



Figure 49 WB81/TribII facing upstream and south.



Figure 50 WB82/TribII facing downstream and west.



Figure 51 W84/TribKK facing downstream and southwest.



Figure 52 W85/TribKK facing upstream.



Figure 53 WB86/TribbMM facing downstream and northwest.



Figure 54 WB87/TribNN facing downstream and northwest.



Figure 55 WB88/TribOO facing downstream and southeast.



Figure 56 WB09/TribSS facing downstream and east.



Figure 57 WB40/TribTT showing an overhead view of the channel.



Figure 58 WB41/TribTT facing upstream and east.

Ausable River drainage basin



Figure 59 WB64/TribQQ facing upstream and west.

Galbraith Drain drainage basin



Figure 60 WB89/Galbraith Drain facing upstream and east.



Figure 61 WB91/Galbraith Drain facing north.



Figure 62 WB92/Galbraith Drain facing upstream.



Figure 63 WB94/TribA facing upstream

Appendix III
Site Investigation Water Body Details

Drainage	Water Body Feature Name	Report ID	Field ID	UTM Coordinate		Site Investigation Date	Weather Conditions				Flow Regime Based on field observations	Water Body (Y/N)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Water Depth (m)	Visible Discharge Rate	Clarity	Substrate (%)				Channel Morph (%)				Channel Gradient	Channel Definition	Channel Veg	Ground Water Indicators	Bank Veg	Notes				
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip at Time of Survey									Fine	Cobble	Boulder	Gravel	Glide	Slow Riffle	Fast Riffle	Pool										
Ausable River	Tributary QQ	WB64	WB64	17T	442073	4771797	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	roadside observation- tile drainage		
	Tributary RR	WB61	-	17T	443504	4771383	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tilled, not present		
		WB62	-	17T	443279	4771667	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tilled, not present		
	Tributary PP	WB6	WB06	17T	438945	4772858	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	roadside observation- tile drainage		
	Tributary UU	WB95	-	17T	452792	4774835	21-Feb-12	-	-	-	-	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	natural meandering watercourse		
	Tributary VV	WB101	-	17T	452555	4774318	21-Feb-12	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present		
	Tributary XX	WB102	-	17T	452140	4774013	21-Feb-12	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present		
	Tributary YY	WB100	-	17T	452600	4774515	21-Feb-12	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present		
	Tributary ZZ	WB98	-	17T	452777	4774632	21-Feb-12	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present	
WB99		-	17T	452625	4774622	21-Feb-12	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present		
Galbraith Drain	Galbraith Drain	WB89	WB51	17T	444751	4771392	20-Sep-11	0	30	18	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	grassed waterway, small round culvert under road		
		WB90	WB51	17T	444740	4771274	20-Sep-11	0	30	18	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	grassed waterway, small round culvert under road		
		WB91	AHP88	17T	444747	4771110	02-Nov-11	2	30	10	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	grass waterway	
		WB92	AHP86	17T	445549	4770838	02-Nov-11	2	30	10	0	Ephemeral	N	7.1	1.2	2.1	0.8	none	moderate turbidity	90	-	-	-	-	-	-	100	low	defined	terrestrial grasses and cattails	none	terrestrial grasses and herbs	channelized ditch			
	Tributary A	WB93	AHP57	17T	448273	4772524	04-Nov-11	0	40	13	0	Intermittent/Permanent	Y	5.2	0.7	1.4	0.25	low	moderate turbidity	100	-	-	-	100	-	-	-	-	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized ditch			
		WB94	AHP57	17T	448310	4772750	04-Nov-11	0	40	13	0	Ephemeral	N	5.2	0.7	1.4	0.25	low	moderate turbidity	100	-	-	-	100	-	-	-	-	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized ditch			
Big Swamp Drain	Big Swamp Drain	WB97	WB42	17T	450772	4774397	30-Mar-12	4	100%	4	0	Intermittent/Permanent	Y	5.6	5	0.56	0.25	low	moderate turbidity	90	5	-	5	100	-	-	-	low	defined	terrestrial grasses	none	terrestrial grasses, herbaceous plants, and deciduous	channelized drain feature			
Ptsbe Creek	Tributary B	WB1	WB01	17T	437878	4773620	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present	
		WB105	-	17T	437951	4773399	21-Feb-12	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present	
	Tributary C	WB16	WB06	17T	438396	4774748	22-Sep-11	3	30	20	0	Intermittent/Permanent	Y	2	-	-	-	low	low turbidity	85	10	-	5	-	-	-	-	low	defined	terrestrial grasses and algae	none	terrestrial grasses and herbs	slow flow (barely moving), waterbus observed, channel smaller further upstream			
		WB4	AHP107	17T	438463	4773109	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	100	-	-	-	-	-	-	moderate	-	-	-	-	-	-	no channel or surface water	
	Tributary D	WB17	WB05	17T	438499	4774723	22-Sep-11	5	30	20	2-3mm	Intermittent/Permanent	Y	2	-	-	1	none	low turbidity	90	-	5	5	-	-	-	-	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	channelized			
		WB2	AHP16	17T	438148	4773307	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent, agricultural fields	
	Tributary E	WB3	AHP16	17T	438128	4773198	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent, agricultural fields
		WB18	WB04	17T	438890	4774716	22-Sep-11	3	30	17	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent agricultural fields	
	Tributary G	WB21	WB10	17T	439430	4774478	22-Sep-11	1	70	17	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent, agricultural fields	
		WB26	WB02	17T	439331	4775346	21-Sep-11	0	30	22	0	Intermittent/Permanent	Y	2	1	0.75	0.25	low	moderate	90	10	-	-	-	60	20	-	20	low	defined	terrestrial	none	terrestrial	cows within creek, electric fencing disappears within a soya field		
		WB27	WB03	17T	439345	4775577	21-Sep-11	0	30	22	0	Intermittent/Permanent	Y	-	-	-	-	no	moderate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tributary H	WB15	WB15	17T	438995	4773847	21-Sep-11	0	30	22	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	u/s of WB09, swath through field		
	WB19	WB08	17T	439195	4774549	21-Sep-11	0	30	22	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	nothing there - fields		

