SWAMP Field Data Sheet (Water Chemistry & Discrete Probe) - EventType=WQ

Entered in d-base (initial/date) | Pg 1 of 2 Pgs

*StationID: 312MPC204 | *Date (mm/dd/yyyy): 04/01/09 | *Group: Trip 4 | *Agency: MPSL-DFG

*Funding: 07S03001 | ArrivalTime: 9:45 | DepartureTime: 10:30 | *SampleTime (1st sample): 10:00 | *Protocol: MPSL-IV

*Personnel: J. BANK, R. Hill | *Purpose (circle all that apply): WaterChem WaterTox Habitat FieldMeasure | *PurposeFailure:

*Location: Bank Thalweg Midchannel OpenWater | *GPS/DGPS | Lat (dd.ddddd) | Long (ddd.ddddd) | OCCUPATION METHOD: Walk-in Bridge R/V _____ Other

GPS Device: (Garmin) 3+ | Target: 36.43296 | -121.26325 | STARTING BANK (facing downstream): LB RB / NA

Datum: NAD83 | Accuracy (ft / m): 15 | *Actual: 36.43276 | -121.26432 | Point of Sample (if Integrated, then -88 in dbase)

Habitat Observations (CollectionMethod = Not Applicable)

WADEABILITY: Y / N / Unk | BEAUFORT SCALE (see attachment): Ø | DISTANCE FROM BANK (m): 5 | STREAM WIDTH (m): 8 | WATER DEPTH (m): 2

SITE ODOR: None, Sulfides, Sewage, Petroleum, Smoke, Other_____

SKY CODE: Clear, Partly Cloudy, Overcast, Fog, Smoky, Hazy | WIND DIRECTION (from): N W E S | HYDROMODIFICATION: None, Bridge, Pipes, ConcreteChannel, GradeControl, Culvert, AerialZipline, Other | LOCATION (to sample): US / DS / WI

OTHERPRESENCE: Vascular, Nonvascular, OilySheen, Foam, Trash, Other_____

DOMINANTSUBSTRATE: Bedrock, Concrete, Cobble, Gravel, Sand, Mud, Unk, Other_____

PHOTOS (RB & LB assigned when facing downstream; RENAME to StationCode_yyyy_mm_dd_uniquecode): 1: (RB / LB / BB / US / DS / ##) P32 | 2: (RB / LB / BB / US / DS / ##) P33 | 3: (RB / LB / BB / US / DS / ##)

WATERCLARITY: Clear (see bottom), Cloudy (>4" vis), Murky (<4" vis) | PRECIPITATION: None, Fog, Drizzle, Rain, Snow

WATERODOR: None, Sulfides, Sewage, Petroleum, Mixed, Other_____ | PRECIPITATION (last 24 hrs): Unknown, <1", >1", None

WATERCOLOR: Colorless, Green, Yellow, Brown | EVIDENCE OF FIRES: No, <1 year, <5 years

OBSERVED FLOW: NA, Dry Waterbody Bed, No Obs Flow, Isolated Pool, Trickle (<0.1cfs), 0.1-1cfs, 1-5cfs, 5-20cfs, 20-50cfs, 50-200cfs, >200cfs

Field Measurements (SampleType = FieldMeasure; Method = Field)

	DepthCollec (m)	Velocity (fps)	Air Temp (°C)	Water Temp (°C)	pH	O_2 (mg/L)	O_2 (%)	Specific Conductivity (uS/cm)	Salinity (ppt)	Turbidity (ntu)			
SUBSURF/MID/BOTTOM/REP	0.1	N/A		15.1	7.2	8.3	110.2	3256	—	4			
SUBSURF/MID/BOTTOM/REP	0.5	N/A		14.1	7.2	8.1	110.5	3255		6			
SUBSURF/MID/BOTTOM/REP													
Instrument:			YSI 1 →							LAMOTH #2			
Calib. Date:				—	4/1/09 →					4/1/09			

Samples Taken (# of containers filled) - Method=Water_Grab

Field Dup YES / NO: (SampleType = Grab / Integrated; LABEL_ID = FieldQA; create collection record upon data entry

SAMPLE TYPE: Grab / Integrated | COLLECTION DEVICE: Indiv bottle (by hand, by pole, by bucket); Teflon tubing; Kemmer; Pole & Beaker; Other _____

	DepthCollec (m)	Inorganics	Bacteria	Chl a	TSS / SSC	TOC / DOC	Total Hg	Dissolved Mercury	Total Metals	Dissolved Metals	Organics	Toxicity	VOAs
Sub/Surface	0.1	1	1	1	1	1		1	1			2	
Sub/Surface													

COMMENTS:

Modified 06/27/08