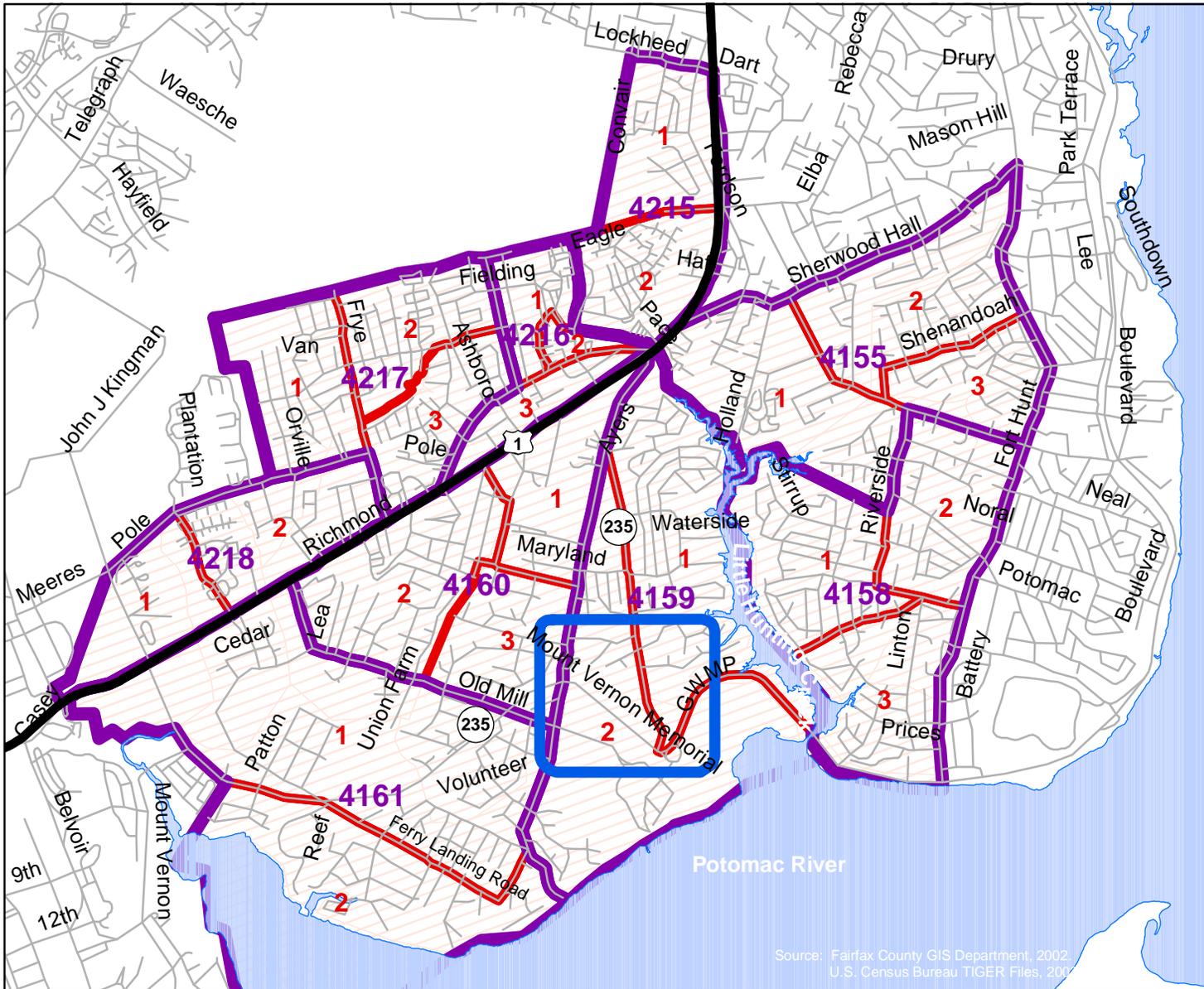


Appendix A – Additional Existing Conditions Information

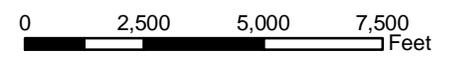
Mount Vernon Circle Environmental Assessment

Figure A1 Census Study Area



Legend

- Streets
- Major Roads
- General Study Area
- Water
- Census 2000 Tracts
- Census 2000 Block Groups
- Census 2000 Blocks
- 4155** Census Tract Number
- 2** Census Block Group Number



Source: Fairfax County GIS Department, 2002.
U.S. Census Bureau TIGER Files, 2000

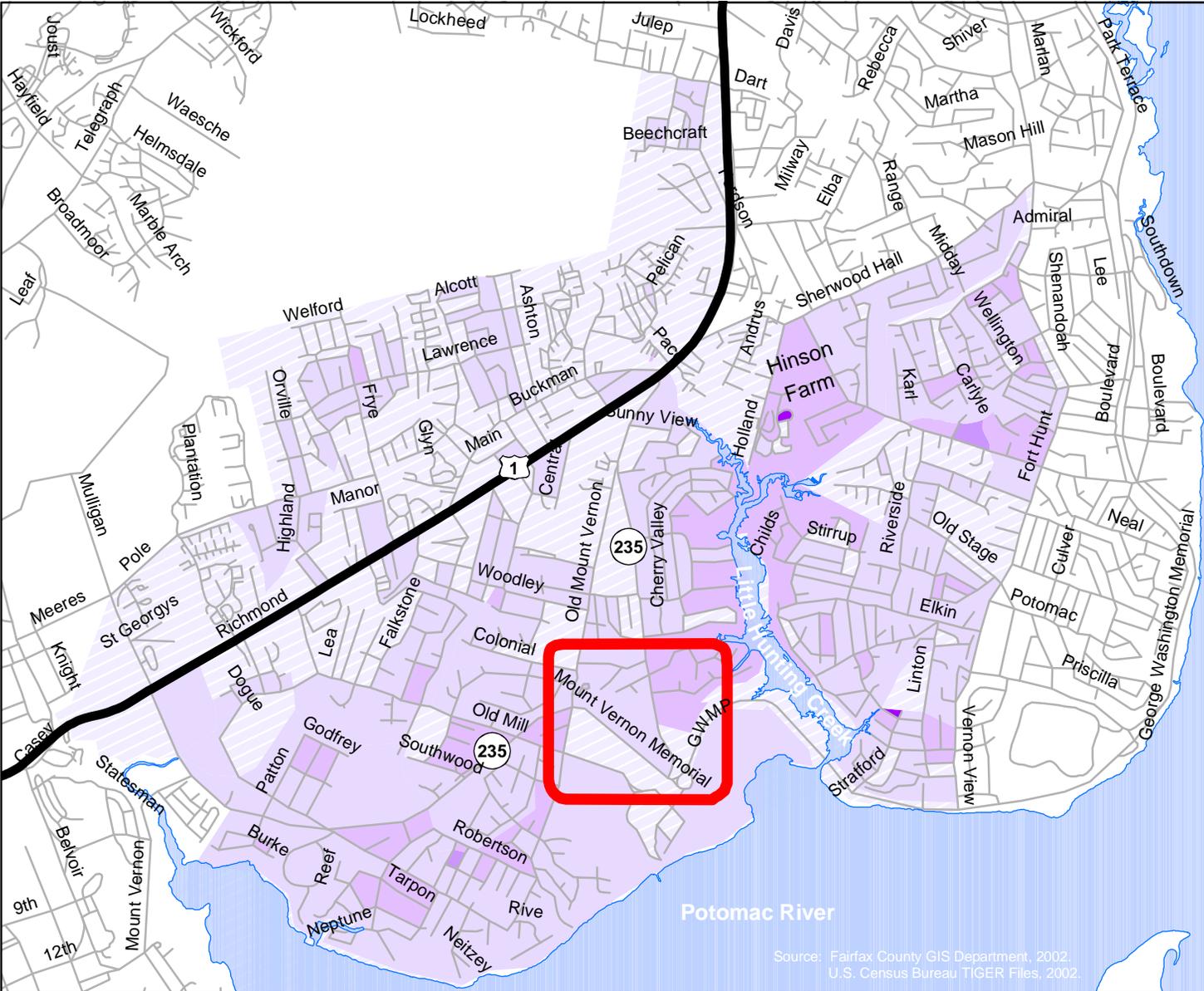
Table A1: Age Distribution

Census 2000 Tract	Census 2000 Block Group	Under 5	Age 5-17	Age 18-21	Age 22-29	Age 30-39	Age 40-49	Age 50-64	Age 65 and Over	Median Age
4155	1	7.60%	21.99%	4.33%	5.42%	12.96%	14.70%	17.29%	15.70%	38.2
	2	6.83%	15.01%	1.29%	4.24%	14.51%	18.70%	21.03%	18.39%	44.2
	3	5.95%	14.43%	0.77%	4.41%	14.32%	18.83%	18.28%	23.02%	44.5
4158	1	6.27%	17.32%	1.91%	2.87%	12.31%	17.74%	21.39%	20.19%	45.5
	2	8.48%	21.26%	1.39%	2.25%	13.64%	21.13%	18.08%	13.77%	41.2
	3	5.92%	16.80%	1.92%	4.16%	11.28%	17.36%	26.40%	16.16%	45.8
4159	1	5.34%	17.40%	2.04%	3.85%	10.90%	17.91%	21.81%	20.74%	45.8
	2	5.01%	16.95%	3.19%	3.75%	10.13%	15.36%	30.38%	15.24%	47.6
4160	1	8.70%	19.24%	3.26%	10.98%	16.41%	18.91%	16.09%	6.41%	35.0
	2	7.64%	16.75%	3.78%	10.59%	16.79%	16.01%	18.68%	9.77%	37.2
	3	5.66%	16.99%	2.07%	6.49%	13.67%	16.85%	19.20%	19.06%	42.4
4161	1	5.26%	15.56%	2.70%	4.02%	11.49%	17.73%	24.09%	19.14%	46.0
	2	4.42%	17.43%	1.92%	3.09%	9.51%	16.43%	28.36%	18.85%	48.7
4215	1	7.31%	15.49%	4.61%	11.91%	20.02%	14.77%	15.81%	10.09%	35.0
	2	9.19%	23.42%	5.73%	12.77%	18.52%	13.18%	11.96%	5.23%	29.4
4216	1	7.33%	25.41%	5.90%	12.23%	17.74%	14.79%	12.79%	3.82%	29.6
	2	11.68%	20.16%	6.09%	13.34%	19.93%	16.83%	9.75%	2.21%	29.4
	3	8.77%	19.21%	5.15%	15.38%	19.90%	18.09%	8.91%	4.59%	30.5
4217	1	5.81%	20.39%	4.45%	7.75%	13.57%	16.65%	22.83%	8.54%	39.1
	2	5.88%	21.55%	4.04%	8.42%	15.21%	17.17%	18.47%	9.25%	37.1
	3	9.27%	20.52%	5.08%	14.13%	18.45%	17.25%	11.10%	4.20%	30.5
4218	1	6.86%	13.72%	3.65%	23.38%	21.70%	17.59%	10.17%	2.92%	30.7
	2	7.57%	19.15%	5.06%	14.31%	19.00%	17.71%	11.98%	5.23%	32.4
Average		7.08%	18.53%	3.49%	8.68%	15.30%	17.03%	18.04%	11.85%	38.5
Minimum		4.42%	13.72%	0.77%	2.25%	9.51%	13.18%	8.91%	2.21%	29.4
Maximum		11.68%	25.41%	6.09%	23.38%	21.70%	21.13%	30.38%	23.02%	48.7

Source: U.S. Census Bureau Summary File 1, 100% Data, 2002

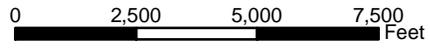
Mount Vernon Circle Environmental Assessment

Figure A2 Percent People 65 and Over



Legend

-  Major Roads
-  Streets
-  General Study Area
-  < 5%
-  5.1% - 25%
-  25.1% - 50%
-  50.1% - 75%
-  > 75%
-  Water



Source: Fairfax County GIS Department, 2002.
U.S. Census Bureau TIGER Files, 2002.

Mount Vernon Circle Environmental Assessment

Figure A4 Noise Monitoring Locations

Legend

-  15-Minute Noise Sample
-  24-Hour and 15-Minute Noise Samples
-  General Study Area



Source: USGS, 2002



Hazardous Materials and Waste

Resource Conservation and Recovery Act Sites

The Resource Conservation and Recovery Information System (RCRIS) includes information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act. While the study area does not contain any RCRA sites, two sites are located approximately 2,100 feet north of the study area. These sites are Mount Vernon High School, located at 8515 Old Mount Vernon Road and Chesapeake Potomac Telephone, located at 8534 Old Mount Vernon Road.

Emergency Response Notification System

The Emergency Response Notification System (ERNS) is responsible for recording and storing information on reported releases of oil and hazardous substances. This report is maintained by the EPA. The study area does not contain any ERNS sites. Two sites are located in the vicinity. One site is located northwest of the study area, and the other is due north of the study area. Both sites are more than 3,000 feet away from the study area.

Facility Index System

The Facility Index System (FINDS) contains both facility information and “pointers” to other sources of information that contain more detail.¹ The EPA provides this information. The study area contains no FINDS sites. However, six FINDS sites are within the vicinity of Mount Vernon. These are as follows:

- Woodley Hills Elementary School, 8718 Old Mount Vernon Road, approximately 400 feet north of the study area
- Brentwood Academy Day School, 3725 Nalls Road, approximately 1,800 feet north of the study area
- Mount Vernon High School, 8515 Old Mount Vernon Road, approximately 2,100 feet north of the study area
- Chesapeake Potomac Telephone, 8534 Old Mount Vernon Road, approximately 2,150 feet north of the study area
- Riverside Elementary School, 8410 Old Mount Vernon Road, approximately 3,600 feet north of the study area
- Washington Mill Elementary School, 9100 Cherry Tree Drive, approximately 1,800 feet west of the study area

Leaking Underground Storage Tanks

Leaking Underground Storage Tanks (LUSTs) are underground storage tanks that have begun to leak their hazardous materials, usually fuel. The study area contains no LUSTs. However, four

LUSTs are near the study area. Mount Vernon High School, located at 8515 Old Mount Vernon Road, is approximately 2,100 feet north of the study area. Woodley Hills Elementary School, at 8718 Old Mount Vernon Road is approximately 400 feet north of the study area. Chevron #122159 is located at 4001 Mount Vernon Avenue and is approximately 800 feet west of the

¹ Please see the Environmental Data Resources Report for a detailed description of the sources.

study area. Riverside Elementary School at 8410 Old Mount Vernon Road is approximately 3,600 feet north of the study area.

Underground Storage Tanks

The Underground Storage Tank (UST) database contains registered USTs. Underground storage tanks are regulated under Subtitle I of RCRA. The data for this analysis was provided by the Virginia Department of Environmental Quality's Underground Storage Tank Data Notification Information System. While no USTs are located within the study area, four USTs are in the general vicinity of Mount Vernon. The first UST is at Washington Mill Elementary School (9100 Cherry Tree Drive) approximately 1,800 feet west of the study area. Mount Vernon High School, located at 8515 Old Mount Vernon Road, is approximately 2,100 feet north of the study area. Bell Atlantic at 8534 Mount Vernon Road is approximately 2,150 feet north of the study area. Riverside Elementary School at 8410 Old Mount Vernon Road is approximately 3,600 feet north of the study area.

Voluntary Remediation Program

The Voluntary Remediation Program (VRP), which is sponsored by the Virginia Department of Environmental Quality, encourages owners of selected contaminated sites to take the initiative to conduct voluntary cleanups that meet state environmental standards. These sites are usually either open dumps or un-permitted solid waste disposal facilities. These sites cannot be listed on the National Priority List (NPL) nor can be involved in disposing of RCRA hazardous wastes. No VRP sites are within the study area or the vicinity of Mount Vernon.

Leaking Tanks Database

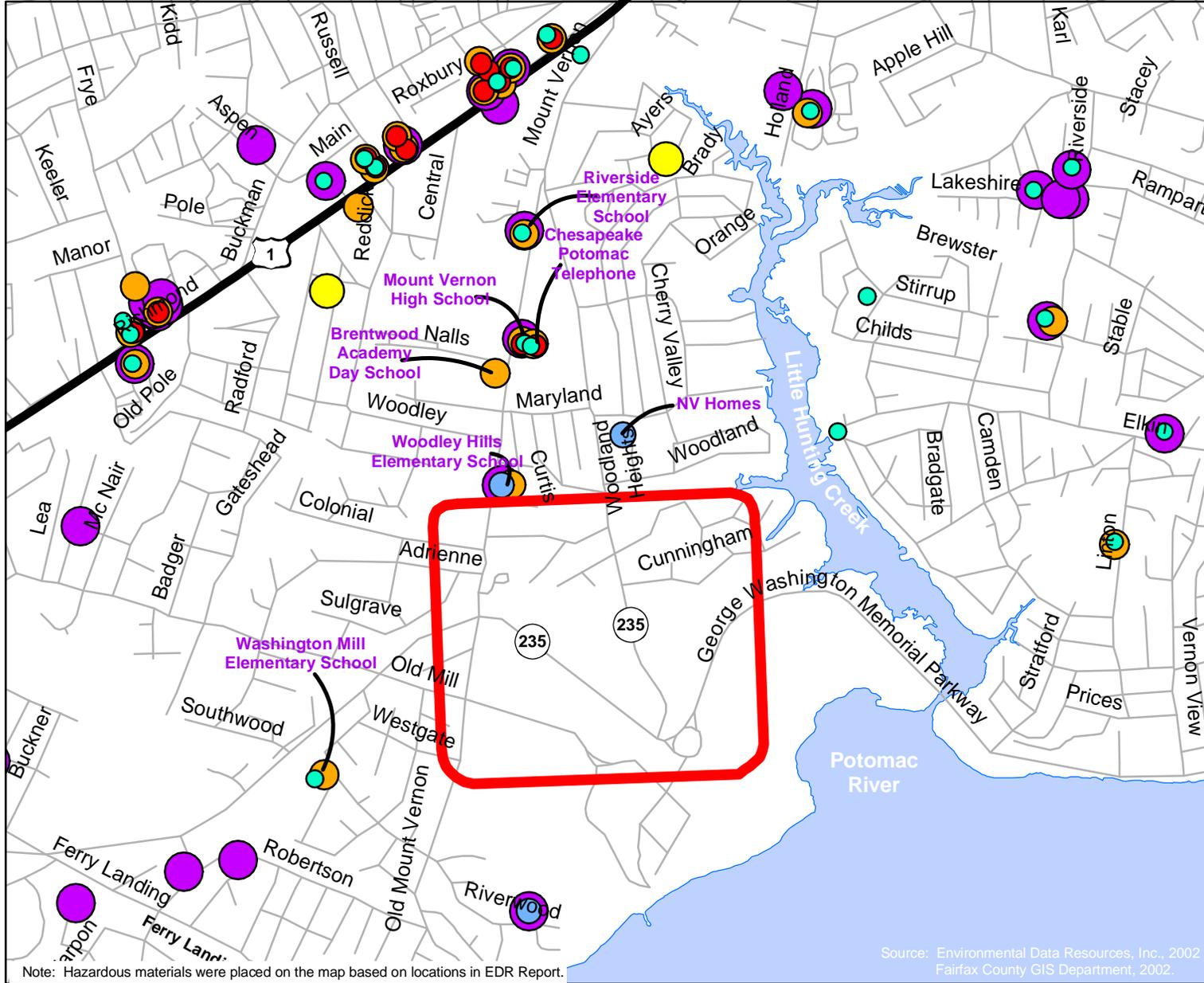
The Virginia Department of Environmental Quality maintains a Leaking Tanks Database (LTANKS). This database contains currently leaking petroleum tanks. No LTANKS are located within the study area. However, two LTANKS hits are within the vicinity of Mount Vernon. The first location is Woodley Hills Elementary School at 8718 Old Mount Vernon Road. It is approximately 400 feet north of the study area. The second LTANKS hit is located at NV Homes at 8603 Woodland Heights. It is approximately 900 feet north of the study area.

