

Hydrology Investigation

Site Definition Sheet

School name: _____ Class or group name: _____

Name(s) of Student(s) filling in Site Definition Sheet: _____

Date: _____ Check one: New Site Metadata Update

Site Name: _____
(create a unique name that describes the location of your site)

Coordinates: Latitude: _____ N or S Longitude: _____ E or W

Elevation: _____ meter

Source of Location Data (check one): GPS Other _____

If Other, describe: _____

Name of Water Body: _____
(Name commonly used on maps)

Water Type:

Salt (> 25 ppt) Brackish (2-25 ppt) Fresh (<2 ppt)

Moving Water:

Stream or river

Other _____

Approximate width of moving water: _____ meters

Standing Water:

Pond Lake Reservoir Bay Ditch Ocean Estuary

Other: _____

Size of Standing Water:

Much smaller than 50 m X 100 m

Roughly 50 m X 100 m

Much larger than 50 m X 100 m

Approximate Area of Standing Water: _____ km²

Average Depth of Standing Water: _____ meters

Sample Location:

Outlet Bank Bridge Boat Inlet Pier

Can you see the bottom?:

Yes No

Channel/Bank Material (Check all that apply):

- Soil Rock Concrete Vegetated bank

Bedrock (Check all that apply):

- Granite Lime stone Volcanics Mixed sediments Don't Know

Freshwater Habitats Present (Check all that apply):

- Rocky substrate Vegetated banks Mud Substrate Sand substrate
 Submersed vegetation Logs

Saltwater Habitats Present (Check all that apply):

- Rocky shore Sandy shore Mud flats/Estuary

Dissolved Oxygen Kit

Manufacturer: Lamotte Hach Other : _____

Model Name: _____

Alkalinity Kit

Manufacturer: Lamotte Hach Other : _____

Model Name: _____

Nitrate Kit

Manufacturer: Lamotte Hach Other : _____

Method: Zinc Cadmium

Model Name: _____

Salinity Titration Kit

Manufacturer: Lamotte Hach Other : _____

Model Name: _____

Comments: General description of your study site and metadata
