

Limnology Data Sheet

Collector's Name _____ Vessel _____

Sampling Location _____

Date _____ Time _____ Air Temperature _____ °C _____ °F

Wind Direction & Speed _____ Wave Direction _____ & Wave Height _____ meters

Station Depth _____ meters _____ cm

Percent Sunlight _____ % (estimate of clear vs. cloudy sky)

Sunlight Penetration:

Secchi Depth _____ cm (1st reading)

Secchi Depth _____ cm (2nd reading)

Total _____ /2 = _____ (avg.)

Photic Zone Depth= avg. x 3 _____

Tube Sampler (0-2 meters) Bottle # _____

Water Chemistry		
Depth (M)	Temp (°C)	Dissolved O ₂
Surface		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

ORGANISMS COLLECTED

1) Plankton – Microscopic plants and animals transported by waves or current

Phytoplankton = PLANTS

Zooplankton = ANIMALS

2) Benthos – Bottom dwelling organisms: (Examples: insect larvae, dreissenid mussels, aquatic snails)

BENTHOS ☐ Mayfly Nymph ☐ Midge Larvae ☐ Snail ☐ Zebra/Quagga Mussels ☐ Native Mussel
☐ Plants ☐ Aquatic Worm ☐ Other _____

3) Nekton – Free swimming animals:

Start Coordinates: (Latitude) **41°** _____ (Longitude) **82°** _____ Start Time _____End Coordinates: (Latitude) **41°** _____ (Longitude) **82°** _____ End Time _____**List all the species of fish caught with the Otter Trawl** (caught/kept)

_____/_____ Channel Catfish	_____/_____ Goby	_____/_____ Walleye
_____/_____ Common Carp	_____/_____ Quillback Sucker	_____/_____ White Bass
_____/_____ Emerald Shiner	_____/_____ Silver Chub	_____/_____ White Perch
_____/_____ Freshwater Drum	_____/_____ Spottail Shiner	_____/_____ Yellow Perch
_____/_____ Gizzard Shad	_____/_____ Troutperch	
Other(s) _____	_____/_____ _____	_____/_____ _____
_____/_____ _____	_____/_____ _____	_____/_____ _____