Mount Vernon Circle Environmental Assessment

Figure A5 Hazardous Materials and Major Utilities

Legend

-  Underground Storage Tanks
-  Resource Conservation and Recovery Act Database
-  Leaking Tanks Database
-  Facility Index System
-  Emergency Response Notification System
-  Leaking Underground Storage Tanks
-  Major Utilities
-  Streets
-  General Study Area
-  Water

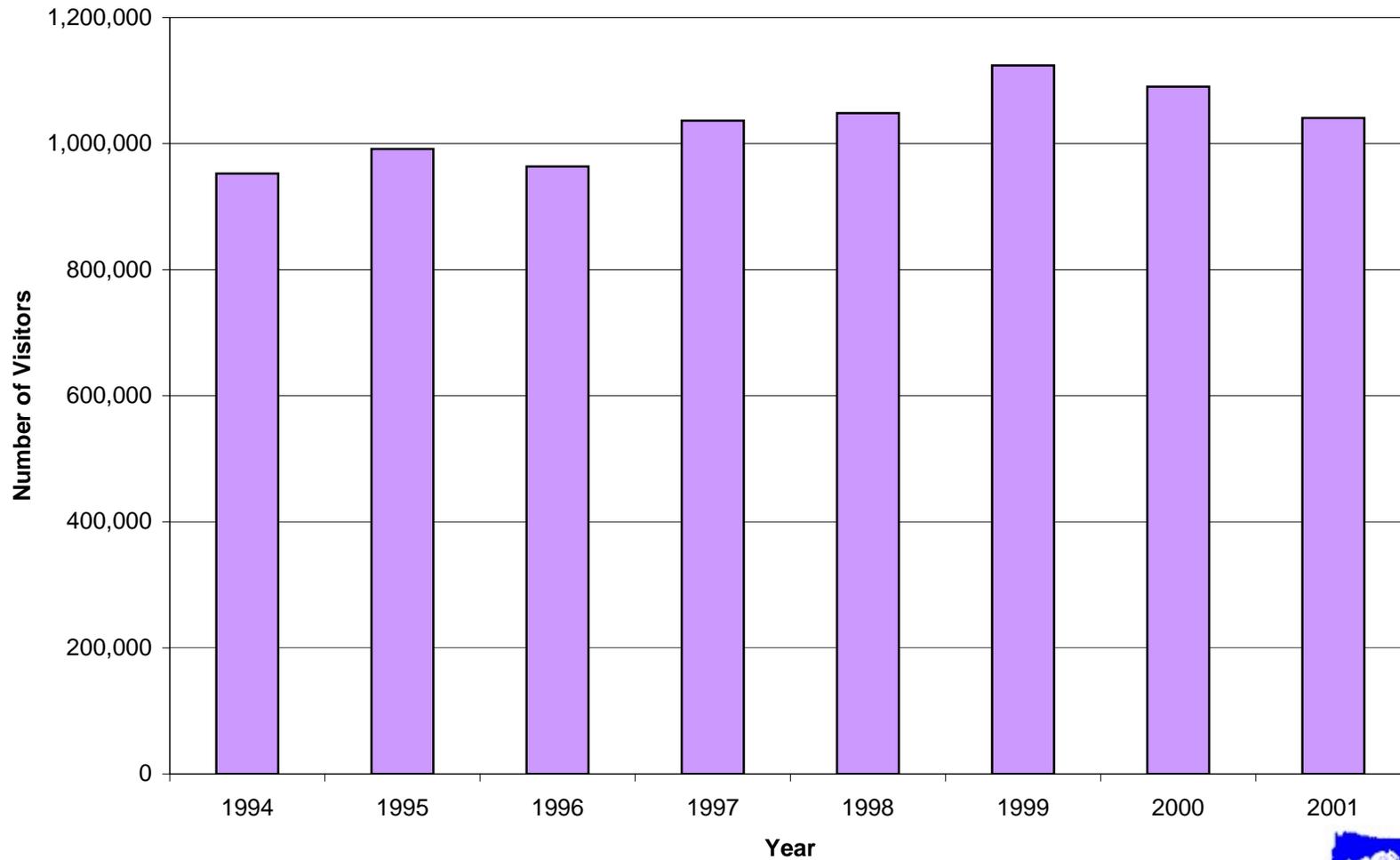


Note: Hazardous materials were placed on the map based on locations in EDR Report.

Source: Environmental Data Resources, Inc., 2002
Fairfax County GIS Department, 2002.

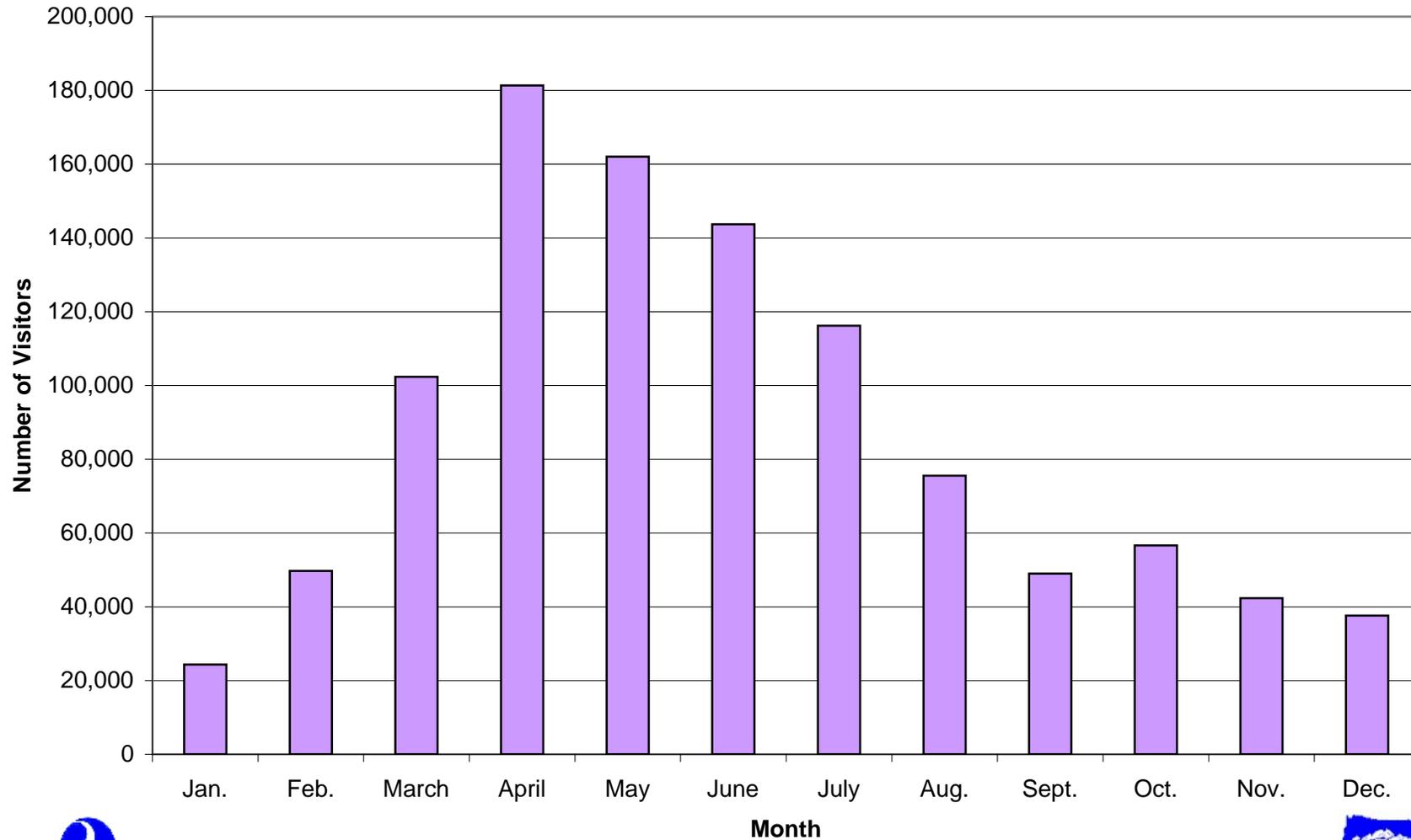
Figure A6

Mount Vernon Visitation: 1994-2001



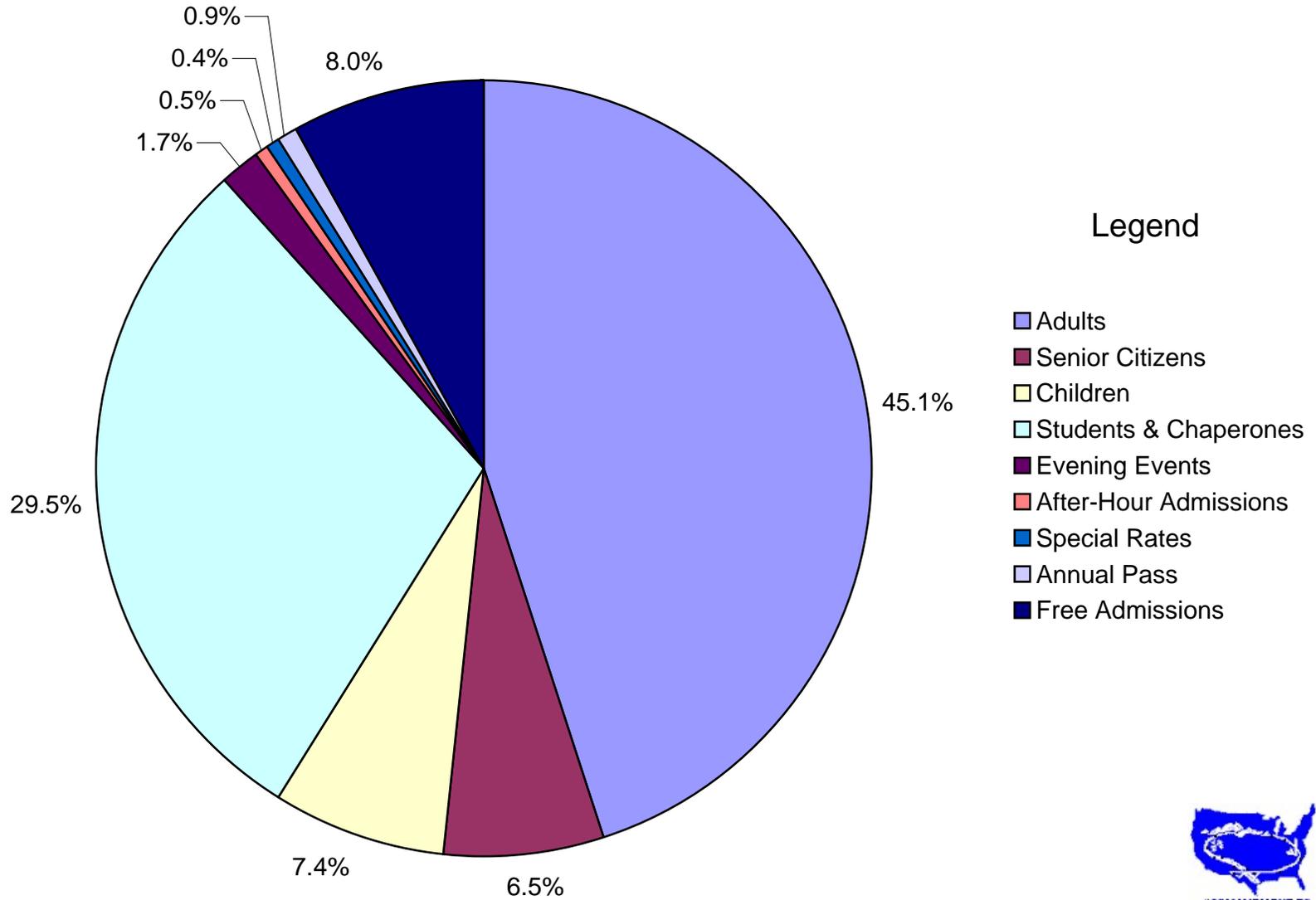
Source: Mount Vernon Ladies' Association, 2002

Figure A7 Mount Vernon Visitation - 2001



Source: Mount Vernon Ladies' Association, 2002

Figure A8 Mount Vernon Visitation by Type



Source: Mount Vernon Ladies' Association, 2002

Figure A9
Approximate Peak Hour Parked Cars for a 135-Minute Visit

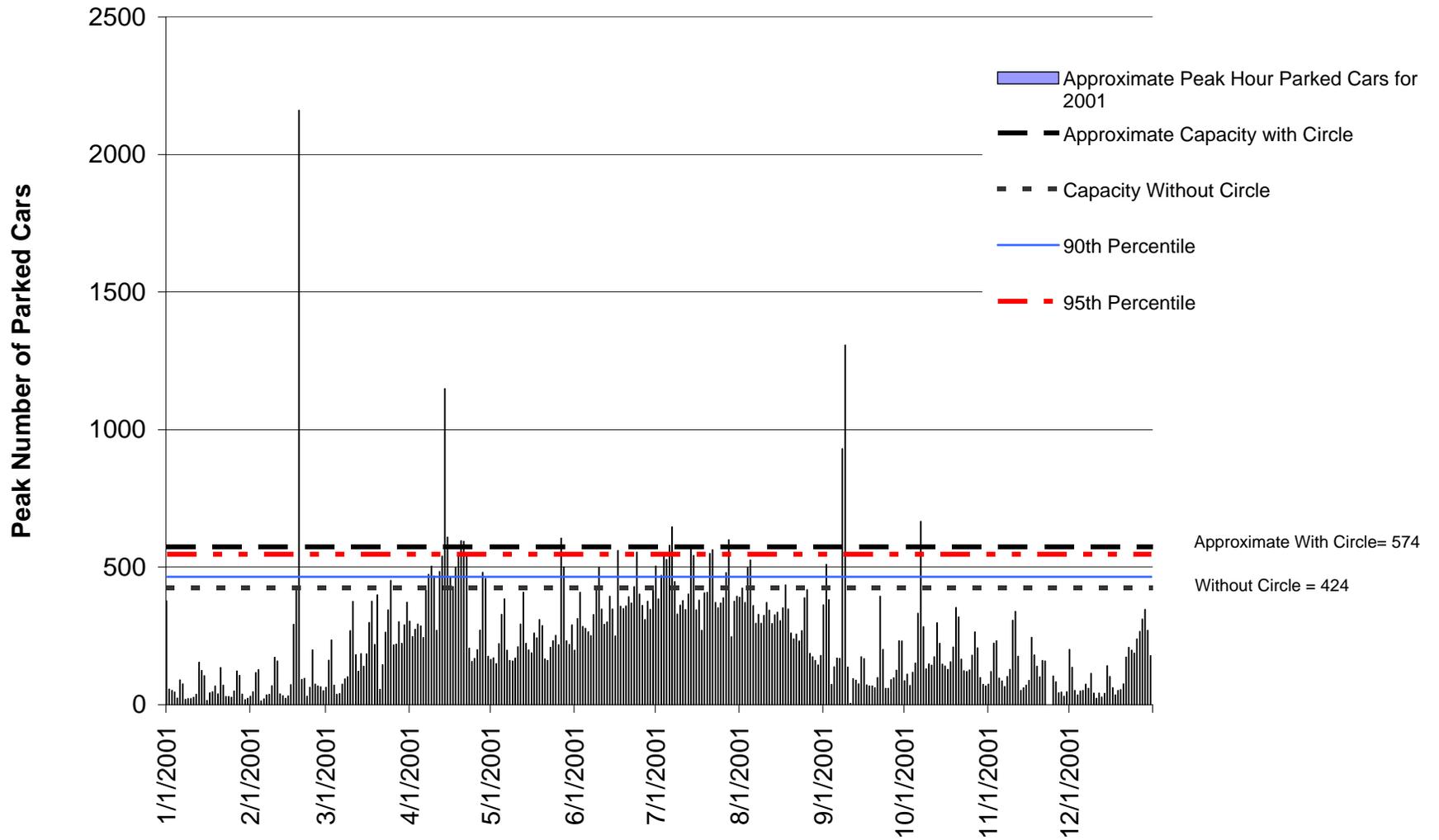
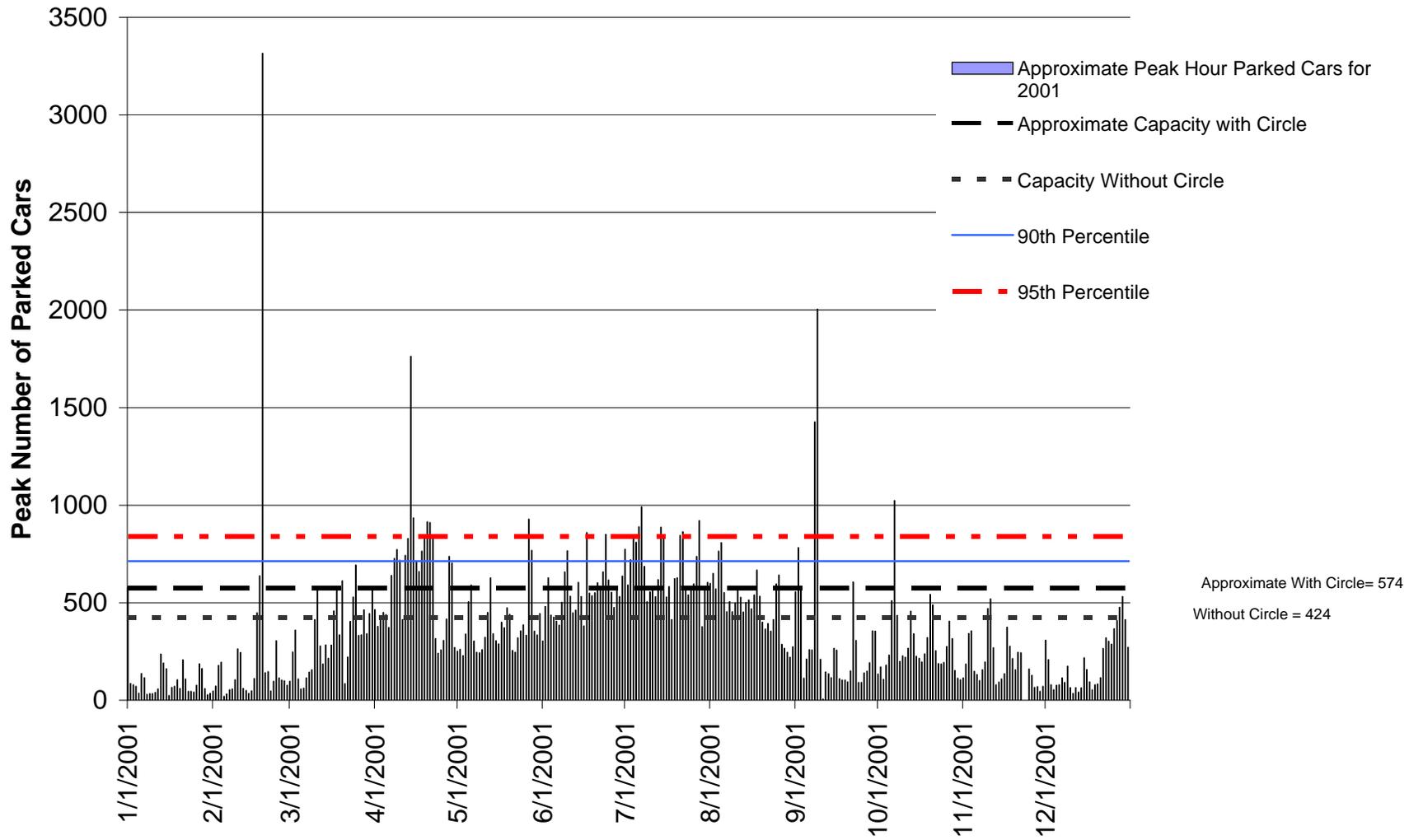


Figure A10

Approximate Peak Hour Parked Cars for a 236-Minute Visit



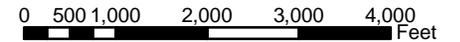
Mount Vernon Circle Environmental Assessment

