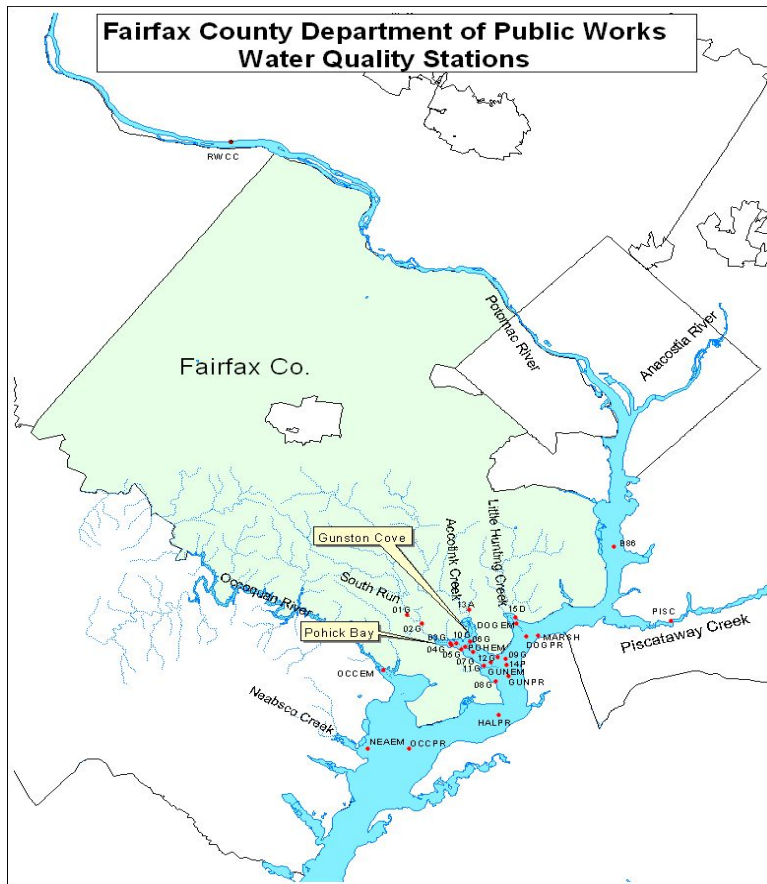


Example of Information Fields to Be Included in the Potomac
Monitoring Information Database Website
[Using Fairfax Co. Dept. of Public Woks and Environmental Services as example]

**FAIRFAX COUNTY MONITORING PROGRAMS:
Fairfax County Department of Public Works and Environmental Services**



City/county:
Fairfax County, VA

Overview:
The Fairfax County Department of Public Works and Environmental Services monitors the water quality of Gunston Cove, Accotink Bay, Pohick Bay and Pohick Creek in the vicinity of the Lower Potomac Pollution Control Plant.

Station locations:
(We can use lat/long information and/or text (ie, off River Road, etc)

Parameters collected:
BOD5, CBOD5, CHLA, CHLORIDE, COND, DO, FCOLI, NH3_N, NO2_N, NO3_N, OP, OX_N, PH, SECCHI, TALK, TEMP, TKN, TP, TSP, TSS, VSS
(Perhaps we should use the entire parameter name instead of abbreviations to avoid confusion. We have a data dictionary link on the water quality website.

Methods:

Types of monitoring:

Frequency:
Monitoring is conducted monthly from November through March and twice a month from April through October.

Purpose of monitoring program:
The Wastewater Management’s ecosystem monitoring program identifies trends and impacts to the receiving water environment. The program has been in place since 1983 and monitors the ecosystem’s biological

Project begin date:

Project end date:

Monitoring Website :
http://www.fairfaxcounty.gov/dpwes/wastewater/monitoring_streams.htm

<http://percec.cos.gmu.edu/>

Agency Website : <http://www.fairfaxcounty.gov/dpwes/>

composition and abundance, species diversity, and receiving water quality. Gunston Cove, on the Potomac River, is a key area of focus of this program since it receives treated wastewater effluent from the Norman M. Cole, Jr. Pollution Control Plant.

Reports publicly available : [list]

Data available to the public? [yes/no]

Sampling and monitoring are jointly conducted by Fairfax laboratory staff and George Mason University, and are funded by Fairfax County. The scope of monitoring activities is reviewed and updated annually to ensure that sampling and testing is representative of the ecosystem's health and diversity. Characterization of the water quality and biota enables identification of trends and impacts, which in turn can be evaluated for any needed actions.

Is monitoring is ongoing or project specific/grant-driven?

Funding sources:

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