

T13

T13

June 23/12
 T13
 driveway
 BCHA INBU
 WISN AM60
 PPARC KILL
 PCCA COTE
 SOSP 3 AM60
 [redacted] AMRF 2
 EUST YWAR
 HOWR [redacted]
 RWBL TRES
 BHCO 5
 MUD0 Finglor.
 SAUSIE
 INBUT

June 23/12
 T13
 0935 - 1045
 driveway
 HOWR 11
 SOSP 1
 YWAR 1
 [redacted] punch for yard
 [redacted] on hand

June 23/12
 T13 PC @ 10:01
 [redacted]
 SAV 111
 SOSP 1
 BCCH 1
 CLSWT
 AMRO 1
 RWBL 111

June 23/12
 T13
 Property to west
 RBOR.
 RWBL
 SAUS
 AMRO
 [redacted]

June 23/12
 T13
 Property to west
 RBOR.
 RWBL
 SAUS
 AMRO

T13

June 23/12

[redacted]

[redacted]

May 31/12

T16/17

Collection Corridor

Hedge row
SOSP #2
AMRO 1
CHSP #2
REVI

Field
KILL
HOLAN
VESP 1
AMCR

East Neighboring Field (Hay)

SANS

SOSP
RWBL

T16/17

June 23/12

T16/17
June 23/12

Corridor (200) 2 hedge row
KOLA 5 FY SOSP 2
KILL 2 RWBL 1
VESP 1

Field to East

SANS 3

May 31/12

T 16/17

C104 (pond)
woods (S)

REVI GFL
SOSP #2 OPEN

AMGO
COGR 11

INBU

~ 4m

E 0527748
4893743

CHSP 1

C102

INBU

HOUR

VESP

AMRE SOSP
AMGO KOPR

GRCA COGR

GFL

T16 PC 0857

SANS

SOSP 1

AMRO 1

EAWP 1

May 31/12

T17

E 0527542

N 4893391

~ 4m

0837

AMGO 1

ROGR 1

SCTA 1

BLJA 1

INBU 111

CHSP 1

AMCR 1

VESP 1

REVI

T16/17

June 23/12

T16/17
C104

REVI 1

EAWP 2

GFL 1

INBU 1

C102
INBU 1

C103

AMGO 2

RWBL 5

BHCO 1

BLJA 1

GRCA 1

BLCH 2

Water Body Assessment Renewable Energy Projects



General Information																		
Project #: 8119		Project Description:					Date: JUNE 14/12											
Position of Water Body in relation to Project Component <input type="radio"/> within 30m <input checked="" type="radio"/> within 120m <input type="radio"/> project component crosses water body																		
Is a new crossing of a water body required? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown																		
Collectors: AWF LKR EB		Weather Conditions: CLEAR 25°C			Time Started: 10:00		Time Finished: 10:30											
Photos (#, details): 211-215 u/s 216-222 D/S 223 - GRAVEL BEDS DL																		
Location																		
Water Body Name:			Watershed: SAUGEN				Station #: W21											
GPS Coordinates: (4946) 3838, 7770					Surrounding Land Use: FOREST / AGRICULTURE													
Type: <input type="radio"/> Lake <input type="radio"/> Intermittent Stream <input checked="" type="radio"/> Permanent Stream <input type="radio"/> Seepage Area <input type="radio"/> Other																		
Other: temporary drainage channel, roadside ditch, dugout pond, rock chutes/spillway, artificial																		
Channel Characteristics																		
Direction of Flow: EAST TO WEST																		
Morphology	Run (% of area)		Pool (% of area)		Riffle (% of area)		Flats (% of area)											
Upstream	50				50													
Downstream					5		95											
Dimensions	Mean Wetted Width (m)		Mean Bankfull Width (m)		Mean Wetted Depth (m)		Mean Bankfull Depth (m)											
Upstream	16m		15m		1m		2m											
Downstream	17m		18m		1m		< 2m											
Substrate Type (% of Area)	Bedrock		Boulder		Detritus		Cobble		Gravel		Muck		Sand		Clay		Silt	
	US		20				80											
DS		20				80												
Habitat Description																		
Bank Stability		Upstream Left			Upstream Right			Downstream Left			Downstream Right							
Stable		<input checked="" type="radio"/>			<input checked="" type="radio"/> RIPRAP @ BRIDGE			<input checked="" type="radio"/>			<input checked="" type="radio"/>							
Moderately Stable		<input type="radio"/>			<input type="radio"/>			<input type="radio"/>			<input type="radio"/>							
Unstable		<input type="radio"/>			<input type="radio"/>			<input type="radio"/>			<input type="radio"/>							
In-Stream Cover Available (%) of total habitat	Undercut Banks		Boulders		Cobble		Woody Debris		Organic		Macrophytes							
	US		70		80		5				none							
DS	none	10		80		5				none								

