SWAMP Field Data Sheet - Depressional Wetlands - EventType = BA				Entered in d-base (initial/date)	Pg 1 of 4 Pgs
***StationID:** __ __ __ __ __ __ __ __ __ __	Station Description:			***Date** (mm/dd/yyyy): / /	*Protocol: SWAMP_2014_DW
***StationName:**	ArrivalTime:	DepartureTime:		***SampleTime** (1st sample):	*Agency:
***ProjectCode:**	***Personnel:**			***Purpose:** WaterChem, Habitat, SedTox, SedChem, Benthics (MI), Algae	***PurposeFailure:**

*Location: Assessment Area 1		***GPS/DGPS**	**Lat (dd.ddddd)**	**Long (ddd.ddddd)**	Pond Age: 0-1yr; 2-5yr; 6-10yr; 11-20yr; 21-50yr; >51yr; Unknown; Natural
GPS Device:		**Target:**		-	Function: stormwater / wildlife / human use / flood control
Datum: NAD83	Accuracy (ft / m):	***Actual:**		-	Vector Control: Bti / Bs / Methoprene / Oil / Mosquitofish / None

Habitat Observations (CollectionMethod = Habitat_Generic)				LENGTH (m):	CIRC: _____ steps / _____ **m**
PRECIPITATION: Drizzle, Fog, None, Rain, Snow	RAINFALL EFFECT ON WETLAND:	None, Minimal, >10% volume increase	WIND: None, Light, Med, Heavy	WIDTH (m):	AREA (m2):
WETLAND CLASS: vernal pool / natural pond / stockpond / farm pond / reservoir / lake / stormwater pond / golf pond _____			MAX DEPTH: _____ m / _____ **cm**		AVG DEPTH: ____ m / ____ **cm**
CLOUD COVER (%):	HYDROPERIOD: perennial / seasonal / unknown		ORIGIN: natural / natural modified / artificial / unknown		TROPHIC: oligotrophic, mesotrophic, eutrophic
AQUATIC VEGETATION (%; sum 100): **Emergent**	**Submerged**: Algae	Other	**Surface**: Algae	Other	**Open**
% WADEABLE / LITTORAL:	% SURFACE AREA OF MAX:		UPLAND SLOPE (%): _____, _____, _____, _____		

AMPHIBIANS (text):		CRAYFISH: P / A / Unkown
FISH: P / A	FISH (text):	RECENT GRAZING: Yes / No / Unkown
BIRDS (indiv count): raptors _____ waterfowl _____ shorebirds _____ passerines _____		PHOTO: Yes / No Label _____
MAMMALS (text):		

COMMENTS, OBSERVATIONS:

Daily Dissolved Oxygen Calibration Information

Barometric Pressure: (uncorrected)	**mm Hg**	**O2 100% Saturation Value at Ambient Temperature:**	**mg/L**	**Altitude Correction Factor : (Table 2)**		Temp. of Standard (°C)		Value of Standard (1)	**mg/L**	Initial Reading:	**mg/L**	Calibrated to:	**mg/L**

(1) Value of DO Standard = 100% Saturation Value X Altitude Correction Factor

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***StationID:** __ __ __ __ __ __ __ __ __ __ | *Date (mm/dd/yyyy): / / | ***StationName:**

Ambient Water Quality Measurements

Analyte	Unit	Replicate	Node 1	Node 5	Coll Device	Calib Date
Turbidity	NTU	1				/ /
		2				/ /
Wat Temp	deg C	1				/ /
pH	none	1				/ /
Sp. Cond.	uS/cm	1				/ /
Salinity	ppt	1				/ /
Diss. Ox.	mg/L	1				/ /
Diss. Ox.	% Sat	1				/ /
Alkalinity	mg/L	1	From composite:			1/1/1950

Sediment Chemistry and Toxicity Samples

Sediment Yes / No SampleType: Integrated

COLL DEV: Scoop (SS / PC / PE), Core (SS / PC / PE), Grab (VanVeen / Eckman / Ponar)

Depth Collect. (cm)	Metals, Tox, GS, TOC	Archive
2 / 5 ____		

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 _____

	Depth Collection (m)	Total Alkalinity (NoPrepPres)	NO2/OPO4 (FieldFiltered*)	NO3/NH3/ TKN/TN/TP (FieldPres)	DOC (FieldFiltered*, FieldPres)	Chl-a rep 1 filtered vol (mL)	Cyano rep 1 (if filtered vol) (mL)	Chl-a rep 2 filtered vol (mL)	Cyano rep 2 (if filtered vol) (mL)				*0.45 micron filter used for FieldFiltered samples 0.7micron GFF used for Chl-a samples
Sub/Surface	0.1												
Sub/Surface	0.1												

COMMENTS, OBSERVATIONS:

SWAMP Field Data Sheet - Depressional Wetlands - EventType = BA													Pg 3 of 4 Pgs
***StationID:** __ __ __ __ __ __ __ __ __ __		*Date (mm/dd/yyyy): / /					***StationName:**						
Habitat Observations (CollectionMethod = Habitat_Generic)							*Location: Assessment Area 1						

MI Transect (**rep 1**)	Emergent Veg %	Submerged Veg %		Surface Veg %		Open / No Veg %	Dist Wetted Edge to Bankfull (m)	Sampling Spot (Near, Mid, Far)	Station Water Depth (cm)	Dist Sample from Wetted Edge (m)	MI Collection Method	Replicate	# Trans Sampled	# Jars
		algae	other	algae	other									
1											MI	1		
2											MI	2		
3											MI			
4											MI			
5											* This section represents whole samples collected Coll Dev: 1 = D-Frame Kick net (500 micron net, 0.3048 m2)			
6														
7														
8														
9														
10														

Algae Transect (reps 1 & 2)	Emergent Veg %	Submerged Veg %		Surface Veg %		Open / No Veg %	% Shade	Sampling Spot (Near, Mid, Far)	Station Water Depth (cm)	Dist Sample from Wetted Edge (m)	algae collection substrata (if rep 2, add comma & value after rep 1 value)			
		algae	other	algae	other						Soft Sediment	Plant (live)	Plant (dead)	Rock, unconsol sed
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														

ALGAE QUALITATIVE SAMPLE COLLECTED: Yes / No	COMMENTS, OBSERVATIONS:

SWAMP Field Data Sheet - Depressional Wetlands - EventType = BA			Pg 4 of 4 Pgs
***StationID:** __ __ __ __ __ __ __ __ __ __	*Date (mm/dd/yyyy): / /	***StationName:**	

Habitat Observations (CollectionMethod = Habitat_Generic)

*Location: Assessment Area 1

Algae Collection	Replicate	# Trans Sampled	Coll Dev	Liquid Composite Vol (mL)	Diatom Vol (mL)	Soft Algae Vol (mL)
Algae	1		1			
Algae	1		2			
Algae	2		1			
Algae	2		2			

* This section represents whole samples collected (10 sub-samples total for diatoms, 20 subsamples for diatoms and soft algae);
Coll Dev: 1 = Sediment Corer (5.3 cm2); 2 = Syringe Scrubber (5.3 cm2)

MAP OF POND:

MI Transect (**rep 2**)	Emergent Veg %	Submerged Veg %		Surface Veg %		Open / No Veg %	Dist Wetted Edge to Bankfull (m)	Sampling Spot (Near, Mid, Far)	Station Water Depth (cm)	Dist Sample from Wetted Edge (m)
		algae	other	algae	other					
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										