Figure A11 Traffic Count Locations



Legend

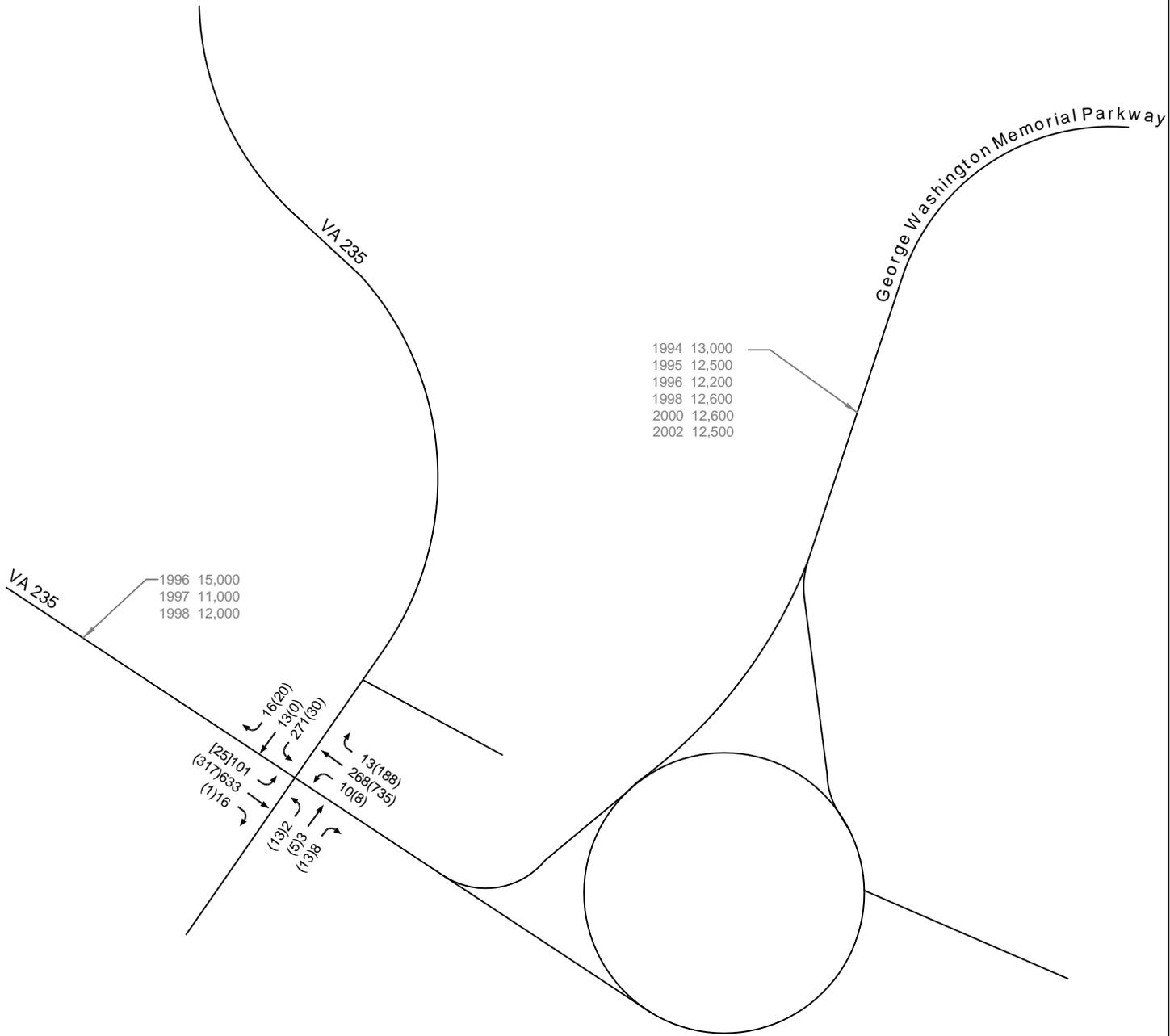
-  Tube Count
-  Turning Movement Count
-  General Study Area



Source: USGS, 2002

**MOUNT VERNON CIRCLE
ENVIRONMENTAL ASSESSMENT**

**Figure A12
Historic Average Daily Traffic
and 2000 Turning Movement Counts**



LEGEND

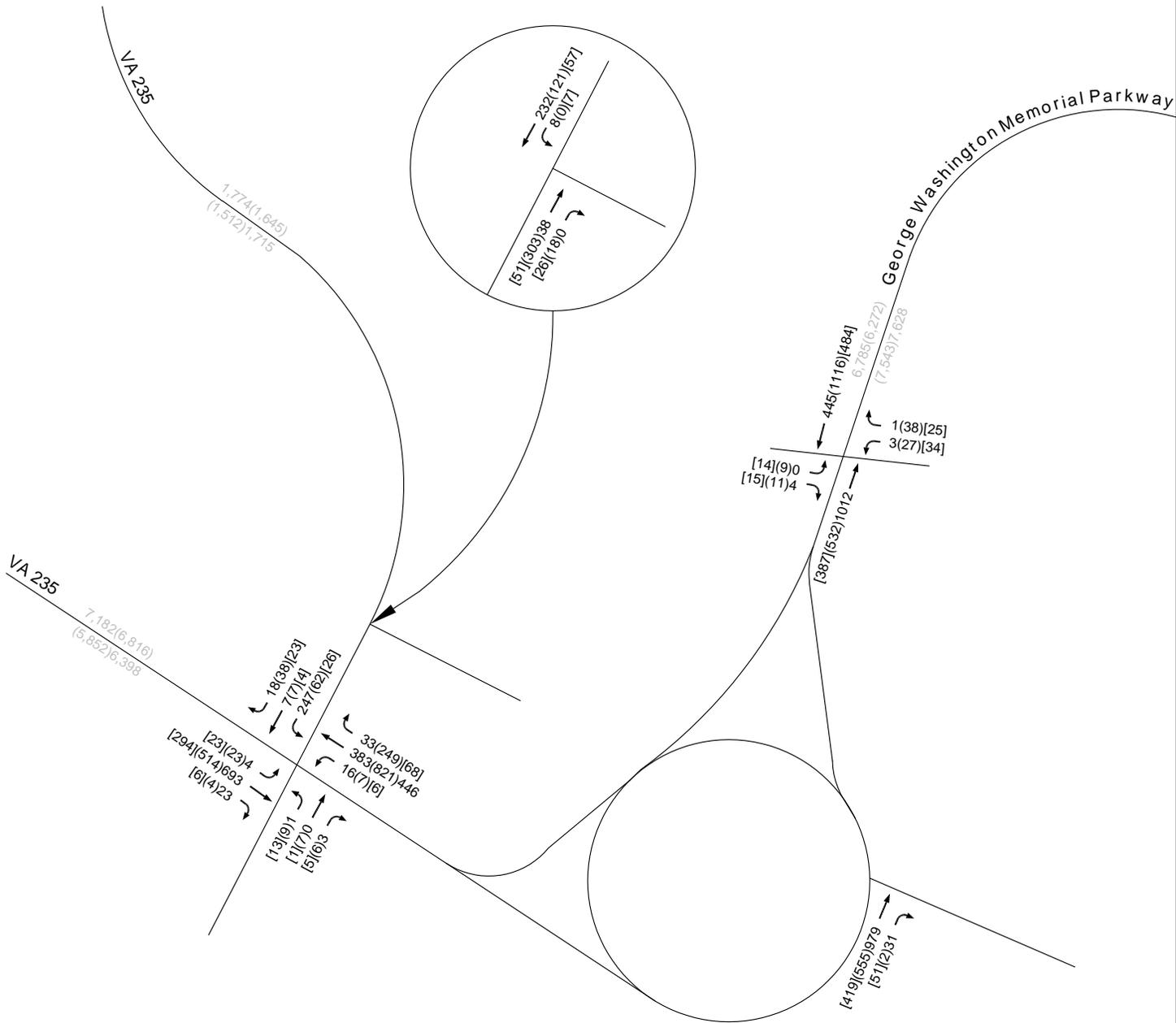
- XX AM Peak Hour Turning Movement Volume
- (XX) PM Peak Hour Turning Movement Volume
- XX Average Annual Daily Traffic

Turning Movement Count
Data Collected 4/18/2000

SOURCE: National Park Service, VDOT, Kimley-Horn Turning Movement Counts

**MOUNT VERNON CIRCLE
ENVIRONMENTAL ASSESSMENT**

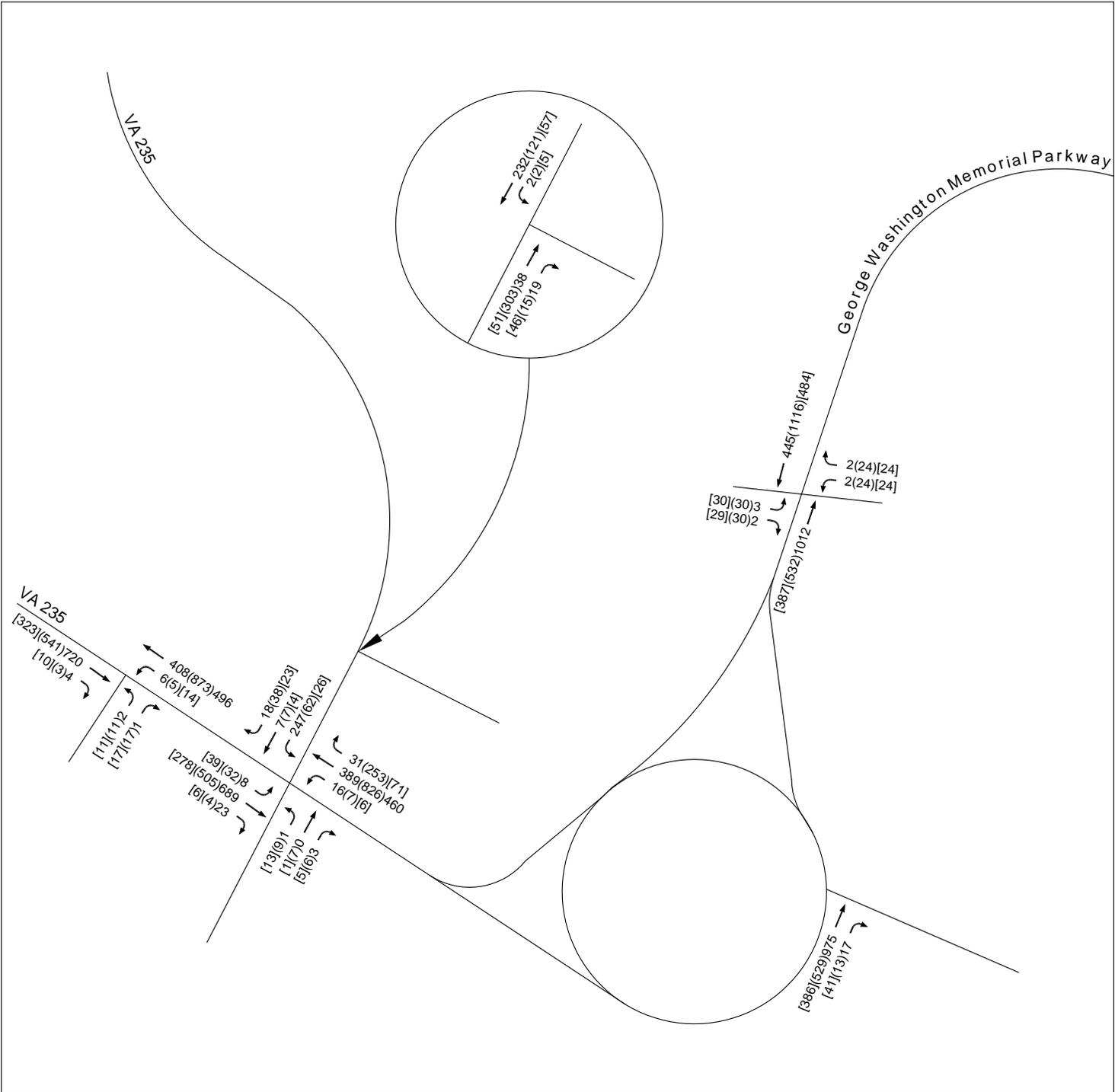
**Figure A13
Current 2002 Traffic
Count Data**



LEGEND

- XX Weekday AM Peak Hour
- (XX) Weekday PM Peak Hour
- [XX] Weekend Peak Hour
- XX Average Weekday
- [XX] Average Weekend

Data Collected 5/11/2002-5/17/2002



**MOUNT VERNON CIRCLE
ENVIRONMENTAL ASSESSMENT**

**Figure A14
Projected Future
Traffic Volumes**

LEGEND

XX Weekday AM Peak Hour
 (XX) Weekday PM Peak Hour
 [XX] Weekend Peak Hour

Appendix B – Tree Survey

Summary of Surveyed Trees

Mount Vernon, Virginia

Size	Quantity
5	2
6	98
7	38
8	59
9	19
10	43
11	7
12	32
13	6
14	10
15	11
16	3
17	2
18	26
19	4
20	27
21	1
22	12
24	21
25	3
26	7
27	1
28	5
30	15
31	1
32	7
36	2
40	1
Total	463

Type	Quantity
BLACK CHERRY	2
DOGWOOD	1
HOLLY	44
OAK	355
PINE	21
POPLAR	1
UNKNOWN	25
Total	463

Tabulation of Surveyed Trees

Mount Vernon, Virginia

Tree Size	Tree Type
9"	UNKNOWN
9"	UNKNOWN
10"	UNKNOWN
12"	UNKNOWN
14"	UNKNOWN
14"	UNKNOWN
15"	UNKNOWN
17"	UNKNOWN
18"	UNKNOWN
19"	UNKNOWN
20"	UNKNOWN
20"	UNKNOWN
20"	UNKNOWN
26"	UNKNOWN
2 - 22"	UNKNOWN
2 - 6"	UNKNOWN

Summary of Impacted Trees

Mount Vernon, Virginia

Western Parking Expansion

Species of Tree	Caliper (inches)	Number of Trees Removed
Oak	6	13
	7	9
	8	6
	9	10
	10	9
	11	2
	12	9
	14	4
	15	2
	16	1
	18	11
	20	4
	22	4
	24	6
	26	2
28	2	
30	4	
Holly	6	1
	7	4
	10	3
Pine	7	1
	11	1
Sycamore	8	1
	14	1
Dogwood	8	1
Unknown Species	6	1
	7	1
	8	1
	18	1

Total Oak Trees Removed: 98

Total Holly Trees Removed: 8

Total Pine Trees Removed: 2

Total Sycamore Trees Removed: 2

Total Dogwood Trees Removed: 1

Total Unknown Trees Removed: 4

Total Trees 6" dbh or Greater Removed For Western Parking Expansion: 115

Summary of Impacted Trees

Mount Vernon, Virginia

Trail

Species of Tree	Caliper (inches)	Number of Trees Removed
Oak	6	6
	7	1
	8	4
	10	3
	15	1
Twin Oak	6	1
Quad Oak	6	1
Holly	6	2
	8	2
Twin Holly	8	1
Unknown Species	6	1

Total Oak Trees Removed: 17

Total Holly Trees Removed: 5

Total Unknown Trees Removed: 1

Total Trees 6" dbh or Greater Removed For Trail Improvement: 23

Overflow Parking

Not Tabulated**	Tree #6151
	Tree #6152
	Tree #6153
	Tree #6154
	Tree #6155
	Tree #6156
	Tree #6157
	Tree #6158
	Tree #6159
	Tree #6160
	Tree #6161
	Tree #6162
	Tree #6163
	Tree #6164
	Tree #6165
	Tree #6166
	Tree #6167
	Tree #6169
Tree #6170	
Tree #6171	
Tree #6172	

**Un-tabulated trees were impacted but no information was given in tree survey tabulation.

**Based on available data, assume caliper of trees not tabulated is <6".

Appendix C – Agency Correspondence



COMMONWEALTH of VIRGINIA

Mark R. Warner
Governor

Department of Game and Inland Fisheries

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

William L. Woodfin, Jr.
Director

June 24, 2002

Jennifer M. Haynie
Project Analyst
Kinley-Horn and Associates, Inc.
PO Box 33068
Raleigh, North Carolina 27636-3068

RE: ESSLOG #17545, Mount Vernon Circle Environmental Assessment

Dear Ms. Haynie:

This letter is in response to your request for information related to the presence of threatened or endangered species in the vicinity of the above referenced project.

The federal and state threatened bald eagle (*Haliaeetus leucocephalus*) has been documented in the project area. The applicant should coordinate with this Department and with the U.S. Fish and Wildlife Service to evaluate potential impacts on this species.

Information about fish and wildlife species was generated from our agency's computerized Fish and Wildlife Information System, which describes animals that are known or may occur in a particular geographic area. Field surveys may be necessary to determine the presence or absence of some of these species on or near the proposed area. Also, additional sensitive animal species may be present, but their presence has not been documented in our information system.

Endangered plants and insects are under the jurisdiction of the Virginia Department of Agriculture and Consumer Services, Bureau of Plant Protection. Questions concerning sensitive plant and insect species occurring at the project site should be directed to Keith Tignor at (804) 786-3515.

There is a processing charge of \$25.00 for our response. Please remit a check, made payable to **TREASURER OF VIRGINIA**, within 30 days to MaryBeth Murr at the address listed on the first page. Include a copy of this letter with your payment to ensure that your account is properly credited.

This letter summarizes the likelihood of the occurrence of endangered or threatened animal species

Jennifer Haynie
ESSLog #17545
6/24/2002
Page 2

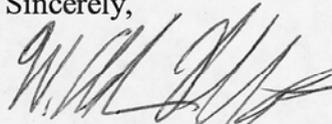
at the project site. If you have additional questions in this regard, please contact me at (804) 367-8001. Please note that this response does not address any other environmental concerns; these issues are analyzed by our Environmental Services Section, in conjunction with interagency review of applications for state and federal permits. If you have any questions in this regard, please contact Tom Wilcox or Brian Moyer at (804) 367-6913.

Please note that the data used to develop this response are continually updated. Therefore, if significant changes are made to your project or if the project has not begun within 6 months of receiving this letter, then the applicant should request a new review of our data.

The Fish and Wildlife Information Service, the system of databases used to provide the information in this letter, can now be accessed via the Internet! The Service currently provides access to current and comprehensive information about all of Virginia's fish and wildlife resources, including those listed as threatened, endangered, or special concern; colonial birds; waterfowl; trout streams; and all wildlife. Users can choose a geographic location and generate a report of species known or likely to occur around that point. From our main web page, at www.dgif.state.va.us, choose the hyperlink to "Wildlife Information Online". For more information, please contact Amy Martin, Online Service Coordinator, at (804) 367-2211.

Thank you for your interest in the wildlife resources of Virginia.

Sincerely,



W. Adam Phelps
Wildlife Biologist

cc: R.T. Fernald, VDGIF
Eric Davis, USFWS



W. Tayloe Murphy, Jr.
Secretary of Natural
Resources

Joseph H. Maroon
Director

COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

217 Governor Street
Richmond, Virginia 23219-2010
Telephone (804) 786-7951 FAX (804) 371-2674 TDD (804) 786-2121

June 7, 2002

Jennifer M. Haynie
Kimley-Horn and Associates, Inc.
P.O. Box 33068
Raleigh, NC 27636

Re: George Washington's Mount Vernon Estates and Gardens

Dear Ms. Haynie:

The Department of Conservation and Recreation's Division of Natural Heritage (DCR) has searched its Biological and Conservation Data System (BCD) for occurrences of natural heritage resources from the area outlined on the submitted map. Natural heritage resources are defined as the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geologic formations.

BCD documents the presence of natural heritage resources in the project area. However, due to the scope of the activity and the distance to the resources, we do not anticipate that this project will adversely impact these natural heritage resources.

Under a Memorandum of Agreement established between the Virginia Department of Agriculture and Consumer Services (VDACS) and the Virginia Department of Conservation and Recreation (DCR), DCR represents VDACS in comments regarding potential impacts on state-listed threatened and endangered plant and insect species. The current activity will not affect any documented state-listed plants or insects.

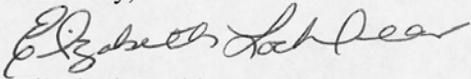
In addition, our files do not indicate the presence of any State Natural Area Preserves under DCR's jurisdiction in the project vicinity.

Any absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks additional natural heritage resources. New and updated information is continually added to BCD. Please contact DCR for an update on this natural heritage information if a significant amount of time passes before it is utilized.

A fee of \$50.00 has been assessed for the service of providing this information. Please find enclosed an invoice for that amount. Please return one copy of the invoice along with your remittance made payable to the Treasurer of Virginia, Department of Conservation and Recreation, 203 Governor Street, Suite 414, Richmond, VA 23219, ATTN: Cashier. Payment is due within thirty days of the invoice date.

Should you have any questions or concerns, feel free to contact me at 804-692-0984. Thank you for the opportunity to comment on this project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Elizabeth Locklear".