GABBIAN ON BOTH SIDES US/DS (23m) DS

GRASSY EDGES: TREES / SHRUB

Riparian Cover	US DS	None <input type="radio"/> None <input type="radio"/>	1-30 % <input type="radio"/> 1-30 % <input type="radio"/>	31-60 % <input type="radio"/> 31-60 % <input type="radio"/>	61-90 % <input type="radio"/> 61-90 % <input type="radio"/>	91-100 % <input checked="" type="radio"/> 91-100 % <input checked="" type="radio"/>
In-Stream Vegetation (% Cover)			Submergent	Floating	Emergent	None
	US				10	90%
	DS					100%

ELDERBERRY
GRASSY EDGES
GRASSY ISLAND

Water Chemistry				
Location	Water Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Conductivity (µs/cm)
US	17			
DS	17			

Water Colour: Colourless Yellow/Brown Blue/Green Turbid Other _____

Fish Observed in Water Body: Yes No SUCKER PIN HEAD FRY ALONG BANK

Additional Information:

GRAVEL BEDS / NESTS ? ON DS SIDE OF BRIDGE.

FRY { BLACK NOSE DRACE
SUCKER
PINKY FRY

GREEN FROG
YELLOW SWALLOWTAIL } ON BANK

Legend									
10d	Depth	➔	Run	■	Fine Substrate	**	Debris	W	Watercress
6w	Width	○	Pool	##	Gravel Substrate	CT	Cattail	Fe	Iron Staining
➔	Riffle	⚡	Island/Bar	OoO	Cobble/Boulder	sv/fv/ev	Veg	///	Eroded Bank
Xx	Rip Rap	⊖	I.S. wood	^^	Dam/Wier	Ⓡ	Rip Tree	↳	Seep/Spring
---	U/C Bank	—	Barrier	-S-	Seasonal Barrier	-x-x-	Fence	└┘	Culvert

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ELDERBERRY
GRASSY EDGES
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WATERCOURSES

JUNE 14, 2012

LKR

No. EAST DURN MM

Date JUNE 14 / 12

Page

11am Clear, 22°C

W#4 GPS GREEN FROG

WP48 TT0525603, 4898068

1 FRY, TADPOLES IN CHANNEL
FROM POND ON S SIDE OF ROAD
TO MARCH ON N SIDE

WATER TEMP 18°C

LILY PADS IN POND

CULVERT PERCHED A BIT

PHOTOS 234-237 CULVERT
238 TLNE - 243 (VS SIDE)

TRANSMISSION EXISTS ON
NORTH SIDE OF ROAD

SNAAPPING TURTLE REPORTED IN POND

BY RESIDENT

PRINTED(?) TURTLE OBSERVED AT VISIT

PHOTO 21 (GPS) POND (B)

GRFR LKFR

PH 244-245

POND
(C)

WETLAND POCKET - GRASSES INDICATE

-DOGWOOD NO WATER

DRY AT TIME OF VISIT