

Volunteer River Monitoring Program WATER SAMPLE COLLECTION AND FIELD DATA SHEET (Tier 1)



ORGANIZATION: Friends o	of Merrymeeting Bay DATE:		START TIME:		AM/PM	-
					AN	M/PM
PAST 24 HOURS WEATHER CLEAR RAI CLOUDY LIG PARTLY CLOUDY HEA MOSTLY CLOUDY SLE	R: (CIRCLE ALL THAT APPLY) CI SHT RAIN (CI AVY RAIN FET (CI OW (SI STITUTE OF THE TEMPER (PF)	CURRENT WEATHER: CLEAR CLOUDY PARTLY CLOUDY MOSTLY CLOUDY SHOWERS RATURE: (optional)	(CIRCLE ALL THAT A RAIN LIGHT RAIN HEAVY RAIN SLEET SNOW AIR CONDITION	APPLY)		
		QA/QC CHECK	(
				STANDARD VALUES	READING/VALUE BEFORE CALIBRATION	READING/VALUE AFTER CALIBRATION
	TIME METER TURNED ON _	TIME OF CALIB	RATION			
DISSOLVED OXYGEN (METER)	SATURATION	INSPECTED*				
DISSOLVED OXYGEN (KIT)	SODIUM THIOSULFATE TEST DA CHEMICAL EXP. DATES CHECKED (PROBE CHECKED AND CALIBRATED BE	ATE:TIM				
SPECIFIC CONDUCTANCE TURBIDITY	☐ PROBE INSPECTED FOR DAMAGE O	OR FOULING ATED AGAINST STANDA	ARDS	pH:		
рН	CALIBRATED WITH: (2 BUFFERS) ☐ pH 4 ☐ pH 7 ☐ pH 3			pH:		
		DATE CONDUCTED DO READINGS: (R	RINSE PROBE WELL ((% SAT) re not within ± 0.3 r	AFTER CONDUC		
CHECK ALL THAT APPLY: DATASHEET SAMPLE SUBMITTED BY (VOLUNTEER): NOTES (ISSUES/ACTIONS):	:	CHAIN OF CUSTO			TIME:	AM / PM
DATASHEET SUBMITTED BY (A TIME SAMPLE ANALYZED: NOTES (ISSUES/ACTIONS):	ANALYST):AM/ PM	D	ATE:		_	
DATASHEET PROOFED AND SU (VOLUNTEER GROUP DATA M/ NOTES (ISSUES/ ACTIONS):	JBMITTED BY: ANAGER)	D.	ATE:		_	
QA/QC'd BY VRMP STAFF: NOTES (ISSUES/ACTIONS):		D.	ATE:		-	

				Si	AMPLE FIELD MEAS	SUREMEI	NTS						
WATERBODY/ SITE ID # SITE NAME	WATERBODY/	TIME	SAMPLING LOCATION (SELECT ONE)	P. (°C)	VERTICAL DEPTH* (SELECT ONE)	DISSOLVED OXYGEN (DO)*		DO SAMPLE COLLECTION METHOD (SPECIFY ALL THAT APPLY)	TANCE **		TURBIDITY	7	(PPT)
	SAMPLED -	1) WADING 2) BRIDGE 3) BOAT 4) BANK	WATER TEMP.	NON-WADEABLE 1) MID-DEPTH 2) 3 FT BELOW SURFACE WADEABLE			1) EXTENSION POLE 2) VAN DORN 3) ARI SAMPLER 4) KEMMERER	SPECIFIC CONDUCTANCE	Hd	(Circle One) 1) TUBE (cm) 2) METER (NTU)	TDS (mg/L)	SALINITY (I	
			5) CULVERT		3) MID-DEPTH 4) 1.5 FT BELOW SURFACE	mg/ L	% sat	5) DIRECT PROBE	ds				
_		•	QA/ QC	FIELI	D DUPLICATE (1 du)	plicate p	er 10 sa	mples)		X	***************************************	***************************************	

*FOR <u>TIER 1</u> DISSOLVED OXYGEN & TEMPERATURE MEASUREMENTS, USE DEPTH PROFILE DATA SHEET.

** SPECIFIC CONDUCTANCE IS ASSUMED TO BE IN UNITS OF μS/cm. (PLEASE NOTE IF USING mS/cm, WHICH MAY BE NECESSARY IN TIDAL AREAS.)

OBSERVATIONAL DATA (PLEASE SELECT ONE NUMBER FOR EACH CATEGORY)											
	WATER LEVEL HABI		HABITAT	WATER APPEA	WAT	ER ODOR	FLOW	TIDAL STAGE			
SITE ID #	WATERBODY/ SITE NAME	1) HIGH 2) MEDIUM 3) LOW	1) RIFFLE 2) RUN 3) CASCADE	1) CLEAR 2) DARKLY STAINED 3) MEDIUM STAINED 4) FOAMY	5) GREEN 6) MILKY 7) OPAQUE 8) TURBID/ MUDDY	1) NORMAL 2) CHEMICAL 3) FISHY 4) MANURE	5) ANAEROBIC (ROTTEN EGG) 6) PETROLEUM 7) SEWAGE	1) BASEFLOW 2) STORMFLOW	1) HIGH 2) HIGH EBB 3) EBB 4) LOW EBB 5) LOW 6) LOW FLOOD 7) FLOOD 8) HIGH FLOOD		

ADDITIONAL COMMENTS:

FOLLOWING SECTION IS OPTIONAL IF LABORATORY CHAIN OF CUSTODY COMPLETED

	SAMPLE COLLECTION FOR LABORATORY ANALYSIS									
			SAMPLE CONTAINER	BACTERIA				OTHER ANALYSES		
SITE ID #	WATERBODY/ SITE NAME	TIME SAMPLE COLLECTED	1) PLASTIC 2) GLASS 3) WHIRLPAK	E. coli	Fecal Coliform	Enterococcus	Total Coliform	1) TOTAL DISSOLVED SOLIDS 2) CHLORIDE 7) HARDNESS 3) TOTAL PHOSPHORUS 4) ORTHO-PHOSPHORUS 5) TOTAL KJELDAHL NITROGEN 6) NITRATE (NO ₃) + NITRITE (NO ₂) 7) HARDNESS 8) ALKALINITY 9) SUSPENDED SEDIMENT CONCENTRATION		
	QA/ QC COLLECTION DUPLICATE (1 duplicate per 10 samples)									