Elizabeth Locklear
Locality Liaison

DEPARTMENT OF CONSERVATION & RECREATION
DIVISION OF NATURAL HERITAGE

NATURAL HERITAGE RESOURCES OF FAIRFAX COUNTY

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FEDERAL STATUS	STATE STATUS	*LAST SEEN IN CO SINCE 1981?
** BIRDS						
BOTAURUS LENTIGINOSUS	AMERICAN BITTERN	G4	S1B,S2N			Y
GALLINULA CHLOROPUS	COMMON MOORHEN	G5	S1B,S1N		SC	Y
HALLIAEETUS LEUCOCEPHALUS	BALD EAGLE	G4	S2S3B,S	LT	LT	Y
NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	G5	S2B,S3N		SC	Y
PODILYMBUS PODICEPS	PIED-BILLED GREBE	G5	S2B,S3N			Y
RALLUS ELEGANS	KING RAIL	G4G5	S2B,S3N			Y
** COMMUNITIES						
	TIDAL FRESHWATER MARSH					Y
	COASTAL PLAIN / PIEDMONT ACIDIC SEEPAGE SWAMP					Y
	UPLAND DEPRESSION SWAMP					Y
	RIVER-SCOUR WOODLAND					Y
	EASTERN HEMLOCK FOREST					Y
	MESIC MIXED HARDWOOD FOREST					Y
	BASIC MESIC FOREST					Y
	BASIC OAK - HICKORY FOREST					Y
	PIEDMONT / MOUNTAIN BASIC WOODLAND					Y
	RIVERSIDE OUTCROP BARREN					Y
** INVERTEBRATES						
ACRONEURIA FLINTI	MANASSAS STONEFLY	GH	SH			N
CALLOPHRYS IRUS	FROSTED ELFIN	G3	S2			N
CALLOPHRYS POLIOS	HOARY ELFIN	G5	S1S3			N
CELITHEMIS MARTHA	MARTHA'S PENNANT	G4	S2			N
CICINDELA FORMOSA GENEROSA	A TIGER BEETLE	G5T5	SH			No Date
ELLIPTIO LANCEOLATA	YELLOW LANCE	G2G3	S2S3		SC	No Date
EPITHECA COSTALIS	STRIPE-WINGED BASKETTAIL	G4	S2			N
ERYNNIS MARTIALIS	MOTTLED DUSKYWING	G3G4	S1S3			N
ERYNNIS PERSIUS PERSIUS	PERSIUS DUSKYWING	G5T2T3	S1			Y
GOMPHUS FRATERNUS	MIDLAND CLUBTAIL	G5	S1			N
GOMPHUS VENTRICOSUS	SKILLET CLUBTAIL	G3	S1			N
LASMIGONA SUBVIRIDIS	GREEN FLOATER	G3	S2		SC	No Date
LORDITHON NIGER	BLACK LORDITHON ROVE BEETLE	GU	SH			No Date
NEHALENNIA GRACILIS	SPHAGNUM SPRITE	G5	S2			Y
PROCOTYLA TYPHLOPS	A GROUNDWATER PLANARIAN	G1G2	S1S2			No Date
PYRGUS WYANDOT	APPALACHIAN GRIZZLED SKIPPER	G2	S1S2			N
SPEYERIA IDALIA	REGAL FRITILLARY	G3	S1			No Date
SPHALLOPLANA HOLSINGERI	HOLSINGER'S GROUNDWATER PLANARIAN	GH	SH			N
SPHALLOPLANA SUBTILIS	BIGGER'S GROUNDWATER PLANARIAN	GH	SH			N
STYGOBROMUS KENKI	ROCK CREEK GROUNDWATER AMPHIPOD	G1G3	SH			N
STYGOBROMUS PHREATICUS	NORTHERN VIRGINIA WELL AMPHIPOD	G1	S1			Y
STYGOBROMUS PIZZINII	PIZZINI'S AMPHIPOD	G2G4	S1S2		SC	Y
STYGOBROMUS SP 15	A GROUNDWATER AMPHIPOD	G1	S1			Y
STYLURUS LAURAE	LAURA'S CLUBTAIL	G4	S2			N
** NON-VASCULAR PLANTS						
SPHAGNUM SUBTILE	DELICATE PEATMOSS	G5?Q	S1S2			N
** OTHER						
BALD EAGLE ROOST						Y
SIGNIFICANT GREAT BLUE HERON COLONY		G3G5	S2			Y
** REPTILES						
CLEMMYS INSCULPTA	WOOD TURTLE	G4	S2		LT	Y
** VASCULAR PLANTS						
AGALINIS AURICULATA	EARLEAF FOXGLOVE	G3	S1			Y
ARABIS SHORTII	SHORT'S ROCKCRESS	G5	S2			Y
BOLBOSCHOENUS FLUVIATILIS	RIVER BULRUSH	G5	S1			Y
BUCHNERA AMERICANA	BLUE-HEARTS	G5?	S1S2			N
CABOMBA CAROLINIANA	CAROLINA FANWORT	G3G5	S1			N
CAREX CRISTATELLA	CRESTED SEDGE	G5	S2			Y
CAREX DECOMPOSITA	EPIPHYTIC SEDGE	G3	S2			N
CAREX LACUSTRIS	LAKE-BANK SEDGE	G5	S1			N
CAREX STRAMINEA	STRAW SEDGE	G5	S1			Y

Note: Federal Status SOC and State status SC are not regulatory categories.
*Indicates at least one occurrence documented since 1981.

DEPARTMENT OF CONSERVATION & RECREATION
DIVISION OF NATURAL HERITAGE

NATURAL HERITAGE RESOURCES OF FAIRFAX COUNTY

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FEDERAL STATUS	STATE STATUS	*LAST SEEN IN CO SINCE 1981?
CAREX TENERA	SLENDER SEDGE	G5	S1?			Y
CAREX VESTITA	A SEDGE	G5	S2			Y
CIRSIIUM ALTISSIMUM	TALL THISTLE	G5	SH			No Date
CUSCUTA CEPHALANTHI	BUTTON-BUSH DODDER	G5	S1?			N
CUSCUTA POLYGONORUM	SMARTWEED DODDER	G5	S2?			N
DESMODIUM CANADENSE	SHOWY TICK-TREFOIL	G5	S1			N
DIARRHENA OBOVATA	A BEAKGRAIN	G4G5	S1			Y
ECHINOCYSTIS LOBATA	WILD MOCK-CUCUMBER	G5	S1?			N
ELEOCHARIS COMPRESSA	FLAT-STEMMED SPIKE-RUSH	G4	S2			Y
ENEMION BITERNATUM	FALSE RUE-ANEMONE	G5	S1			Y
ERIOCAULON PARKERI	PARKER'S PIPEWORT	G3	S2			N
ERYNGIUM YUCCIFOLIUM VAR YUCCIFOLIUM	RATTLESNAKE-MASTER	G5T5	S2			N
ERYTHRONIUM ALBIDUM	WHITE TROUT-LILY	G5	S2			Y
GEUM LACINIATUM VAR TRICHOCARPUM	ROUGH AVENS	G5T?	S2?			No Date
HASTEOLA SUAVEOLENS	SWEET-SCENTED INDIAN-PLANTAIN	G3	S2			Y
HELIANTHUS OCCIDENTALIS	MCDOWELL SUNFLOWER	G5	S1			Y
HEMICARPHA MICRANTHA	DWARF BULRUSH	G4	S1			Y
LATHYRUS PALUSTRIS	VETCHLING	G5	S1			Y
LIPARIS LOESELII	LOESEL'S TWAYBLADE	G5	S2			N
LYTHRUM ALATUM	WINGED-LOOSESTRIPE	G5	S2			N
MATTEUCCIA STRUTHIOPTERIS VAR PENSYLVANICA	OSTRICH FERN	G5T5	S1			Y
MICRANTHEMUM MICRANTHEMOIDES	NUTTALL'S MICRANTHEMUM	GH	SH			N
MOEHRINGIA LATERIFLORA	GROVE SANDWORT	G5	S1			Y
OLIGONEURON RIGIDUM VAR RIGIDUM	STIFF GOLDENROD	G5T5	S2			Y
ONOSMODIUM VIRGINIANUM	VIRGINIA FALSE-GROMWELL	G4	S2			Y
ORTHILIA SECUNDA	ONE-SIDED WINTERGREEN	G5	SH			N
PARONYCHIA VIRGINICA VAR VIRGINICA	YELLOW NAILWORT	G4T1Q	S1			N
PENSTEMON HIRSUTUS	HAIRY BEARDTONGUE	G4	S2			N
PHACELIA COVILLEI	BLUE SCORPION-WEED	G2	S1			Y
PHLOX PILOSA SSP PILOSA	DOWNY PHLOX	G5T5	S2			N
PLANTAGO CORDATA	HEART-LEAVED PLANTAIN	G4	SH			N
PLATANTHERA PERAMOENA	PURPLE FRINGELESS ORCHIS	G5	S2			Y
POTAMOGETON AMPLIFOLIUS	LARGE-LEAF PONDWEED	G5	S1S2			N
POTAMOGETON ROBBINSII	FLATLEAF PONDWEED	G5	SH			N
POTAMOGETON ZOSTERIFORMIS	FLATSTEM PONDWEED	G5	S1			N
PRUNUS SUSQUEHANAE	SAND CHERRY	G5T4	S1			N
PYCNANTHEMUM TORREI	TORREY'S MOUNTAIN-MINT	G2	S2?			Y
PYROLA CHLORANTHA	GREENISH-FLOWERED WINTERGREEN	G5	SH			N
QUERCUS PRINOIDES	DWARF CHINQUAPIN OAK	G5	S1			N
RANUNCULUS AMBIGENS	WATER-PLANTAIN SPEARWORT	G4	S1			Y
RANUNCULUS HEDERACEUS	LONG-STALKED CROWFOOT	G5	SH			N
RHODODENDRON ARBORESCENS	SMOOTH AZALEA	G4G5	S2			Y
SALIX EXIGUA	SANDBAR WILLOW	G5	S1			N
SIDA HERMAPHRODITA	VIRGINIA MALLOW	G2	S1			N
SILENE NIVEA	SNOWY CAMPION	G4?	S1			Y
SOLIDAGO RACEMOSA	STICKY GOLDENROD	G5T4?	S1			Y
SOLIDAGO RUPESTRIS	ROCK GOLDENROD	G4?	S1			Y
SPARTINA PECTINATA	FRESHWATER CORDGRASS	G5	S2			Y
SPIRANTHES OCHROLEUCA	YELLOW NODDING LADIES'-TRESSES	G4	S1			N
SYMPHYOTRICHUM ERICOIDES	WHITE HEATH ASTER	G5	S1			Y
VALERIANA PAUCIFLORA	VALERIAN	G4	S2			Y
VITIS RUPESTRIS	SAND GRAPE	G3	S1?			Y
WOLFFIA COLUMBIANA	COLUMBIA WATER-MEAL	G5	S1			N
XYRIS CAROLINIANA	CAROLINA YELLOW-EYED-GRASS	G4G5	S1			N

107 Records Processed

Note: Federal Status SOC and State status SC are not regulatory categories.
*Indicates at least one occurrence documented since 1981.



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Ecological Services
6669 Short Lane
Gloucester, VA 23061

October 16, 2003

Ms. Theresa Frusti
Kimley-Horn and Associates, Inc.
P.O. Box 33068
Raleigh, North Carolina 27636-3068

Re: Mount Vernon Circle Parking and
Trail Improvements, # 3001,
Fairfax County, Virginia

Dear Ms. Frusti:

The U.S. Fish and Wildlife Service has reviewed your request for information on federally listed species for the referenced project. This letter is submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

The Federal Highway Administration proposes, in coordination with the National Park Service and Mount Vernon, to construct a new 140-space parking lot, expand an existing lot by 160 spaces, and install a new pedestrian/bike trail in Fairfax County, Virginia. Based on the project description and location, it appears that this project is not likely to adversely affect any federally listed or proposed species or their designated critical habitat.

If you have any questions or need further assistance concerning this project, contact Ms. Jolie Harrison at (804) 693-6694, extension 208.

Sincerely,

for Karen L. Mayne
Supervisor
Virginia Field Office

Appendix D – Memorandum of Agreement

April 16, 2001

MEMORANDUM OF AGREEMENT

among the

**GEORGE WASHINGTON'S MOUNT VERNON ESTATE AND GARDENS
MOUNT VERNON LADIES' ASSOCIATION**

and the

**DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GEORGE WASHINGTON MEMORIAL PARKWAY**

and the

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

and the

FAIRFAX COUNTY GOVERNMENT

and the

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

for the

**PREPARATION OF
THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)
DOCUMENTATION**

for the

**ACCOMMODATION OF ADDITIONAL PARKING AND ASSOCIATED TRAFFIC AND
PEDESTRIAN SAFETY CONSIDERATIONS RELATED TO POTENTIAL CHANGES
IN VISITOR PATTERNS TO THE GEORGE WASHINGTON'S MOUNT VERNON
ESTATE AND GARDENS, AT THE INTERSECTION OF THE MOUNT VERNON
MEMORIAL HIGHWAY AND VIRGINIA ROUTE 235**

**GEORGE WASHINGTON MEMORIAL PARKWAY
FAIRFAX COUNTY, VIRGINIA**

The purpose of this Memorandum of Agreement (hereinafter referred to as the MOA) is to establish the roles, responsibilities, and procedures under which work shall be performed to prepare the National Environmental Policy Act (NEPA) documentation for the accommodation of additional parking and associated safety considerations related to potential changes in visitor patterns to the George Washington's Mount Vernon Estate and Gardens, at the intersection of the Mount Vernon Memorial Highway and Virginia Route 235, George Washington Memorial Parkway, in Fairfax County, Virginia. The George Washington's Mount Vernon Estate and Gardens is planning to renovate and expand their its capital facilities at Mount Vernon. Because the expansion may result in changes to visitor patterns at the George Washington's Mount Vernon Estate and Gardens, the safety of both pedestrians and traffic needs to be considered.

The following entities (hereinafter collectively known as "the Parties") will be involved in this effort: the George Washington's Mount Vernon Estate and Gardens, Mount Vernon Ladies' Association (hereinafter referred to as the ASSOCIATION); U.S. Department of Interior, National Park Service (hereinafter referred to as the NPS); Virginia Department of Transportation (hereinafter referred to as the VDOT); the Fairfax County Government (hereinafter referred to as the COUNTY); and the U.S. Department of Transportation, Federal Highway Administration's Virginia Division (hereinafter referred to as the FHWA-VA ~~VA~~ FHWA), and the Eastern Federal Lands Highway Division (hereinafter referred to as the EFLHD).

WHEREAS, the ASSOCIATION is a private non-profit organization that owns and operates George Washington's Mount Vernon Estate and Gardens;

WHEREAS, the COUNTY is the local Ggovernment agency for many stakeholders of the project;

WHEREAS, the NPS is the Federal agency with administrative oversight, maintenance, and jurisdictional authority for the Mount Vernon Memorial Highway segment of the George Washington Memorial Parkway;

WHEREAS, the VDOT is the State agency with administrative oversight, maintenance, and jurisdictional authority over State Route 235;

WHEREAS, 23 U.S.C. 308(a) authorizes the FHWA-VA and the EFLHD (~~FHWA-VA and EFLHD~~) to perform engineering and other services in connection with the survey, construction, maintenance, or improvements of highways for other Government or State cooperating agencies;

WHEREAS, funding has been identified for the preparation of the NEPA documentation; and

NOW, THEREFORE, pursuant to the authority contained in the "National Park Service Organic Act" of August 25, 1916 (39 Stat. 535), as amended and supplemented (16 U.S.C. 1 *et seq.*); the Economy Act (31 U.S.C. 1535); 23 C.F.R. Sections 204 and 308; The Capper-Cramton Act "Acquisition, Establishment, and Development of the George Washington Memorial Parkway," 71st Congress, Public Law 284, May 29, 1930 Pub. L. 71-284, 46 Stat. 482 (1930); and all applicable laws; the Parties in consideration of the mutual promises herein expressed, do hereby agree as follows:

ARTICLE I: SCOPE OF WORK

1. The NPS shall be a cooperating agency in the preparation of the NEPA decision document and shall (a) provide the Parties with timely existing information, analysis, review comments, and coordination in the preparation of the NEPA document; (b) adopt the final NEPA document if, after an independent review, it is concluded that the final NEPA document satisfies NPS NEPA requirements; (c) be the lead agency for all Section 106 compliance, and a signatory of the Section 106 MOA (if applicable) in accordance with the National Historic Preservation Act; and (d) participate in the public involvement process.
2. The VDOT shall be a participating agency in the preparation of the NEPA decision document and shall (a) cooperate in the preparation of the document by providing all available existing information related to State Route 235 and adjacent VDOT facilities ~~the project~~; (b) participate in the public involvement process (if necessary); and (c) review and comment on the environmental documentation (if VDOT determines that comments are necessary).
3. The FHWA-VA ~~VA FHWA~~ shall be a cooperating agency in the preparation of the NEPA decision document and shall (a) cooperate in the preparation of the document by providing all available existing information related to the project; (b) be a signatory to the Section 106 MOA (if applicable) in accordance with the National Historic Preservation Act; and (c) participate in the public involvement process.
4. The COUNTY shall be a cooperating agency in the preparation of the NEPA document and shall (a) provide the Parties with timely existing information, analysis, review comments, and coordination in the preparation of the NEPA document; (b) participate in the public involvement process; and (c) establish a Stakeholder Participation Panel--to be appointed by the Supervisor and consisting of local citizens, local elected officials, and community leaders.
5. The EFLHD shall be the lead agency in the preparation of the NEPA decision document and shall (a) prepare and approve environmental documentation required by the NEPA, as amended, and 23 CFR 771, and 4(f) evaluation (if applicable); (b) conduct the NEPA public involvement process, including regular meetings with the COUNTY Stakeholder Participation Panel (Attachment 1 to this MOA details the NEPA process that the EFLHD shall follow); (c) ensure that the final NEPA document includes information needed by the NPS to fulfill their its responsibilities to discharge NEPA and other requirements; (d) provide overall coordination of the project; (e) perform all survey, mapping, and subsurface investigations; (f) prepare and be a signatory to the 4(f) evaluation (if applicable), the Section 106 MOA (if applicable); and (g) provide project data to the Metropolitan Washington Council of Governments (MWCOG) for inclusion in the regional Transportation Improvement Plan (TIP) and the Comprehensive Long Range Plan (CLRP).

The EFLHD will also be responsible for the preparation and circulation for review of additional environmental review requirements under Section 4(f) and related laws, and shall include mitigation measures developed with the NPS for activities undertaken on lands under the administrative control and jurisdiction of the NPS. The EFLHD shall coordinate and cooperate with all counties affected by the proposed alternatives identified by the NEPA decision document.

6. The ASSOCIATION shall be a participating agency in the preparation of the NEPA decision document and shall (a) coordinate funding from private sources, (b) provide the Parties with timely existing information, analysis, review comments, and coordination in the preparation of the NEPA document; and (c) participate in the public involvement process.

ARTICLE II: TERMS OF THE AGREEMENT

1. The procurement of any required environmental or design ~~or construction~~ contracts will be in accordance with the Federal Acquisition Regulations and the Transportation Acquisition Regulations. The EFLHD will be the contracting office.
2. All Parties to the MOA will be afforded the opportunity to inspect, at any time, work in progress, the financial records, and any other supporting documentation, and to participate in all meetings and field reviews.
3. Nothing herein contained shall be construed as binding on, the NPS, the VDOT, the ASSOCIATION, the COUNTY, or the FHWA to expend any sum in excess of appropriations made by Congress for the purpose of this MOA, or to involve the NPS, the VDOT, the ASSOCIATION, the COUNTY, or the FHWA in any contract or other obligation for the further expenditure of money in excess of such appropriations.

ARTICLE III: DISBURSEMENT OF FUNDS

1. Funds appropriated shall be advanced to the EFLHD for the preparation of the NEPA document. Agencies requiring funds to complete portions of the work shall request funds from the EFLHD. Upon receipt of a request, the EFLHD shall prepare a Letter of Agreement to reimburse the requesting Agency for work performed. The requesting Agency shall invoice the EFLHD quarterly or less often as necessary. Invoices may be directed to the following address:

Federal Highway Administration
Eastern Federal Lands Highway Division
Finance Office
21400 Ridgetop Circle
Sterling, VA 20166-6511

ARTICLE IV: KEY OFFICIALS AND CONTACTS

1. Designated points of contact for the coordination of the NEPA decision document for this project are as follows:

Mr. Thomas Farley
 District Engineer Administrator
 Northern Virginia District
 Virginia Department of Transportation
~~3975 Fair Ridge Drive~~ 14685 Avion Parkway
 Fairfax Chantilly, VA ~~22033~~ 20151-1104
 Telephone: 703-383-245177
 Fax: 703-383-2470
 E-mail: TFarley@vdot.state.va.us

Ms. Joyce Curtis
 Assistant Division Administrator
 Federal Highway Administration
 Virginia Division
 P.O. Box 10249
 400 N. 8th Street, Room 750
 Richmond, VA 23240
 Telephone: 804-775-3344
 Fax: 804-775-3356
 E-mail: joyce.curtis@fhwa.dot.gov

Ms. Audrey Calhoun
 Superintendent
 National Park Service
 GWMP
 c/o Turkey Run Park
 McLean, VA 22101
 Telephone: 703-289-2500
 Fax: 703-289-2598
 E-mail: Audrey_Calhoun@nps.gov

Mr. Alan Teikari
 Planning and Coordination Engineer
 Federal Highway Administration
 Eastern Federal Lands Highway Division
 21400 Ridgetop Circle
 Sterling, VA 20166-6511
 Telephone: 703-404-6278
 Fax: 703-404-6217 285-0011
 E-mail: alan.teikari@fhwa.dot.gov

Mr. James C. Rees, Executive Director
 George Washington's Mount Vernon
 Estate and Gardens
 Mount Vernon Ladies' Association
 P.O. Box 110
 Mount Vernon, VA 22121
 Telephone: 703-799-8650
 Fax: 703-799-8654
 E-mail: jrees@mountvernon.org

Supervisor Gerald W. Hyland
 Board of Supervisors
 Mount Vernon District
 2511 Parkers Lane
 Alexandria, VA 22306
 Telephone: 703-780-7518
 Fax: 703-780-1491
 Staff Contact: Ms. Rose Lambert
 Chief Aide to Supervisor Hyland
 E-mail: rlambe@co.fairfax.va.us

The FHWA, the VDOT, the NPS, the COUNTY, and the ASSOCIATION shall maintain a close liaison and consult regularly on all matters pertaining to this MOA.

