

APPENDIX B

POTENTIAL SOURCES OF DATA

These data may be available at the District office, and the various functional elements (e.g., hydraulics, hydrology, environmental resources, geotechnical) should be consulted. Coordination among these elements can also facilitate interpretation of the data in the context of the project.

<u>Type of Data</u>	<u>Sources</u>
1. <u>Watershed conditions</u>	
a. Climate	National Weather Service climatic summaries; US Weather Bureau Technical Paper 40, "Rainfall Frequency, Atlas of the United States"
b. Topography	USGS topographic maps; city and county topographic surveys; aerial photos
c. Soils/geology	County soil surveys, state geologic survey sheets; aerial photos
d. Sediment yield	Local SCS office; state natural resource surveys
e. Land use/cover	Local planning agencies, USGS 1:250,000 land use quadrangles (LUDA sheets); aerial photos
f. Hydrology	(See sources under Climate); USGS National Water Data Exchange (NAWDEX) file; drainage district maps
g. Water quality	USGS Water Supply Papers ("Quality of Surface Waters of the United States" and "Quality of Surface Waters for Irrigation, Western United States"); data collected under the National Water Quality Network, data published by other Federal agencies (Tennessee Valley Authority, US Public Health Service, Bureau of Reclamation, Department of Agriculture, US Environmental Protection Agency (USEPA), etc.); and reports of various state and local agencies. Federal agencies that collect water data coordinate their activities through the NAWDEX maintained by the USGS. The USEPA maintains water quality data in its STORET file, which can be accessed by

<u>Type of Data</u>	<u>Sources</u>
1. <u>Watershed conditions (Cont.)</u>	
g. Water quality (Cont.)	computer.* Data may also be available within the District from studies conducted for other projects in the watershed.
2. <u>Stream and floodplain</u>	
a. Stream morphology	Large-scale topographic maps; aerial photos; field measurements; close-range photography; drainage district records
b. Streambank stratigraphy	Exposed sections; construction test borings; soil maps; drainage district records
3. <u>Historic data on land use, floods, prior modifications</u>	Drainage districts, courthouse records, old surveys, longtime residents, archives, newspaper files
4. <u>Unique resources</u>	
a. Historical sites, including prehistoric archeological sites	National Register of Historical Places; State Historic Preservation Officer; National Park Service archeologists; professional archeologists, courthouse records, archives; local historians and historical societies
b. Trees	National Register of Big Trees; American Forestry Association; state tree registers.
c. Threatened and/or endangered species	US Fish and Wildlife Service Regional Offices, Office of Endangered Species, Washington, DC; National Oceanographic and Atmospheric Administration, National Marine Fisheries Service Regional Offices, Protected Species Management Branch; state fish and game or conservation agencies.

* Contact: NAWDEX, USGS, 421 National Center, Reston, VA 22092 (703-860-6031) and STORET User Assistance Section, Section Chief WH-553, Office of Water Regulations and Standards, USEPA, Washington, DC 20460 (202-382-7220).