



Maine DEP Stream Algae Field Data Sheet

Stream:	Station # :	Town:
Directions:		
Coordinates :	Photo ID:	

* projection=NAD83; units=metric; north ref=magnetic

Water and Stream Measurements

Trip #1

Date/Time	
Collectors	
Width (wetted)	m
Width (bank)	m
Depth	cm
Velocity	cm/s
DO Probe #	calibrated? Y / N
DO	ppm
MultiProbe #	calibrated? Y / N
Temperature	° C
pH	
Conductivity	μ S/cm
Temp Probe Deployed?	

Water and Stream Measurements

Trip #2

Date/Time	
Collectors	
Width (bank)	m
Width (wetted)	m
Depth	cm
Velocity	cm/s
DO Probe #	calibrated? Y / N
DO	ppm
Multi Probe #	calibrated? Y / N
Temperature	° C
pH	
Conductivity	μ S/cm
Temp Probe Retrieved?	

Water Grab Samples

Date/Time	
Collectors	
HETL Number	
Duplicate?	
DEP Site Name	
Substrate Chl a	
slides or rocks?	
number	
volume	ml
Water Level Description	
≥ bank full	< 1/2 bf
> 1/2 bf	very low
Comments	

Natural Substrate Sample

Date		Number of Rocks		Bottle Number	
Collectors		Number of Logs		Volume of Sample	ml
Collection Method		Describe Soft Substrate		Comments	

Artificial Substrate Sample

Date Deployed		Date Retrieved		# of Slides for Chl a	
Who?		Who?		# of Slides for Taxonomy	
Comments		Volume of Sample	ml	Bottle Number	

Abundance of Aquatic Life (0 none, 1-rare, 2-uncommon, 3-common, 4-very common, 5-abundant)

Macroinvertebrates	Fish	Aquatic Plants	Dominant Species
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Watershed Features
check all that apply

Forest	<input type="checkbox"/>
Field/Pasture	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>
Residential	<input type="checkbox"/>
Commercial	<input type="checkbox"/>
Industrial	<input type="checkbox"/>
Wetland	<input type="checkbox"/>
Other	<input type="checkbox"/>

Water Odors

Normal/None	<input type="checkbox"/>	Manure	<input type="checkbox"/>
Fishy	<input type="checkbox"/>	Mossy	<input type="checkbox"/>
Petroleum	<input type="checkbox"/>	Sewage	<input type="checkbox"/>
Chemical	<input type="checkbox"/>		
Other	<input type="checkbox"/>		

Water Surface Oils

None	<input type="checkbox"/>
Sheen	<input type="checkbox"/>
Gobs	<input type="checkbox"/>
Flecks	<input type="checkbox"/>
Other	<input type="checkbox"/>

Turbidity

Clear	<input type="checkbox"/>
Slightly Turbid	<input type="checkbox"/>
Turbid	<input type="checkbox"/>
Opaque	<input type="checkbox"/>
Other	<input type="checkbox"/>

Water Color
(staining)

0- Clear	<input type="checkbox"/>
1- Slight	<input type="checkbox"/>
2- Medium	<input type="checkbox"/>
3- Dark	<input type="checkbox"/>

Sediment Oils

Absent	<input type="checkbox"/>
Slight	<input type="checkbox"/>
Moderate	<input type="checkbox"/>
Profuse	<input type="checkbox"/>

Sediment Odors

Normal	<input type="checkbox"/>
Sewage	<input type="checkbox"/>
Petroleum	<input type="checkbox"/>
Chemical	<input type="checkbox"/>
Anaerobic	<input type="checkbox"/>
None	<input type="checkbox"/>
Fishy	<input type="checkbox"/>
Cyanobacteria	<input type="checkbox"/>

Riparian Vegetation
18m buffer

<input type="checkbox"/>	Trees
<input type="checkbox"/>	Shrubs
<input type="checkbox"/>	Herbaceous
<input type="checkbox"/>	Grasses

Canopy Cover

<input type="checkbox"/>	Open
<input type="checkbox"/>	Partly Open
<input type="checkbox"/>	Partly Shaded
<input type="checkbox"/>	Shaded

Substrate

<input type="checkbox"/>	Anaerobic Bottom
<input type="checkbox"/>	Sewage Fungus
<input type="checkbox"/>	Deposits
<input type="checkbox"/>	Other

Storm Event

<input type="checkbox"/>

Habitat

Percent Riffles	<input type="checkbox"/>
Percent Runs	<input type="checkbox"/>
Percent Pools	<input type="checkbox"/>

Channelized?	<input type="checkbox"/>
Dam Present?	<input type="checkbox"/>

Percent Bedrock	<input type="checkbox"/>
Percent Boulders	<input type="checkbox"/>
Percent Cobble	<input type="checkbox"/>
Percent Gravel	<input type="checkbox"/>
Percent Sand	<input type="checkbox"/>
Percent Silt	<input type="checkbox"/>
Percent Clay	<input type="checkbox"/>

↑
totals
100%
↓

Percent Wood & Detritus 0-100%

Site Map