ARTICLE V: REQUIRED AND STANDARD CLAUSES

1. *Anti-Deficiency Act:* The Parties agree that no funds will be expended in excess of available appropriations.
2. *Non-Discrimination:* The Parties will abide by the provisions of Executive Order 11246, as amended; shall be in compliance with the requirements of Title VI of the *Civil Rights Act of 1964*, as amended (78 Stat. 252; 42 U.S.C. 2000(d) *et seq.*); Title V, Section 504 of the *Rehabilitation Act of 1973* (87 Stat. 394; 29 U.S.C. 794) as amended; the *Age Discrimination Act of 1975*, as amended (89 Stat. 728; 42 U.S.C. 6101 *et seq.*); and with all other Federal laws and regulations prohibiting discrimination on grounds of race, color, national origin, handicap, religion, or sex in employment and in providing facilities and services to the public.
3. *Interest of Members of Congress:* Pursuant to 41 U.S.C. Section 22, *Interest of Member of Congress*, “[N]o Member of Congress shall be admitted to any share or part of any contract or agreement made, entered into, or accepted by or on behalf of the United States, or to any benefit to arise thereupon.”
4. *Lobbying Prohibition:* The Parties shall abide by the provisions of 18 U.S.C. Section 1913, *Lobbying with Appropriated Moneys*, which states:

No part of the money appropriated by any enactment of Congress shall, in the absence of express authorization by Congress, be used directly or indirectly to pay for any personal service, advertisement, telegram, telephone, letter, printed or written matter, or other device, intended or designed to influence in any manner a Member of Congress, to favor or oppose, by vote or otherwise, any legislation or appropriation by Congress, whether before or after the introduction of any bill or resolution proposing such legislation or appropriation; but this shall not prevent officers or employees of the United States or of its departments or agencies from communicating to Members of Congress on the request of any Member or to Congress, through the proper official channels, requests for legislation or appropriations which they deem necessary for the efficient conduct of public business.

Whoever, being an officer or employee of the United States or of any department or agency thereof, violates or attempts to violate this section, shall be fined under this title or imprisoned not more than one year, or both; and after notice and hearing by the superior officer vested with the power of removing him, shall be removed from office or employment.

5. *Procurement:* This MOA is subject to all laws governing Federal procurements and to all regulations promulgated thereunder, whether now in force or hereafter enacted or promulgated.

6. *Severance of Terms and Compliance with Applicable Law*: Nothing in this MOA shall be construed as limiting or affecting the legal authorities of the Parties, or as requiring the Parties to perform beyond their respective authorities. The Parties shall comply with all applicable laws and regulations, and nothing herein contained shall be deemed to be inconsistent with or contrary to the purpose or intent of any Act of Congress or the laws of the State establishing, affecting, or relating to this MOA. If any term or provision of this MOA is held to be invalid or illegal, such term or provision shall not affect the validity or enforceability of the remaining terms and provisions.
7. *Drug Free Work Place Act (Required for use with Appropriated Funds)*: The Parties certify that comprehensive actions will be taken to ensure the workplace is drug free.
8. The Parties hereby accept and agree to comply with the applicable terms and conditions set forth in Title 23, United States Code, and all other applicable laws and regulations.
9. In the event that a claim is brought under the Federal Tort Claims Act (28 USC 2671, et seq.) against any Federal Party, alleging that the basis for the Claim is related to the performance of this MOA; it shall be the responsibility of the Party receiving the claim to coordinate with any other Federal Party regarding investigation, settlement, or litigation arising from such claim. All other Parties to this MOA will cooperate in this effort.
10. This MOA is subject to all laws, regulations, and rules governing NPS property, whether now in force or hereafter enacted or promulgated. Nothing in this MOA shall be construed as in any way impairing the NPS, or the VDOT for supervision, regulation, and control of their its property under such applicable laws, regulations, and rules.

ATTACHMENT 1: General/Preliminary Environment and Public Involvement Process for Safe Parking Accommodation of Potential Changes in Visitor Patterns to the George Washington's Mount Vernon Estate and Gardens at the Intersection of the Mount Vernon Highway and Virginia Route 235

1. Set and conduct initial public information meeting (including 30-day comment period).
2. Coordinate with possible public review and approval agencies and public interest groups as established in the MOA and input from the initial public information meeting.
3. Complete environmental scoping and resource surveys
 - A. Establish purpose and need for the proposed action
 - B. Establish general limits of study area
 - C. Research and obtain base environment, traffic, social, and economic data
4. Develop preliminary alternatives based on input from the Parties to the MOA, public meeting comments, environmental scoping, and resource survey information.
5. Review preliminary alternatives with Parties of the MOA and other appropriate public agencies.
6. Set and conduct second public information, present preliminary alternatives with pros/cons (including 30-day comment period).
7. Respond to, and address comments received.
8. Obtain additional information as necessary based on public and agency comments, (including but not limited to additional traffic and environmental data, etc.).
9. Review and narrow number, or revise alternatives based on latest public input, agency comments and social, economic and environmental information.
10. Based on information compiled from steps 1 through 8, begin to finalize text for the Environmental Assessment (EA) sections: Purpose and Need; Affected Environment; Development of Alternatives; and Selection of Alternatives.
11. Select preferred alternative.
12. Finalize EA.
13. Set and conduct public information meeting to review EA and preferred alternative (including 30-day comment period).
14. Respond to, and address comments received.
15. Prepare and issue either a Finding of No Significant Impact (FONSI) on the selected alternative or determine that an Environmental Impact Statement is required.

Appendix E – Summary of Public Involvement Process

Comment Summary
June 26, 2002 Public Information Meeting
Mount Vernon Circle Environmental Assessment
South County Government Center, Alexandria, Virginia

The following is a summary of comments from the public information meeting held as a part of the public involvement process for the Mount Vernon Circle Environmental Assessment. The meeting occurred on Wednesday, June 26, 2002 from 6:00 p.m. to 8:00 p.m. at the South County Government Center. The Government Center is located just north of the study area. The public was able to review boards with information related to the project. Personnel from the Federal Highway Administration Eastern Federal Lands Highway Division and Kimley-Horn and Associates, Inc. were available to answer questions. The public could provide written comments at the meeting or send in comments via e-mail or mail until July 26, 2002.

At the meeting, 194 people signed in. Of the people who attended, 34 provided written comments at the meeting. During the 30 day comment period, an additional 140 comment forms were received, for a total of 174 comment forms received, almost 90% of those attending.

The comment form asked three questions. The questions are as follows:

- What issues (e.g. parking, safety, traffic, etc.) do you think exist within the area of George Washington's Mount Vernon Estate and Gardens?
- What alternatives or solutions would address the purpose and need of the project?
- What additional environmental resources need to be investigated as part of this project?

The following paragraphs summarize the public's responses to each of these questions, based on the comment forms received. The complete list of responses is included following the summary.

What issues (e.g. parking, safety, traffic, etc.) do you think exist within the area of George Washington's Mount Vernon Estate and Gardens?

- The issue that was mentioned the most was parking. Eighty-nine of the meeting attendees acknowledged that parking, including bus parking, is a problem. Twenty-nine stated a parking capacity problem while 39 specified that parking problems occur either seasonally or on special occasions only. Fourteen thought that parking on the traffic circle should be eliminated.
- A smaller number of respondents cited safety and traffic problems. Most of the 20 comments on this issues cited pedestrian safety issues; 4 comments specifically mentioned cyclist safety. Twenty-two comments said that traffic, especially commuter traffic, is a problem.
- Twenty-two of the attendees stated that no issues regarding the area around George Washington's Estate and Gardens exist. The following topics had one comment each:
 - Neighborhood integrity
 - Historic integrity
 - Site identity
 - Replacing forested areas with paved areas
 - Location of new parking lots relative to neighborhoods
 - Public transportation access
- Three attendees expressed a desire to have a public meeting format in which they could verbally express their opinion.

What alternatives or solutions would address the purpose and need of the project?

- One hundred and sixty-three comments were offered as solutions for the parking issues. Seventy-five comments suggested that Mount Vernon add parking capacity on the actual grounds of the Mount Vernon Estate and Gardens. Fifty-two recommended expanding the current parking lots.
- Forty-five attendees suggested relieving parking problems by using a shuttle bus to transport visitors to and from George Washington's Mount Vernon Estates and Gardens. Parking areas that were recommended as remote parking lots include the Mount Vernon High School, the local church, and Fort Hunt Park. Two attendees suggested an expansion of the public transit system.
- Thirty-nine of the meeting attendees expressed opposition to any form of bypass. The main reason is that the bypass would encourage commuters to take the George Washington Memorial Parkway (GWMP) into Washington, D.C., which would increase traffic and damage the tranquil quality of the GWMP. In addition to the attendees that opposed a bypass, there were an additional 18 that objected to roadway expansion or improvements, and 15 that stated they did not want any new roads, for a total of 72 responses opposing road realignments.
- To resolve the issue related to pedestrian safety, 19 attendees stated that a pedestrian/street grade separation should be used. Other suggestions included increased signage, improvements to the crosswalks, pedestrian crossing signals, and a crossing guard for pedestrians. Two comments were received regarding cyclist safety, including bike racks and a new bike trail.
- Some of the other ideas that each received one comment include:
 - Add a signal where VA Rte 235 north turns left before the Mount Vernon Circle.
 - Eliminate left turn from VA Rte 235 south onto the GWMP to improve traffic flow.
 - Provide better bus access to George Washington's Mount Vernon Estate and Gardens.
 - Synchronize US 1 signals.
 - Add an additional lane around the traffic circle.
 - Environmentally friendly parking outside of the gate.
 - Additional parking in general.
 - Removing bus parking from VA Rte. 235.
 - Adding an additional lot on Federal land.
 - Not allowing parking on the Mount Vernon Traffic Circle.

What additional environmental resources need to be investigated as part of this project?

- The issue about which the attendees had the most concern was the reduction in wildlife habitat that would result from constructing either a roadway or parking lots outside the grounds of George Washington's Mount Vernon Estate and Gardens. Fifty-two attendees mentioned this as an issue.
- Thirty-five attendees mentioned water quality, runoff, wetlands, and drainage/erosion as environmental issues that need consideration.
- Fifty-nine attendees stated that noise pollution, light pollution, traffic, and air quality are environmental issues.
- Forty-three comments were concerned about the quality of life within the Mount Vernon area, the character of Mount Vernon, and other socioeconomic issues. Six stated that historic and archeological preservation were important issues.

Comment Summary of Mount Vernon Public Information Meeting

June 26, 2002

What issues (e.g. parking, safety, traffic, etc.) do you think exist within the area of George Washington's Mount Vernon Estate and Gardens?

Commuters

Excessive traffic on GWMP	5
Excessive speed on GWMP	4
Excessive commuters	2
Total	11

Tour Buses

Lack of enforcement of "No Idling" signs for buses	2
Lack of bus parking	1
Excessive noise	1
Total	4

Parking

Peak time & special events only	39
Insufficient parking in general	29
Parking on circle	14
Parking on neighborhood streets	3
Parking lot access	1
Total	85

Safety

Pedestrian Safety	11
Cyclist Safety	4
In general	2
Poor signage	1
Conflict between cyclists and parking	1
No safety issues	1
Total	20

Traffic

In general	9
Potential to attract more traffic	1
Traffic flow	1
Access to public transportation	1
Curve approaching Mount Vernon from north	1
Access	1
No signalization at traffic circle	1
Total	15

Preserving Mount Vernon "as is"	1
No issues	22

Total Comments Related to Issues: 158

What alternatives or solutions would address the purpose and need of the project?

Bus Parking

On-site bus parking with shelter	3
Use remote sites	3
Parking area other than VA Rte. 235	1
Total	7

Parking

Utilize parking on/within Mount Vernon walls/grounds	75
Expand parking	52
Build underground parking	14
Build multi-level parking garage	8
Restripe existing lots	5
Charge small fee for parking	2
Use existing parking lots as overflow parking	1
Add parking lots	1
Use trams to take visitors to parking areas	1
Enforce parking measures if using circle	1
Open one lot at a time for parking	1
No solutions that use parkland	1
No solutions that destroy neighborhood integrity	1
Total	163

Off-Site

Shuttles for visitors from other areas	45
Expand public transit systems	2
Total	47

Traffic

No bypass	39
No roadway expansion/improvements	18
No new roads	15
Solutions that increase commuter traffic	6
Leave traffic pattern as is	6
Add stoplight	6
Add signage to divert traffic	3
Do not add stoplight	3
Realign VA Rte. 235 to bypass circle	2
Synchronize US 1 lights	2
Eliminate left-turn from VA Rte. 235 to GWMP	2
Reduce signage	2
Make GWMP a toll road	1
Remove traffic from around circle	1
Add additional lane on circle	1
Total	107

Pedestrian Safety

Pedestrian grade separation	19
Add "Pedestrians Have Right-of-Way" Signs	1
Add pedestrian crossing signals	3

Hire pedestrian crossing guard	3
Pedestrian signage	1
Trim back shrubbery at VA Rte. 235 intersection	1
Total	28

Cyclist Safety

Add bike racks	1
Add bike trail to US 1	1
Total	2

Increase boat traffic 3

Total Comments Related to Alternatives: 355

What additional environmental resources need to be investigated as part of this project?

Natural Environment

Wildlife habitat (forest)	52
Water quality/runoff	26
Wetlands	7
Threatened and endangered species	5
Drainage/erosion	2
Total	92

Man-Made Environment

Air quality	33
Noise	12
Traffic	11
Light pollution	2
Buses on residential streets	1
Total	59

Social Environment

Character of neighborhoods	15
Character of Mount Vernon	10
Character of GWMP	6
Viewshed	4
Economic	2
Development at Mount Vernon	2
Devaluation of property	1
Community cohesion	1
Safety of pedestrians and residents	2
Total	43

Cultural Environment

Historic Preservation	2
Archaeological Preservation	4
Total	6

No Issues 2

Total Comments Received Regarding Issues: 202

Comment Summary
January 21, 2003 Public Meeting
Mount Vernon Circle Environmental Assessment
Walt Whitman Middle School, Alexandria, Virginia

The following is a summary of comments from the second public information meeting held as a part of the public involvement process for the Mount Vernon Circle Environmental Assessment. The meeting occurred on Tuesday, January 21, 2003 from 6:00 PM to 8:00 PM at the Walt Whitman Middle School in Alexandria, Virginia. The middle school is located northwest of the study area. The public was able to review boards with information related to the project for the first hour, while personnel from the Federal Highway Administration Eastern Federal Lands Highway Division and Kimley-Horn and Associates, Inc. were available to answer questions. At 7:00 PM, Larry Meisner from Kimley-Horn made a presentation summarizing the project and the recommended alternatives.

Following the presentation, FHWA Project Manager Jack Van Dop facilitated a public comment period when the citizens attending the meeting had the opportunity to offer their opinions about the project and the alternatives. The public was given the option of providing written comments at the meeting or sending in comments via mail until February 28, 2003. Responses to questions and comments given by citizens during the meeting will be posted to the FHWA website (<http://www.efl.fhwa.dot.gov/planning/nepa/index.htm>).

A total of 148 people attended the meeting on January 21, 2003. Of the people who attended, 63 provided written comments at the meeting. During the 30-day comment period following the meeting, an additional 89 people submitted comment forms, including approximately 35 citizens who did not attend the public meeting. A total of 152 comment forms were submitted, providing a response rate of approximately 80% of those attending the meeting.

The comment form provided asked two questions. The questions are as follows:

- Which of the preliminary parking alternatives do you prefer?
 - Alternative 1: Parking lot on Mt. Vernon property west of Route 235
 - Alternative 2: Expand East and West Parking Lots plus overflow parking lot on Mt. Vernon property west of Route 235
 - Alternative 3: Expand East and West Parking Lots and expand existing employee parking lot behind Mt. Vernon wall for overflow parking
 - Alternative 4: No-Build
- Which of the three trail alternatives do you prefer?
 - Alternative A: Cross Parkway with bridge, follow existing trail to Route 235, cross Route 235, and continue past post office
 - Alternative B: Continue from end of existing trail through parking lots and around circle to Route 235
 - Alternative C: Cross Parkway with bridge, stay behind west parking lots to Route 235 near the circle

The following paragraphs summarize the public's responses to each of these questions, based on the comment forms received. The complete list of responses is included following the summary.

Which of the preliminary parking alternative do you prefer?

- Overall, 126 citizens chose one of the presented alternatives "as is." Of these, six citizens preferred Alternative 1 as presented (5%), four preferred Alternative 2 (3%), 80 preferred Alternative 3 (63%), and 36 preferred Alternative 4 (29%). Also, 238 additional comments were received regarding the parking situation, described below.

- A total of 70 comments were offered regarding the parking lot "build" alternatives. Of these, the majority (53%) believe that all new parking should be put behind the wall on Mount Vernon property. This would eliminate the need to use NPS land, reduce tree loss, and eliminate pedestrian concerns. Specific suggestions for parking facilities behind the wall included underground parking, a partial gravel lot, and expansion of the employee parking lot. Suggestions were given to eliminate the concern of Estate safety caused by visitors parking behind the wall, including installing a security fence and posting guards. Other comments included underground parking outside the wall (11%), a parking structure on the East Lot (9%), and building parking in stages (9%). Nine percent also recommended expanding the East Lot and West Lot to accommodate all required spaces, beginning with an expansion into the cleared area west of the West Lot currently occupied by picnic tables to reduce the impact on the environment. Four citizens suggested expanding the East Lot and the employee lot, two preferred expanding the East Lot and the West Lot enough to accommodate vehicles currently parking on the traffic circle, and one recommended expanding the West Lot and the employee lot.
- In addition to comments regarding the build options, 37 comments were received regarding non-build solutions. Of these, 46% requested that remote parking with shuttles be studied further (including parking at Good Shepherd Church, Riverside Park, Mount Vernon High School, Woodlawn, Gunston Hall, and the Grist Mill), while 19% focused on public transportation. Fourteen percent suggested further study of timed entry, specifically for "mega-events" such as festivals and George Washington's birthday. An additional 8% thought that employees and volunteers should be shuttled in from a remote parking lot so that visitors could park in employee spaces, and 5% recommended that car or bus parking spots be added to the center area of the bus turn-around. Finally, one citizen recommended hiring a professional valet company, one suggested rotating parking between lots for more efficient parking, and one suggested having visitors pay for close parking and receiving a discount for using the shuttle.
- Seven comments were received about buses, six of which were concerned with bus idling. Comments reflected that buses idle longer than legally allowed, especially in the summer, without proper enforcement. One suggestion was to park buses behind the wall or in a remote parking area, which would also open existing bus parking areas for vehicles.
- A number of concerns were expressed regarding the impacts of parking alternatives. Pedestrian safety issues were addressed in 19 comments. The majority of these comments (74%) recommended that all parking should be either east of the Parkway or south of Route 235 South so that pedestrians would not be required to cross a road to enter Mount Vernon. Twenty-one percent were concerned that a driveway on Route 235 North would be dangerous for vehicles and neighborhoods. Also, one comment suggested that a police officer should be hired on busiest days for pedestrian safety.
- Environmental impacts were addressed in 29 comments. These citizens were concerned that the need for additional parking does not justify the negative environmental impact, and thought that Mount Vernon should be more protective of the environment. Sixty-two percent of these said that trees should be preserved where possible, and another 31% recommended studying the impact of each alternative on the environment (including air, water, water table, runoff drainage, animal habitats, and quality of life). Finally, two citizens (7%) thought that aesthetics should be considered, including the effect on the viewshed from GWMP and Route 235 and light pollution from the new parking lots.
- Neighborhood impacts were addressed by four people, including the health issues resulting from more vehicles driving near the homes as well as concern that any build alternative will negatively impact the environment and surrounding neighborhoods. Three comments also addressed the historic and cultural impacts of new parking, and

expressed a belief that Mount Vernon should not build more parking if that would result in a loss of historic characteristics.

- The cost of the project was brought up in 14 comments. Twelve citizens (86%) thought that Mount Vernon should bear the cost of the entire project, and that NPS land and federal funds should not be used for additional parking. They proposed that if new parking is built on NPS land, Mount Vernon should either purchase the land from NPS or "swap" land so that the final parking lot is located on Mount Vernon property. An additional two citizens requested information regarding the cost of each alternative, and suggested that the cost of leasing buses may be less than building new parking.
- Overall, 20 comments were offered regarding traffic and transportation infrastructure impacts. Two of these remarks requested the installation of an automatic gate at the West Lot exit to reduce the danger of exiting vehicles. An additional seven expressed opposition to adding congestion to the area, three opposed any changes to Route 235, three resisted any consideration of a bypass, and two requested a traffic signal at the traffic circle. One citizen requested each of the following: for the project team to provide traffic statistics, that the yield sign be changed to a stop sign at the circle, and that a traffic signal be installed at the intersection of Route 235/Route 235.
- The process and methodology of the study prompted 20 remarks. Of these, 81% (21 comments) were in response to the need for additional parking, including concerns that the future need is apparent but not proven — especially after September 11, 2001 — and that demand would be reduced further as a result of the war and terrorism. These comments reflected the opinion that new parking was not warranted based on provided information. Some citizens asked for verified data, including the number of days parking is on the traffic circle and future parking demand. Also, three (12%) citizens expressed concern that the parking alternatives adhere to the five SPP criteria. One comment stated that the decision should be based on engineering and cost consideration, and that as long as parking is needed, "no build" is not acceptable. Finally, one comment requested that construction wait until the completion of the Visitor Center.
- Finally, nine comments could not be classified into any of the categories identified above. Each of the following requests were made by two individuals (totaling six comments): expand 102 Connector bus service to 24 hours a day, 7 days a week; do not use the back gate (west gate/Old Mill) for any vehicle access; and restore the street lights on Route 235 next to the post office. One comment requested that an educational center be built west of Route 235, another suggested that Mount Vernon should reduce its advertising to reduce traffic, and a final comment expressed concern that the neighborhood, county, and state will agree and permit future development at Mount Vernon.

Which of the three trails alternatives do you prefer?

- Of the 81 citizens that chose one of the trail alternatives "as is," two preferred Alternative A (2%), 76 preferred Alternative B (92%), and five preferred Alternative C (6%). Also, 32 additional comments were offered and are described below.
- The need for a new parking trail prompted 11 comments. Of these, nine (83%) said that the majority of cyclists and pedestrians either stop at Mount Vernon for the facilities and refreshments and then return Alexandria, or they use the East Lot to start their trip to Alexandria. Those that cross over to the Fairfax path are serious bikers who ride on the road and don't usually use the path at all. More information was requested on the evaluation criteria for the trails and on trail usage. One citizen stated that he or she uses the trails extensively and is glad that a connection is being considered, and one citizen asked that new trail designs also consider the area beyond the Grist Mill.

- Regarding the specific alternatives, 11 citizens declared that they either did not want a crossover over the GWMP (six), recommended a tunnel under the parkway with CCTV cameras for security (four), or requested information on the cost of each alternative (one).
- Finally, five comments expressed concerns about traffic and transportation infrastructure. One comment requested that a sidewalk not be put on Route 235. Three people wanted to make sure that nothing is done that will lead to any changes, such as a bypass. Finally, two people were concerned that signage be installed to direct traffic and eliminate conflicts between vehicles and bikers/pedestrians.

Other Comments

Several people who sent in comments mentioned the format or setup of the public meetings (16 total). Four citizens were concerned that relevant information was not provided either at the meeting or on the website, and three commented on the meeting agenda. Although two citizens remarked that they were appreciative of the opportunity to offer comments, two attendees had comments on the audio system in the meeting room, and two stated that the slides were difficult to read. One commented that the meetings were not well publicized, and one person remarked that it appeared as though the meeting was advocating Mount Vernon rather than the FHWA or the citizens.

Parking Alternatives Chosen "As Is"

<u>Percent</u>	<u>Total</u>	<u>Alternative</u>
5%	6	Alternative 1 - Parking lot on Mt. Vernon property west of Route 235
3%	4	Alternative 2 - Expand East and West Parking Lots plus overflow parking lot on Mt. Vernon property west of Route 235
63%	80	Alternative 3 - Expand East and West Parking Lots and expand existing employee parking lot behind Mt. Vernon wall for overflow parking
29%	36	Alternative 4 - No-Build
Total	126	

<u>Percent</u>	<u>Quantity</u>	<u>Comment</u>
<i>Parking Lot "Build" Alternatives</i>		
53%	37	Put all new parking behind the wall. If necessary, build underground parking. Also consider half paved and half gravel. No NPS land loss, no tree loss, no pedestrian crossing concerns. Mount Vernon can set up an advanced sales office in the lot. To maintain control of visitors parking inside the wall: put up a security fence to guide the visitors to the main gate.
11%	8	Underground parking (i.e., beneath the existing lot north of Mount Vernon entrance gate).
9%	6	Build in stages. For example, expand the employee parking lot first. If more parking is warranted, then expand the East and West Lots (or vice versa).
9%	6	Construct a two-level garage over the East Lot -- this would provide necessary parking with minimal environmental impact.
9%	6	Expand East and West Lots to accommodate 290 spaces, expanding as much as possible into clearing west of West Lot where unused picnic tables sit.
6%	4	Expand East Lot and expand existing employee lot behind Mount Vernon for overflow parking.
3%	2	Build only 160 spaces to accommodate parking currently in the circle. Expand East Lot by 30 spaces, West Lot by 90 spaces, and put remainder in the volunteer lot. If further expansion is necessary in the future, put it behind the wall.
1%	1	Expand West Lot to 130 spaces and expand existing employee lot behind Mount Vernon for overflow parking.
100%	70	
<i>Other Alternatives</i>		
46%	17	Shuttle from: Good Shepherd Church, Riverside Park, Mount Vernon High School, Woodlawn, Gunston Hall, Grist Mill.
19%	7	Public transportation (i.e., shuttle from Huntington Metro).
14%	5	Timed entry to Mount Vernon, at least for "mega-events" such as "crafts" and "wine" festivals, George Washington's birthday, etc.
8%	3	Shuttle employees/volunteers (field b/t the Director's house & Ann Pamela Cunningham Building); use employee lots for visitors.
5%	2	Put some car or bus parking lots on the center area of the bus turn-around.
3%	1	Reconfigure and expand existing lots with rotations; opening 1 section at a time and rotating around until the 1st section empties, etc.
3%	1	Hire professional valet parking company (for a fee) to increase the number of cars that can park in existing lots.
3%	1	Visitors should pay for parking close to entry and have a discount for taking shuttles.
100%	37	
<i>Bus Parking</i>		
86%	6	Problem with bus idling. Control better, especially as buses increase. Perhaps park buses behind wall or remotely to control them and use existing bus parking for visitors.
14%	1	Improve bus parking. Expand parking to bus turnaround and adjacent area.
100%	7	
<i>Safety Impacts</i>		
74%	14	For pedestrian safety reasons, all parking should be either east of the Parkway or south of Route 235 South.
21%	4	No driveway on Route 235 North -- it will cause accidents for through traffic, and traffic from home developments will be threatened.
5%	1	Mount Vernon should hire a traffic cop on busiest days.
100%	19	

Environmental Impacts		
62%	18	Do not cut trees where possible; not justified by parking need. Mount Vernon should be protective of trees and environment.
31%	9	Study the impact of these alternatives on the environment (air, water, water table, runoff drainage, animal habitats, and quality of life).
7%	2	Consider aesthetics: Effect on the viewshed from GWMP or Route 235 North/South, and no lights in new lots.
100%	29	
Neighborhood Impacts		
100%	4	Dislike idea of cars coming near the homes; the exhaust is a health issue. Any new parking outside of the wall would negatively impact the neighborhoods.
100%	4	
Historic/Cultural Impacts		
100%	3	Mount Vernon should retain its historic characteristics.
100%	3	
Cost/Ownership		
86%	12	Mount Vernon should bear all costs of the parking project, including reimbursing NPS for their land or have a land swap
14%	2	I would like to know the cost of each alternative for parking and the trails; compare leasing buses with new parking
100%	14	
Traffic/Infrastructure Impacts		
35%	7	Against adding congestion.
15%	3	No bypass considered.
15%	3	Do not widen Route 235 (no changes).
10%	2	Traffic signal at the traffic circle.
10%	2	Put an automatic gate at the West Lot; cars use it as an exit; and can't be seen until after you turn right from the stop onto Route 235N.
5%	1	Traffic statistics -- accidents are low; no supporting evidence exists of traffic problems.
5%	1	Need a traffic signal at Route 235/Route 235. Cars runs the stops, get in the wrong lanes, etc. -- it is dangerous.
5%	1	Make the yield sign a stop sign at the circle.
100%	20	
Other Comments		
22%	2	Expand 102 Connector bus service to 24-7; right now it is 5-day, AM inbound and PM outbound.
22%	2	Do not use back gate (west gate/Old Mill) for any vehicle access.
22%	2	Street lights on Route 235 next to post office need to be restored.
11%	1	Put educational center west of Route 235.
11%	1	Get Mount Vernon to reduce its advertizing to reduce traffic.
11%	1	Will the neighborhood, county, state, agree and permit future development at Mount Vernon?
100%	9	
Process/Methodology		
81%	21	The future need is apparent but not proven (especially since 9/11); terrorism and war may decrease demand further. New parking is not warranted based on provided information. Verify data: that parking demand does not reflect visitors arriving by bus; number of days circle is used; an independent group should validate data.
12%	3	Adhere to 5 SPP criteria; none of the build alternatives meet criteria -- develop more alternatives that do meet the criteria.
4%	1	Decision should be based on engineering and cost consideration. As long as parking is needed, "no build" is not acceptable.
4%	1	Wait until the Visitor Center is complete before beginning anything with parking.
100%	26	
238		TOTAL ADDITIONAL COMMENTS ON PARKING

Trail Alternatives Chosen "As Is"

<u>Percent</u>	<u>Total</u>	<u>Alternative</u>
2%	2	Alternative A - Cross Parkway with bridge, follow existing trail to Route 235, cross Route 235, and continue past post office
92%	76	Alternative B - Continue from end of existing trail through parking lots and around circle to Route 235
6%	5	Alternative C - Cross Parkway with bridge, stay behind west parking lots to Route 235 near the circle
Total	83	

<u>Percent</u>	<u>Quantity</u>	<u>Comment</u>
		<i>Need</i>
83%	10	No trails needed -- the majority of bike/pedestrian use takes them to Mount Vernon to use the facilities and drinks and then back to Alexandria or they use the East Lot to start their trip to Alexandria. Those that cross over to the Fairfax path don't usually use the path at all. Most foot or bike traffic is not connected with attendance to Mount Vernon. Serious bikers use the roads at speeds over 20 MPH. Give more information on evaluation criteria and trail usage statistics.
8%	1	Trail expansion should begin with area beyond Grist Mill.
8%	1	Uses the trail extensively and glad there is a plan to connect the pieces in a more meaningful way.
100%	12	
		<i>Alternatives</i>
57%	8	Do not put a bridge over the Parkway.
36%	5	Tunnel for pedestrians/bikes under the circle with CCTV for security. Look at other locations, such as at covered bridge.
7%	1	I would like to know the cost of each alternative for parking and the trails.
100%	14	
		<i>Traffic/Infrastructure Impacts</i>
50%	3	Do not want a solution that will increase pressure for additional construction/changes such as a bypass.
33%	2	Install signage that directs vehicles and bikers/pedestrians to the correct crossovers.
17%	1	Do not put a sidewalk on Route 235 North.
100%	6	
	32	TOTAL COMMENTS ON TRAILS

<u>Percent</u>	<u>Quantity</u>	<u>Comment</u>
25%	4	Presentation was not posted on web as promised; post more information as well. The trail data was not presented at the meeting, and a biologist should have been present.
19%	3	Original agenda did not include comment period, which would have not been a "public meeting." Public meetings need better format. Avoid the impression that the study is pro forma and conclusions have already been made.
13%	2	Thank you for the opportunity to offer comments
13%	2	Slides used during presentation were difficult to read. Alternative slides were too small, and "preliminary parking concepts eliminated" bullets were not clear.
13%	2	Audio system difficult to hear through auditorium. Have everyone in Q&A use microphone.
6%	1	The June meeting was not adequately publicized.
6%	1	Who are the preliminary and final decision makers? Will they be at the next meeting to explain their rationale for decisions made?
6%	1	Felt like meeting was advocating Mount Vernon, not Federal Highways or citizens.
100%	16	
	16	TOTAL COMMENTS ON PUBLIC MEETING

Appendix F – List of Wildlife

Species found within a 3-mile radius of Mount Vernon

Virginia Department of Game and Inland Fisheries,
Fish and Wildlife Information Service
<http://vafwis.org/perl/vafwis.pl/vafwis>

Code	Status	Confirmed	Common Name	Scientific Name
040093	FTST	Yes	Eagle, bald	<i>Haliaeetus leucocephalus</i>
060006	FSSE	No	Floater, brook	<i>Alasmidonta varicosa</i>
040379	FSST	No	Sparrow, Henslow's	<i>Ammodramus henslowii</i>
010032	FSSS	No	Sturgeon, Atlantic	<i>Acipenser oxyrhynchus</i>
060071	FSSS	No	Lampmussel, yellow	<i>Lampsilis cariosa</i>
060029	FSSS	No	Lance, yellow	<i>Elliptio lanceolata</i>
040084	FS	Yes	Goshawk, northern	<i>Accipiter gentilis</i>
040292	FS	No	Shrike, migrant loggerhead	<i>Lanius ludovicianus migrans</i>
040320	FS	Yes	Warbler, cerulean	<i>Dendroica cerulea</i>
100154	FS	No	Butterfly, Persius duskywing	<i>Erynnis persius</i>
100248	FS	No	Fritillary, regal	<i>Speyeria idalia</i>
100155	FS	No	Skipper, Appalachian grizzled	<i>Pyrgus centaureae wyandot</i>
030062	ST	Yes	Turtle, wood	<i>Clemmys insculpta</i>
040096	ST	Yes	Falcon, peregrine	<i>Falco peregrinus</i>
040129	ST	No	Sandpiper, upland	<i>Bartramia longicauda</i>
040293	ST	Yes	Shrike, loggerhead	<i>Lanius ludovicianus</i>
010077	SS	Yes	Shiner, bridle	<i>Notropis bifrenatus</i>
040264	SS	Yes	Creeper, brown	<i>Certhia americana</i>
040372	SS	Yes	Crossbill, red	<i>Loxia curvirostra</i>
040364	SS	Yes	Dickcissel	<i>Spiza americana</i>
040032	SS	Yes	Egret, great	<i>Ardea alba egretta</i>
040366	SS	Yes	Finch, purple	<i>Carpodacus purpureus</i>

040241	SS	Yes	Flycatcher, alder	<i>Empidonax alnorum</i>
040094	SS	Yes	Harrier, northern	<i>Circus cyaneus</i>
040029	SS	No	Heron, little blue	<i>Egretta caerulea caerulea</i>
040040	SS	Yes	Ibis, glossy	<i>Plegadis falcinellus</i>
040285	SS	Yes	Kinglet, golden-crowned	<i>Regulus satrapa</i>
040112	SS	Yes	Moorhen, common	<i>Gallinula chloropus cachinnans</i>
040036	SS	Yes	Night-heron, yellow-crowned	<i>Nyctanassa violacea violacea</i>
040262	SS	Yes	Nuthatch, red-breasted	<i>Sitta canadensis</i>
040204	SS	Yes	Owl, barn	<i>Tyto alba pratincola</i>
040210	SS	Yes	Owl, long-eared	<i>Asio otus</i>
040213	SS	No	Owl, northern saw-whet	<i>Aegolius acadicus</i>
040189	SS	Yes	Tern, Caspian	<i>Sterna caspia</i>
040180	SS	No	Tern, Forster's	<i>Sterna forsteri</i>
040186	SS	Yes	Tern, least	<i>Sterna antillarum</i>
040278	SS	Yes	Thrush, hermit	<i>Catharus guttatus</i>
040304	SS	No	Warbler, Swainson's	<i>Limnothlypis swainsonii</i>
040306	SS	No	Warbler, golden-winged	<i>Vermivora chrysoptera</i>
040314	SS	Yes	Warbler, magnolia	<i>Dendroica magnolia</i>
040335	SS	Yes	Warbler, mourning	<i>Oporornis philadelphia</i>
040270	SS	Yes	Wren, sedge	<i>Cistothorus platensis</i>
040266	SS	Yes	Wren, winter	<i>Troglodytes troglodytes</i>
050045	SS	No	Otter, northern river	<i>Lontra canadensis lataxina</i>
060076	SS	No	Lampmussel, eastern	<i>Lampsilis radiata radiata</i>
010038		Yes	Alewife	<i>Alosa pseudoharengus</i>
010188		Yes	Bass, largemouth	<i>Micropterus salmoides</i>
010186		Yes	Bass, smallmouth	<i>Micropterus dolomieu</i>
010168		Yes	Bass, striped	<i>Morone saxatilis</i>

010183	Yes	Bluegill	<i>Lepomis macrochirus</i>
010034	Yes	Bowfin	<i>Amia calva</i>
010123	Yes	Bullhead, brown	<i>Ameiurus nebulosus</i>
010122	Yes	Bullhead, yellow	<i>Ameiurus natalis</i>
010062	Yes	Carp, common	<i>Cyprinus carpio</i>
010125	Yes	Catfish, channel	<i>Ictalurus punctatus</i>
010120	Yes	Catfish, white	<i>Ameiurus catus</i>
010103	Yes	Chub, creek	<i>Semotilus atromaculatus</i>
010067	No	Chub, river	<i>Nocomis micropogon</i>
010106	Yes	Chubsucker, creek	<i>Erimyzon oblongus</i>
010190	Yes	Crappie, black	<i>Pomoxis nigromaculatus</i>
010189	Yes	Crappie, white	<i>Pomoxis annularis</i>
010101	Yes	Dace, blacknose	<i>Rhinichthys atratulus</i>
010102	No	Dace, longnose	<i>Rhinichthys cataractae</i>
010366	Yes	Dace, rosyside	<i>Clinostomus funduloides</i>
010193	No	Darter, fantail	<i>Etheostoma flabellare</i>
010191	No	Darter, greenside	<i>Etheostoma blennioides</i>
010213	No	Darter, shield	<i>Percina peltata</i>
010211	No	Darter, stripeback	<i>Percina notogramma</i>
010397	Yes	Darter, tessellated	<i>Etheostoma olmstedii</i>
010131	Yes	Eel, American	<i>Anguilla rostrata</i>
010104	No	Fallfish	<i>Semotilus corporalis</i>
010033	No	Gar, longnose	<i>Lepisosteus osseus</i>
010059	Yes	Goldfish	<i>Carassius auratus</i>
010045	Yes	Herring, blueback	<i>Alosa aestivalis</i>
010143	Yes	Killifish, banded	<i>Fundulus diaphanus</i>
010146	Yes	Killifish, striped	<i>Fundulus majalis</i>
010002	No	Lamprey, sea	<i>Petromyzon marinus</i>

010129	No	Madtom, margined	<i>Noturus insignis</i>
010128	Yes	Madtom, tadpole	<i>Noturus gyrinus</i>
010043	Yes	Menhaden, Atlantic	<i>Brevoortia tyrannus</i>
010099	Yes	Minnow, bluntnose	<i>Pimephales notatus</i>
010063	No	Minnow, cutlips	<i>Exoglossum maxillingua</i>
010408	Yes	Minnow, eastern silvery	<i>Hybognathus regius</i>
010148	Yes	Mosquitofish, eastern	<i>Gambusia holbrooki</i>
010054	Yes	Mudminnow, eastern	<i>Umbra pygmaea</i>
010144	Yes	Mummichog	<i>Fundulus heteroclitus</i>
010166	Yes	Perch, white	<i>Morone americana</i>
010206	Yes	Perch, yellow	<i>Perca flavescens</i>
010055	Yes	Pickereel, redbfin	<i>Esox americanus americanus</i>
010182	Yes	Pumpkinseed	<i>Lepomis gibbosus</i>
010374	Yes	Quillback	<i>Carpionodes cyprinus</i>
010116	Yes	Redhorse, shorthead	<i>Moxostoma macrolepidotum</i>
010407	No	Sculpin, Potomac	<i>Cottus girardi</i>
010040	No	Shad, American	<i>Alosa sapidissima</i>
010041	Yes	Shad, gizzard	<i>Dorosoma cepedianum</i>
010042	No	Shad, threadfin	<i>Dorosoma petenense</i>
010072	No	Shiner, comely	<i>Notropis amoenus</i>
010080	No	Shiner, common	<i>Luxilus cornutus</i>
010068	Yes	Shiner, golden	<i>Notemigonus crysoleucas</i>
010087	No	Shiner, rosyface	<i>Notropis rubellus</i>
010073	Yes	Shiner, satinfin	<i>Cyprinella analostana</i>
010091	No	Shiner, spotfin	<i>Cyprinella spiloptera</i>
010082	Yes	Shiner, spottail	<i>Notropis hudsonius</i>
010086	No	Shiner, swallowtail	<i>Notropis procne</i>
010302	Yes	Silverside, inland	<i>Menidia beryllina</i>

010058	No	Stoneroller, central	<i>Campostoma anomalum</i>
010108	No	Sucker, northern hog	<i>Hypentelium nigricans</i>
010105	Yes	Sucker, white	<i>Catostomus commersoni</i>
010178	Yes	Sunfish, bluespotted	<i>Enneacanthus gloriosus</i>
010181	Yes	Sunfish, green	<i>Lepomis cyanellus</i>
010184	No	Sunfish, longear	<i>Lepomis megalotis</i>
010180	Yes	Sunfish, redbreast	<i>Lepomis auritus</i>
010185	No	Sunfish, redear	<i>Lepomis microlophus</i>
010052	No	Trout, brook	<i>Salvelinus fontinalis</i>
010177	Yes	Warmouth	<i>Lepomis gulosus</i>
020004	Yes	Bullfrog	<i>Rana catesbeiana</i>
020012	Yes	Frog, eastern cricket	<i>Acris crepitans crepitans</i>
020008	Yes	Frog, northern green	<i>Rana clamitans melanota</i>
020013	Yes	Frog, pickerel	<i>Rana palustris</i>
020018	Yes	Frog, southeastern chorus	<i>Pseudacris feriarum</i>
020016	Yes	Frog, southern leopard	<i>Rana sphenoccephala</i>
020019	Yes	Frog, wood	<i>Rana sylvatica</i>
020065	No	Newt, red-spotted	<i>Notophthalmus viridescens viridescens</i>
020071	Yes	Peeper, northern spring	<i>Pseudacris crucifer crucifer</i>
020069	Yes	Salamander, eastern mud	<i>Pseudotriton montanus montanus</i>
020029	Yes	Salamander, four-toed	<i>Hemidactylium scutatum</i>
020030	Yes	Salamander, green	<i>Aneides aeneus</i>
020035	Yes	Salamander, marbled	<i>Ambystoma opacum</i>
020038	Yes	Salamander, northern dusky	<i>Desmognathus fuscus</i>
020043	Yes	Salamander, northern red-backed	<i>Plethodon cinereus</i>
020070	Yes	Salamander, northern red	<i>Pseudotriton ruber ruber</i>

020053	Yes	Salamander, northern two-lined	<i>Eurycea bislineata</i>
020049	Yes	Salamander, spotted	<i>Ambystoma maculatum</i>
020051	Yes	Salamander, three-lined	<i>Eurycea guttolineata</i>
020080	Yes	Salamander, white-spotted slimy	<i>Plethodon cylindraceus</i>
020061	No	Spadefoot, eastern	<i>Scaphiopus holbrooki</i>
020059	Yes	Toad, American	<i>Bufo americanus</i>
020062	Yes	Toad, Fowler's	<i>Bufo fowleri</i>
020006	Yes	Treefrog, Cope's gray	<i>Hyla chrysoscelis</i>
020009	Yes	Treefrog, green	<i>Hyla cinerea</i>
030059	No	Cooter, eastern river	<i>Pseudemys concinna concinna</i>
030057	Yes	Cooter, northern red-bellied	<i>Pseudemys rubriventris rubriventris</i>
030016	No	Copperhead, northern	<i>Agkistrodon contortrix mokasen</i>
030049	No	Earthsnake, eastern smooth	<i>Virginia valeriae valeriae</i>
030026	Yes	Kingsnake, eastern	<i>Lampropeltis getula getula</i>
030027	No	Kingsnake, mole	<i>Lampropeltis calligaster rhombomaculata</i>
030002	Yes	Lizard, northern fence	<i>Sceloporus undulatus hyacinthinus</i>
030018	Yes	Racer, northern black	<i>Coluber constrictor constrictor</i>
030008	No	Racerunner, six-lined	<i>Cnemidophorus sexlineatus sexlineatus</i>
030012	No	Rattlesnake, timber	<i>Crotalus horridus</i>
030006	No	Skink, broadhead	<i>Eumeces laticeps</i>
030004	Yes	Skink, five-lined	<i>Eumeces fasciatus</i>
030007	Yes	Skink, little brown	<i>Scincella lateralis</i>

030005	No	Skink, southeastern five-lined	<i>Eumeces inexpectatus</i>
030077	Yes	Slider, red-eared	<i>Trachemys scripta elegans</i>
030058	No	Slider, yellowbellied	<i>Trachemys scripta scripta</i>
030023	No	Snake, black rat	<i>Elaphe obsoleta obsoleta</i>
030022	No	Snake, corn	<i>Elaphe guttata</i>
030044	Yes	Snake, eastern garter	<i>Thamnophis sirtalis sirtalis</i>
030024	Yes	Snake, eastern hognose	<i>Heterodon platirhinos</i>
030029	No	Snake, eastern milk	<i>Lampropeltis triangulum triangulum</i>
030045	No	Snake, eastern ribbon	<i>Thamnophis sauritus sauritus</i>
030019	Yes	Snake, eastern worm	<i>Carphophis amoenus amoenus</i>
030041	Yes	Snake, northern brown	<i>Storeria dekayi dekayi</i>
030042	Yes	Snake, northern red-bellied	<i>Storeria occipitomaculata occipitomaculata</i>
030020	Yes	Snake, northern ringneck	<i>Diadophis punctatus edwardsii</i>
030017	No	Snake, northern scarlet	<i>Cemophora coccinea copei</i>
030034	Yes	Snake, northern water	<i>Nerodia sipedon sipedon</i>
030033	Yes	Snake, queen	<i>Regina septemvittata</i>
030038	No	Snake, rough green	<i>Opheodrys aestivus aestivus</i>
030068	Yes	Turtle, eastern box	<i>Terrapene carolina carolina</i>
030051	No	Turtle, eastern mud	<i>Kinosternon subrubrum subrubrum</i>
030052	No	Turtle, eastern musk (= stinkpot)	<i>Sternotherus odoratus</i>
030060	Yes	Turtle, eastern painted	<i>Chrysemys picta picta</i>
030050	No	Turtle, eastern snapping	<i>Chelydra serpentina serpentina</i>
030063	No	Turtle, spotted	<i>Clemmys guttata</i>

040038	Yes	Bittern, American	<i>Botaurus lentiginosus</i>
040037	Yes	Bittern, least	<i>Ixobrychus exilis exilis</i>
040350	No	Blackbird, Brewer's	<i>Euphagus cyanocephalus</i>
040346	Yes	Blackbird, red-winged	<i>Agelaius phoeniceus</i>
040349	Yes	Blackbird, rusty	<i>Euphagus carolinus</i>
040282	Yes	Bluebird, eastern	<i>Sialia sialis</i>
040343	Yes	Bobolink	<i>Dolichonyx oryzivorus</i>
040100	Yes	Bobwhite, northern	<i>Colinus virginianus</i>
040068	Yes	Bufflehead	<i>Bucephala albeola</i>
040361	Yes	Bunting, indigo	<i>Passerina cyanea</i>
040363	No	Bunting, painted	<i>Passerina ciris ciris</i>
040401	Yes	Bunting, snow	<i>Plectrophenax nivalis nivalis</i>
040064	Yes	Canvasback	<i>Aythya valisineria</i>
040357	Yes	Cardinal, northern	<i>Cardinalis cardinalis</i>
040272	Yes	Catbird, gray	<i>Dumetella carolinensis</i>
040337	Yes	Chat, yellow-breasted	<i>Icteria virens virens</i>
040258	Yes	Chickadee, Carolina	<i>Poecile carolinensis</i>
040257	Yes	Chickadee, black-capped	<i>Poecile atricapillus</i>
040259	No	Chickadee, boreal	<i>Poecile hudsonicus</i>
040214	No	Chuck-will's-widow	<i>Caprimulgus carolinensis</i>
040113	Yes	Coot, American	<i>Fulica americana</i>
040024	Yes	Cormorant, double-crested	<i>Phalacrocorax auritus</i>
040353	Yes	Cowbird, brown-headed	<i>Molothrus ater</i>
040373	Yes	Crossbill, white-winged	<i>Loxia leucoptera</i>
040255	Yes	Crow, American	<i>Corvus brachyrhynchos</i>
040256	Yes	Crow, fish	<i>Corvus ossifragus</i>
040203	Yes	Cuckoo, black-billed	<i>Coccyzus erythrophthalmus</i>
040202	Yes	Cuckoo, yellow-billed	<i>Coccyzus americanus</i>

040200	No	Dove, common ground	<i>Columbina passerina</i>
040198	Yes	Dove, mourning	<i>Zenaida macroura carolinensis</i>
040197	Yes	Dove, rock	<i>Columba livia</i>
040142	No	Dowitcher, short-billed	<i>Limnodromus griseus</i>
040052	Yes	Duck, American black	<i>Anas rubripes</i>
040063	Yes	Duck, ring-necked	<i>Aythya collaris</i>
040076	Yes	Duck, ruddy	<i>Oxyura jamaicensis</i>
040061	Yes	Duck, wood	<i>Aix sponsa</i>
040154	Yes	Dunlin	<i>Calidris alpina hudsonia</i>
040092	Yes	Eagle, golden	<i>Aquila chrysaetos</i>
040030	No	Egret, cattle	<i>Bubulcus ibis</i>
040033	Yes	Egret, snowy	<i>Egretta thula</i>
040367	Yes	Finch, house	<i>Carpodacus mexicanus</i>
040042	Yes	Flamingo, greater	<i>Phoenicopterus ruber</i>
040221	Yes	Flicker, northern	<i>Colaptes auratus</i>
040239	Yes	Flycatcher, Acadian	<i>Empidonax vireescens</i>
040234	Yes	Flycatcher, great crested	<i>Myiarchus crinitus</i>
040244	Yes	Flycatcher, olive-sided	<i>Contopus cooperi</i>
040240	Yes	Flycatcher, willow	<i>Empidonax traillii</i>
040053	Yes	Gadwall	<i>Anas strepera</i>
040284	Yes	Gnatcatcher, blue-gray	<i>Polioptila caerulea</i>
040122	No	Golden-plover, American	<i>Pluvialis dominicus</i>
040067	Yes	Goldeneye, common	<i>Bucephala clangula americana</i>
040371	Yes	Goldfinch, American	<i>Carduelis tristis</i>
040045	Yes	Goose, Canada	<i>Branta canadensis</i>
040047	No	Goose, barnacle	<i>Branta leucopsis</i>
040049	No	Goose, lesser snow	<i>Chen caerulescens</i>

			<i>caerulescens</i>
040410	Yes	Goose, snow	<i>Chen caerulescens atlanticus</i>
040351	No	Grackle, boat-tailed	<i>Quiscalus major</i>
040352	Yes	Grackle, common	<i>Quiscalus quiscula</i>
040006	No	Grebe, eared	<i>Podiceps nigricollis</i>
040005	Yes	Grebe, horned	<i>Podiceps auritus</i>
040008	Yes	Grebe, pied-billed	<i>Podilymbus podiceps</i>
040004	Yes	Grebe, red-necked	<i>Podiceps grisegena</i>
040359	No	Grosbeak, black-headed	<i>Pheucticus melanocephalus</i>
040360	Yes	Grosbeak, blue	<i>Guiraca caerulea caerulea</i>
040365	Yes	Grosbeak, evening	<i>Coccothraustes vespertinus</i>
040368	No	Grosbeak, pine	<i>Pinicola enucleator</i>
040358	No	Grosbeak, rose-breasted	<i>Pheucticus ludovicianus</i>
040099	Yes	Grouse, ruffed	<i>Bonasa umbellus</i>
040175	Yes	Gull, Bonaparte's	<i>Larus philadelphia</i>
040169	No	Gull, California	<i>Larus californicus</i>
040174	No	Gull, Franklin's	<i>Larus pipixcan</i>
040164	Yes	Gull, Iceland	<i>Larus glaucoides</i>
040168	Yes	Gull, Thayer's	<i>Larus thayeri</i>
040172	No	Gull, black-headed	<i>Larus ridibundus</i>
040165	Yes	Gull, great black-backed	<i>Larus marinus</i>
040167	Yes	Gull, herring	<i>Larus argentatus</i>
040173	Yes	Gull, laughing	<i>Larus atricilla</i>
040166	Yes	Gull, lesser black-backed	<i>Larus fuscus</i>
040171	No	Gull, mew	<i>Larus canus</i>
040170	Yes	Gull, ring-billed	<i>Larus delawarensis</i>
040086	Yes	Hawk, Cooper's	<i>Accipiter cooperii</i>
040089	Yes	Hawk, broad-winged	<i>Buteo platypterus</i>

040088	Yes	Hawk, red-shouldered	<i>Buteo lineatus lineatus</i>
040087	Yes	Hawk, red-tailed	<i>Buteo jamaicensis</i>
040090	Yes	Hawk, rough-legged	<i>Buteo lagopus johannis</i>
040085	Yes	Hawk, sharp-shinned	<i>Accipiter striatus velox</i>
040027	Yes	Heron, great blue	<i>Ardea herodias herodias</i>
040028	Yes	Heron, green	<i>Butorides virescens</i>
040218	Yes	Hummingbird, ruby-throated	<i>Archilochus colubris</i>
040252	Yes	Jay, blue	<i>Cyanocitta cristata</i>
040387	Yes	Junco, dark-eyed	<i>Junco hyemalis</i>
040098	Yes	Kestrel, American	<i>Falco sparverius sparverius</i>
040119	Yes	Killdeer	<i>Charadrius vociferus</i>
040232	No	Kingbird, Cassin's	<i>Tyrannus vociferans</i>
040229	Yes	Kingbird, eastern	<i>Tyrannus tyrannus</i>
040220	Yes	Kingfisher, belted	<i>Ceryle alcyon</i>
040286	Yes	Kinglet, ruby-crowned	<i>Regulus calendula</i>
040082	No	Kite, swallow-tailed	<i>Elanoides forficatus forficatus</i>
040177	No	Kittiwake, black-legged	<i>Rissa tridactyla</i>
040245	Yes	Lark, horned	<i>Eremophila alpestris</i>
040001	Yes	Loon, common	<i>Gavia immer</i>
040253	No	Magpie, black-billed	<i>Pica pica</i>
040051	Yes	Mallard	<i>Anas platyrhynchos</i>
040251	Yes	Martin, purple	<i>Progne subis</i>
040344	Yes	Meadowlark, eastern	<i>Sturnella magna</i>
040078	Yes	Merganser, common	<i>Mergus merganser americanus</i>
040077	Yes	Merganser, hooded	<i>Lophodytes cucullatus</i>
040079	Yes	Merganser, red-breasted	<i>Mergus serrator serrator</i>

040097	Yes	Merlin	<i>Falco columbarius</i>
040271	Yes	Mockingbird, northern	<i>Mimus polyglottos</i>
040194	No	Murre, thick-billed	<i>Uria lomvia</i>
040035	Yes	Night-heron, black-crowned	<i>Nycticorax nycticorax hoactii</i>
040216	No	Nighthawk, common	<i>Chordeiles minor</i>
040261	Yes	Nuthatch, white-breasted	<i>Sitta carolinensis</i>
040069	Yes	Oldsquaw	<i>Clangula hyemalis</i>
040348	Yes	Oriole, Baltimore	<i>Icterus galbula</i>
040347	Yes	Oriole, orchard	<i>Icterus spurius</i>
040095	Yes	Osprey	<i>Pandion haliaetus carolinensis</i>
040330	Yes	Ovenbird	<i>Seiurus aurocapillus</i>
040209	Yes	Owl, barred	<i>Strix varia</i>
040206	Yes	Owl, great horned	<i>Bubo virginianus</i>
040211	No	Owl, short-eared	<i>Asio flammeus</i>
040201	No	Parakeet, Carolina	<i>Conuropsis carolinensis</i>
040312	Yes	Parula, northern	<i>Parula americana</i>
040243	Yes	Pewee, eastern wood	<i>Contopus virens</i>
040136	No	Phalarope, Wilson's	<i>Phalaropus tricolor</i>
040138	No	Phalarope, red	<i>Phalaropus fulicaria</i>
040101	No	Pheasant, ring-necked	<i>Phasianus colchicus</i>
040236	Yes	Phoebe, eastern	<i>Sayornis phoebe</i>
040054	Yes	Pintail, northern	<i>Anas acuta acuta</i>
040287	Yes	Pipit, American	<i>Anthus rubescens</i>
040107	Yes	Rail, Virginia	<i>Rallus limicola</i>
040105	Yes	Rail, king	<i>Rallus elegans</i>
040254	No	Raven, common	<i>Corvus corax</i>
040062	Yes	Redhead	<i>Aythya americana</i>

040369	No	Redpoll, common	<i>Carduelis flammea</i>
040341	Yes	Redstart, American	<i>Setophaga ruticilla</i>
040275	Yes	Robin, American	<i>Turdus migratorius</i>
040158	No	Ruff	<i>Philomachus pugnax</i>
040145	Yes	Sanderling	<i>Calidris alba</i>
040151	No	Sandpiper, Baird's	<i>Calidris bairdii</i>
040155	No	Sandpiper, curlew	<i>Calidris ferruginea</i>
040146	No	Sandpiper, semipalmated	<i>Calidris pusilla</i>
040132	No	Sandpiper, solitary	<i>Tringa solitaria</i>
040134	Yes	Sandpiper, spotted	<i>Actitis macularia</i>
040156	No	Sandpiper, stilt	<i>Calidris himantopus</i>
040225	Yes	Sapsucker, yellow-bellied	<i>Sphyrapicus varius</i>
040065	Yes	Scaup, greater	<i>Aythya marila</i>
040066	Yes	Scaup, lesser	<i>Aythya affinis</i>
040075	Yes	Scoter, black	<i>Melanitta nigra americana</i>
040074	Yes	Scoter, surf	<i>Melanitta perspicillata</i>
040073	Yes	Scoter, white-winged	<i>Melanitta fusca deglandi</i>
040205	Yes	Screech-owl, eastern	<i>Otus asio</i>
040060	Yes	Shoveler, northern	<i>Anas clypeata</i>
040370	Yes	Siskin, pine	<i>Carduelis pinus</i>
040141	Yes	Snipe, common	<i>Gallinago gallinago</i>
040108	Yes	Sora	<i>Porzana carolina</i>
040388	Yes	Sparrow, American tree	<i>Spizella arborea</i>
040392	No	Sparrow, Harris'	<i>Zonotrichia querula</i>
040396	Yes	Sparrow, Lincoln's	<i>Melospiza lincolnii</i>
040386	No	Sparrow, black-throated	<i>Amphispiza bilineata</i>
040389	Yes	Sparrow, chipping	<i>Spizella passerina</i>
040391	Yes	Sparrow, field	<i>Spizella pusilla</i>

040395	Yes	Sparrow, fox	<i>Passerella iliaca</i>
040378	Yes	Sparrow, grasshopper	<i>Ammodramus savannarum pratensis</i>
040342	Yes	Sparrow, house	<i>Passer domesticus</i>
040377	Yes	Sparrow, savannah	<i>Passerculus sandwichensis</i>
040398	Yes	Sparrow, song	<i>Melospiza melodia</i>
040397	Yes	Sparrow, swamp	<i>Melospiza georgiana</i>
040383	Yes	Sparrow, vesper	<i>Pooecetes gramineus</i>
040393	Yes	Sparrow, white-crowned	<i>Zonotrichia leucophrys</i>
040394	Yes	Sparrow, white-throated	<i>Zonotrichia albicollis</i>
040294	Yes	Starling, European	<i>Sturnus vulgaris</i>
040115	Yes	Stilt, black-necked	<i>Himantopus mexicanus</i>
040249	Yes	Swallow, barn	<i>Hirundo rustica</i>
040248	Yes	Swallow, northern rough-winged	<i>Stelgidopteryx serripennis</i>
040246	Yes	Swallow, tree	<i>Tachycineta bicolor</i>
040043	Yes	Swan, mute	<i>Cygnus olor</i>
040044	Yes	Swan, tundra	<i>Cygnus columbianus columbianus</i>
040217	Yes	Swift, chimney	<i>Chaetura pelagica</i>
040355	Yes	Tanager, scarlet	<i>Piranga olivacea</i>
040356	No	Tanager, summer	<i>Piranga rubra</i>
040354	No	Tanager, western	<i>Piranga ludoviciana</i>
040057	Yes	Teal, blue-winged	<i>Anas discors orphna</i>
040056	Yes	Teal, green-winged	<i>Anas crecca carolinensis</i>
040181	Yes	Tern, common	<i>Sterna hirundo</i>
040273	Yes	Thrasher, brown	<i>Toxostoma rufum</i>
040279	Yes	Thrush, Swainson's	<i>Catharus ustulatus</i>
040280	Yes	Thrush, gray-cheeked	<i>Catharus minimus</i>

040277	Yes	Thrush, wood	<i>Hylocichla mustelina</i>
040260	Yes	Titmouse, tufted	<i>Baeolophus bicolor</i>
040375	Yes	Towhee, eastern	<i>Pipilo erythrophthalmus</i>
040102	Yes	Turkey, wild	<i>Meleagris gallopavo silvestris</i>
040281	Yes	Veery	<i>Catharus fuscescens</i>
040298	No	Vireo, blue-headed	<i>Vireo solitarius</i>
040299	Yes	Vireo, red-eyed	<i>Vireo olivaceus</i>
040301	No	Vireo, warbling	<i>Vireo gilvus gilvus</i>
040295	Yes	Vireo, white-eyed	<i>Vireo griseus</i>
040297	Yes	Vireo, yellow-throated	<i>Vireo flavifrons</i>
040081	Yes	Vulture, black	<i>Coragyps atratus</i>
040080	Yes	Vulture, turkey	<i>Cathartes aura</i>
040340	No	Warbler, Canada	<i>Wilsonia canadensis</i>
040333	Yes	Warbler, Kentucky	<i>Oporornis formosus</i>
040311	Yes	Warbler, Nashville	<i>Vermivora ruficapilla</i>
040339	Yes	Warbler, Wilson's	<i>Wilsonia pusilla</i>
040302	Yes	Warbler, black-and-white	<i>Mniotilta varia</i>
040316	Yes	Warbler, black-throated blue	<i>Dendroica caerulescens</i>
040318	No	Warbler, black-throated gray	<i>Dendroica nigrescens</i>
040319	No	Warbler, black-throated green	<i>Dendroica virens</i>
040321	Yes	Warbler, blackburnian	<i>Dendroica fusca</i>
040325	No	Warbler, blackpoll	<i>Dendroica striata</i>
040307	No	Warbler, blue-winged	<i>Vermivora pinus</i>
040323	No	Warbler, chestnut-sided	<i>Dendroica pensylvanica</i>
040338	Yes	Warbler, hooded	<i>Wilsonia citrina</i>
040310	Yes	Warbler, orange-crowned	<i>Vermivora celata</i>

040329	Yes	Warbler, palm	<i>Dendroica palmarum</i>
040326	Yes	Warbler, pine	<i>Dendroica pinus</i>
040328	Yes	Warbler, prairie	<i>Dendroica discolor</i>
040303	Yes	Warbler, prothonotary	<i>Protonotaria citrea</i>
040305	Yes	Warbler, worm-eating	<i>Helmitheros vermivorus</i>
040317	No	Warbler, yellow-rumped	<i>Dendroica coronata cornata</i>
040322	No	Warbler, yellow-throated	<i>Dendroica dominica</i>
040313	Yes	Warbler, yellow	<i>Dendroica petechia</i>
040332	Yes	Waterthrush, Louisiana	<i>Seiurus motacilla</i>
040331	Yes	Waterthrush, northern	<i>Seiurus noveboracensis</i>
040289	No	Waxwing, Bohemian	<i>Bombycilla garrulus</i>
040290	Yes	Waxwing, cedar	<i>Bombycilla cedrorum</i>
040215	Yes	Whip-poor-will	<i>Caprimulgus vociferus</i>
040059	Yes	Wigeon, American	<i>Anas americana</i>
040058	Yes	Wigeon, Eurasian	<i>Anas penelope</i>
040140	Yes	Woodcock, American	<i>Scolopax minor</i>
040227	Yes	Woodpecker, downy	<i>Picoides pubescens medianus</i>
040226	Yes	Woodpecker, hairy	<i>Picoides villosus</i>
040222	Yes	Woodpecker, pileated	<i>Dryocopus pileatus</i>
040223	Yes	Woodpecker, red-bellied	<i>Melanerpes carolinus</i>
040224	Yes	Woodpecker, red-headed	<i>Melanerpes erythrocephalus</i>
040268	Yes	Wren, Carolina	<i>Thryothorus ludovicianus</i>
040265	Yes	Wren, house	<i>Troglodytes aedon</i>
040269	Yes	Wren, marsh	<i>Cistothorus palustris</i>
040131	Yes	Yellowlegs, lesser	<i>Tringa flavipes</i>
040336	Yes	Yellowthroat, common	<i>Geothlypis trichas</i>
050028	No	Bat, big brown	<i>Eptesicus fuscus fuscus</i>
050029	No	Bat, eastern red	<i>Lasiurus borealis borealis</i>

050030	No	Bat, hoary	<i>Lasiurus cinereus cinereus</i>
050020	No	Bat, little brown	<i>Myotis lucifugus lucifugus</i>
050025	No	Bat, silver-haired	<i>Lasionycteris noctivagans</i>
050069	No	Beaver	<i>Castor canadensis</i>
050051	No	Bobcat	<i>Lynx rufus rufus</i>
050055	Yes	Chipmunk, Fisher's eastern	<i>Tamias striatus fisheri</i>
050103	Yes	Cottontail, eastern	<i>Sylvilagus floridanus mallurus</i>
050125	No	Coyote	<i>Canis latrans</i>
050108	Yes	Deer, white-tailed	<i>Odocoileus virginianus</i>
050050	Yes	Fox, eastern gray	<i>Urocyon cinereoargenteus cinereoargenteus</i>
050049	No	Fox, red	<i>Vulpes vulpes fulva</i>
050085	No	Lemming, Stone's southern bog	<i>Synaptomys cooperi stonei</i>
050042	No	Mink, common	<i>Mustela vison mink</i>
050017	Yes	Mole, eastern	<i>Scalopus aquaticus aquaticus</i>
050019	No	Mole, star-nosed	<i>Condylura cristata cristata</i>
050071	No	Mouse, eastern harvest	<i>Reithrodontomys humulis virginianus</i>
050098	Yes	Mouse, house	<i>Mus musculus musculus</i>
050099	No	Mouse, meadow jumping	<i>Zapus hudsonius americanus</i>
050073	Yes	Mouse, northern white-footed	<i>Peromyscus leucopus noveboracensis</i>
050124	No	Mouse, prairie deer	<i>Peromyscus maniculatus bairdii</i>
050092	Yes	Muskrat, common	<i>Ondatra zibethicus zibethicus</i>
050093	No	Muskrat, large-toothed	<i>Ondatra zibethicus macrodon</i>

050022	No	Myotis, northern	<i>Myotis septentrionalis septentrionalis</i>
050001	Yes	Opossum, Virginia	<i>Didelphis virginiana virginiana</i>
050027	No	Pipistrelle, eastern	<i>Pipistrellus subflavus subflavus</i>
050038	Yes	Raccoon	<i>Procyon lotor lotor</i>
050095	No	Rat, Norway	<i>Rattus norvegicus norvegicus</i>
050094	No	Rat, black	<i>Rattus rattus rattus</i>
050078	No	Rat, marsh rice	<i>Oryzomys palustris palustris</i>
050013	Yes	Shrew, Kirtland's short-tailed	<i>Blarina brevicauda kirtlandi</i>
050015	No	Shrew, least	<i>Cryptotis parva parva</i>
050010	No	Shrew, pygmy	<i>Sorex hoyi winnemana</i>
050004	Yes	Shrew, smoky	<i>Sorex fumeus fumeus</i>
050007	Yes	Shrew, southeastern	<i>Sorex longirostris longirostris</i>
050047	No	Skunk, striped	<i>Mephitis mephitis nigra</i>
050048	No	Skunk, striped	<i>Mephitis mephitis</i>
050063	No	Squirrel, fox	<i>Sciurus niger vulpinus</i>
050058	Yes	Squirrel, northern gray	<i>Sciurus carolinensis pennsylvanicus</i>
050065	Yes	Squirrel, southern flying	<i>Glaucomys volans volans</i>
050059	No	Squirrel, talkative red	<i>Tamiasciurus hudsonicus loquax</i>
050082	Yes	Vole, meadow	<i>Microtus pennsylvanicus pennsylvanicus</i>
050091	Yes	Vole, pine	<i>Microtus pinetorum scalopsoides</i>
050040	No	Weasel, least	<i>Mustela nivalis allegheniensis</i>
050041	No	Weasel, long-tailed	<i>Mustela frenata</i>

			<i>noveboracensis</i>
050054	Yes	Woodchuck	<i>Marmota monax monax</i>
050087	No	vole, common Gapper's red-backed	<i>Clethrionomys gapperi gapperi</i>
060137	No	Mussel, creeper	<i>Strophitus undulatus</i>
060025	No	Mussel, eastern elliptio	<i>Elliptio complanata</i>
060012	No	Mussel, eastern floater	<i>Pyganodon cataracta cataracta</i>
070102	No	Crayfish, Appalachian brook	<i>Cambarus bartonii bartonii</i>
070095	No	Crayfish, devil	<i>Cambarus diogenes diogenes</i>
070094	No	Crayfish, no common name	<i>Cambarus acuminatus</i>
070088	No	Crayfish, no common name	<i>Cambarus robustus</i>
070098	No	Crayfish, spiny cheek	<i>Orconectes limosus</i>
070099	No	Crayfish	<i>Fallicambarus uhleri</i>
070097	No	Crayfish	<i>Orconectes immunis</i>
070104	No	Crayfish	<i>Orconectes obscurus</i>
080130	No	Dragonfly, common green darner	<i>Anax junius</i>
080166	No	Dragonfly, wandering glider	<i>Pantala flavescens</i>
100043	No	Armyworm	<i>Pseudaletia unipuncta</i>
100041	No	Borer, European corn	<i>Ostrinia nubilalis</i>
100006	No	Bug, squash	<i>Chelinidea vittiger</i>
100220	No	Butterfly, American copper	<i>Lycaena phlaeas</i>
100262	No	Butterfly, American lady	<i>Vanessa virginiensis</i>
100245	No	Butterfly, American snout	<i>Libytheana carinenta</i>
100274	No	Butterfly, Appalachian	<i>Satyrodes appalachia</i>

		brown	
100254	No	Butterfly, Baltimore checkerspot	<i>Euphydryas phaeton</i>
100177	No	Butterfly, Delaware skipper	<i>Anatrytone logan</i>
100184	No	Butterfly, Dion skipper	<i>Euphyes dion</i>
100185	No	Butterfly, Dun skipper	<i>Euphyes vestris</i>
100231	No	Butterfly, Edwards' hairstreak	<i>Satyrium edwardsii</i>
100161	No	Butterfly, European skipper	<i>Thymelicus lineola</i>
100145	No	Butterfly, Hayhurst's scallopwing	<i>Staphylus hayhurstii</i>
100224	No	Butterfly, Henry's elfin	<i>Callophrys henrici</i>
100178	No	Butterfly, Hobomok skipper	<i>Poanes hobomok</i>
100149	No	Butterfly, Horace's duskywing	<i>Erynnis horatius</i>
100148	No	Butterfly, Juvenal's duskywing	<i>Erynnis juvenalis</i>
100163	No	Butterfly, Leonard's skipper	<i>Hesperia leonardus</i>
100197	No	Butterfly, Ocola skipper	<i>Panoquina ocola</i>
100359	No	Butterfly, Peck's skipper	<i>Polites peckius</i>
100180	No	Butterfly, Zabulon skipper	<i>Poanes zabulon</i>
100232	No	Butterfly, banded hairstreak	<i>Satyrium calanus</i>
100092	No	Butterfly, black swallowtail	<i>Papilio polyxenes asterius</i>
100137	No	Butterfly, brown elfin	<i>Callophrys augustinus</i>
100205	No	Butterfly, cabbage white	<i>Pieris rapae</i>
100167	No	Butterfly, carus skipper	<i>Polites carus</i>
100206	No	Butterfly, checkered white	<i>Pontia protodice</i>

100159	No	Butterfly, clouded skipper	<i>Lerema accius</i>
100094	No	Butterfly, clouded sulphur	<i>Colias philodice</i>
100165	No	Butterfly, cobweb skipper	<i>Hesperia metea</i>
100265	No	Butterfly, common buckeye	<i>Junonia coenia</i>
100156	No	Butterfly, common checkered-skipper	<i>Pyrgus communis</i>
100157	No	Butterfly, common sootywing	<i>Pholisora catullus</i>
100277	No	Butterfly, common wood-nymph	<i>Cercyonis pegala</i>
100144	No	Butterfly, confused cloudywing	<i>Thorybes confusus</i>
100230	No	Butterfly, coral hairstreak	<i>Satyrium titus</i>
100168	No	Butterfly, crossline skipper	<i>Polites origenes</i>
100147	No	Butterfly, dreamy duskywing	<i>Erynnis icelus</i>
100188	No	Butterfly, dusted skipper	<i>Atrytonopsis hianna</i>
100258	No	Butterfly, eastern comma	<i>Polygonia comma</i>
100225	No	Butterfly, eastern pine elfin	<i>Callophrys niphon</i>
100238	No	Butterfly, eastern tailed-blue	<i>Everes comyntas</i>
100093	No	Butterfly, eastern tiger swallowtail	<i>Papilio glaucus</i>
100209	No	Butterfly, falcate orangetip	<i>Anthocharis midea</i>
100162	No	Butterfly, fiery skipper	<i>Hylephila phyleus</i>
100223	No	Butterfly, frosted elfin	<i>Callophrys irus</i>
100276	No	Butterfly, gemmed satyr	<i>Cyllopsis gemma</i>
100201	No	Butterfly, giant swallowtail	<i>Papilio cresphontes</i>
100139	No	Butterfly, golden-banded skipper	<i>Autochton cellus</i>

100228	No	Butterfly, gray hairstreak	<i>Strymon melinus</i>
100249	No	Butterfly, great spangled fritillary	<i>Speyeria cybele</i>
100270	No	Butterfly, hackberry emperor	<i>Asterocampa celtis</i>
100219	No	Butterfly, harvester	<i>Feniseca tarquinius</i>
100141	No	Butterfly, hoary edge	<i>Achalarus lyciades</i>
100160	No	Butterfly, least skipper	<i>Ancyloxypha numitor</i>
100175	No	Butterfly, little glassywing	<i>Pompeius verna</i>
100279	No	Butterfly, little wood-satyr	<i>Megisto cymela</i>
100217	No	Butterfly, little yellow	<i>Eurema lisa</i>
100252	No	Butterfly, meadow fritillary	<i>Boloria bellona</i>
100079	No	Butterfly, monarch	<i>Danaus plexippus</i>
100150	No	Butterfly, mottled duskywing	<i>Erynnis martialis</i>
100090	No	Butterfly, mourning cloak	<i>Nymphalis antiopa</i>
100173	No	Butterfly, northern broken dash	<i>Wallengrenia egeremet</i>
100143	No	Butterfly, northern cloudywing	<i>Thorybes pylades</i>
100272	No	Butterfly, northern pearly-eye	<i>Enodia anthedon</i>
100236	No	Butterfly, olive juniper hairstreak	<i>Callophrys gryneus gryneus</i>
100211	No	Butterfly, orange sulphur	<i>Colias eurytheme</i>
100263	No	Butterfly, painted lady	<i>Vanessa cardui</i>
100257	No	Butterfly, pearl crescent	<i>Phyciodes tharos</i>
100200	No	Butterfly, pipevine swallowtail	<i>Battus philenor</i>
100259	No	Butterfly, question mark	<i>Polygonia interrogationis</i>
100264	No	Butterfly, red admiral	<i>Vanessa atalanta</i>

100235	No	Butterfly, red-banded hairstreak	<i>Calycopis cecrops</i>
100268	No	Butterfly, red-spotted purple	<i>Limenitis arthemis astyanax</i>
100174	No	Butterfly, sachem	<i>Atalopedes campestris</i>
100082	No	Butterfly, silver-spotted skipper	<i>Epargyreus clarus</i>
100255	No	Butterfly, silvery checkerspot	<i>Chlosyne nycteis</i>
100146	No	Butterfly, sleepy duskywing	<i>Erynnis brizo</i>
100216	No	Butterfly, sleepy orange	<i>Eurema nicippe</i>
100142	No	Butterfly, southern cloudywing	<i>Thorybes bathyllus</i>
100226	No	Butterfly, southern hairstreak	<i>Satyrium favonius</i>
100202	No	Butterfly, spicebush swallowtail	<i>Papilio troilus</i>
100239	No	Butterfly, spring azure	<i>Celastrina ladon</i>
100234	No	Butterfly, striped hairstreak	<i>Satyrium liparops</i>
100158	No	Butterfly, swarthy skipper	<i>Nastra lherminier</i>
100269	No	Butterfly, tawny emperor	<i>Asterocampa clyton</i>
100169	No	Butterfly, tawny-edged skipper	<i>Polites themistocles</i>
100247	No	Butterfly, variegated fritillary	<i>Euptoieta claudia</i>
100266	No	Butterfly, viceroy	<i>Limenitis archippus</i>
100227	No	Butterfly, white M hairstreak	<i>Parrhasius m-album</i>
100153	No	Butterfly, wild indigo duskywing	<i>Erynnis baptisiae</i>
100204	No	Butterfly, zebra swallowtail	<i>Eurytides marcellus</i>

100026	No	Deerfly	<i>Chrysops vittatus vittatus</i>
100042	No	Earworm, corn	<i>Heliathis zea</i>
100035	No	Gnat	<i>Culicoides debipalpis</i>
100033	No	Gnat	<i>Culicoides footei</i>
100032	No	Gnat	<i>Culicoides guttipennis</i>
100031	No	Gnat	<i>Culicoides hinmani</i>
100020	No	Gnat	<i>Culicoides nanus</i>
100019	No	Gnat	<i>Culicoides ousairani</i>
100018	No	Gnat	<i>Culicoides paraensis</i>
100017	No	Gnat	<i>Culicoides snowi</i>
100016	No	Gnat	<i>Culicoides stellifer</i>
100015	No	Gnat	<i>Culicoides villosipennis</i>
100296	No	Moth, Five-spotted hawk	<i>Manduca quinquemaculata</i>
100095	No	Moth, Luna	<i>Actias luna</i>
100098	No	Moth, Polyphemus	<i>Antheraea polyphemus</i>
100307	No	Moth, Southern pine sphinx	<i>Lapara coniferarum</i>
100317	No	Moth, Virginia-creeper sphinx	<i>Darapsa myron</i>
100290	No	Moth, buck	<i>Hemileuca maia</i>
100100	No	Moth, catalpa sphinx	<i>Ceratomia catalpae</i>
100014	No	Moth, clear-wing	<i>Synanthedon castaneae</i>
100040	No	Moth, codling	<i>Cydia pomonella</i>
100047	No	Moth, gypsy	<i>Lymantria dispar</i>
100312	No	Moth, hummingbird clearwing	<i>Hemaris thysbe</i>
100289	No	Moth, pinkstriped oakworm	<i>Anisota virginiensis</i>
100284	No	Moth, regal	<i>Citheronia regalis</i>
100286	No	Moth, rosy maple	<i>Dryocampa rubicunda</i>

100310	No	Moth, small-eyed sphinx	<i>Paonias myops</i>
100101	No	Moth, snowberry clearwing	<i>Hemeris diffinis</i>
100287	No	Moth, spiny oakworm	<i>Anisota stigma</i>
100300	No	Moth, waved shinx	<i>Ceratomia undulosa</i>
100294	No	Moth, whitelined sphinx	<i>Hyles lineata</i>
100193	No	Roadside-skipper, common	<i>Amblyscirtes vialis</i>
110230	No	Tick, American dog	<i>Dermacentor variabilis</i>
110232	No	Tick, brown dog	<i>Rhipicephalus sanguineus</i>
110228	No	Tick, lone star	<i>Amblyomma americanum</i>
110231	No	Tick, rabbit	<i>Haemaphysalis leporispalustris</i>
110229	No	Tick, winter	<i>Dermacentor albipictus</i>
	Yes	Eastern Gray Fox*	

* Regionally rare species observed November 20, 2003, by GWMP RM staff

CODE	TRANSLATION
FE	Federal Endangered
FT	Federal Threatened
FP	Federal Proposed
FC	Federal Candidate
FS	Federal Species of Concern
SE	State Endangered
ST	State Threatened
SS	State Special Concern
SC	State Candidate