Drainage	Water Body Feature Name	Report ID	Field ID	UTM Coordinate		Site Investigation Date	Weather Conditions				Flow Regime Based on field observations	Water Body (Y/N)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Water Depth (m)	Visible Discharge Rate	Clarity	Substrate (%)				Channel Morph (%)				Channel Gradient	Channel Definition	Channel Veg	Ground Water Indicators	Bank Veg	Notes	
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip at Time of Survey									Fine	Cobble	Boulder	Gravel	Glide	Slow Riffle	Fast Riffle	Pool							
Psebe Creek	Tributary I	WB20	WB09	17T	439149	4774339	22-Sep-11	3	30	20	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	grass	none	-	grassed waterway		
		WB5	WB23	17T	438890	4773159	22-Sep-11	3	30	20	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	grass	none	-	grassed waterway		
	Tributary J	WB7	WB24	17T	439261	4773067	21-Sep-11	3	100	17	0	agricultural pond	N	-	-	-	-	-	-	-	-	-	-	-	-	-	pond	-	-	-	agricultural pond in field, cattails around perimeter		
	Tributary K	WB8	WB25	17T	439495	4773039	21-Sep-11	3	100	17	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	non-existent, agricultural field		
		WB23	WB11	17T	439791	4774448	22-Sep-11	1	70	17	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	non-existent, agricultural fields		
	Tributary L	WB24	WB13	17T	439877	4774387	22-Sep-11	2	40	17	0	Ephemeral	N	1.75	1	-	-	none	low turbidity	100	-	-	-	-	-	-	100	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	tile drains present and flowing, pockets of water, frogs observed
		WB28	WB27	17T	440061	4775201	20-Sep-11	0	30	22	0	Intermittent/Permanent	Y	2.5	1.25	-	-	moderate	low turbidity	70	10	10	10	30	10	20	40	low	defined	cattails and Terrestrial grasses	none	terrestrial grasses and herbs	south side quite overgrown, 3m wide box culvert under road (water flowing through 1m), tile drains, Fish observed
		WB36	AHP01	17T	440016	4776062	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	3.8	1.3	1.1	0.4	low	moderate turbidity	40	-	-	60	-	20	-	80	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	braided channel, some undercut banks
	Tributary M	WB25	WB14	17T	440224	4774267	22-Sep-11	3	30	17	0	Intermittent/Permanent	Y	1 to 1.75	0.5	-	0.2	none	low turbidity	100	-	-	-	-	-	-	-	low	defined	cattail, algae, and grasses	none	terrestrial grasses and herbs	no flow, no fish/frogs observed
		WB29	WB29	17T	440285	4775165	21-Feb-12	4	100	0	0	Intermittent/Permanent	Y	3.3	1	1.5	0.25	low	low turbidity	100	-	-	-	-	-	-	-	low	defined	cattail and grasses	none	terrestrial grasses	flowing water present, some aquatic veg.
	Tributary N	WB30	WB28	17T	440712	4775051	20-Sep-11	0	30	22	0	Intermittent/Permanent	Y	2	1	0.75	0.25	moderate	low turbidity	45	20	10	25	50	10	20	20	low	defined	algae and terrestrial grasses	none	terrestrial grasses and herbs	water flowing from tile drains, 1m round culvert under road, Cyprinid species observed
		WB31	WB30	17T	440721	4774510	22-Sep-11	1	70	17	0	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	upstream of WB28, no water present, grass lined	
		WB104	-	17T	440618	4774239	Referenced observations at WB31	-	-	-	-	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized drain feature	
	Tributary O	WB11	WB11	17T	440798	4773378	21-Feb-12	4	100	0	0	Ephemeral	N	2.25	0.6	0.4	0.21	very low	low turbidity	90	-	-	10	-	-	-	-	-	ill-defined	terrestrial grasses	none	terrestrial grasses	lots of grasses, tiled upstream of Bomish Dr.
		WB12	WB12	17T	440873	4773839	21-Feb-12	4	100	0	0	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	defined	-	-	-	naturalized, define channel	
		WB103	-	17T	440676	4774242	Referenced observations at WB31	-	-	-	-	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized drain feature	
	Tributary P	WB10	WB10	17T	440900	4773413	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	non-existent, agricultural fields	
	Tributary Q	WB32	AHP65	17T	441372	4775170	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	7	1.5	2.75	0.5	low	high turbidity	80	20	-	-	10	-	-	90	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	channelized ditch
		WB33	WB59	17T	441362	4775240	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	5	-	1.2	-	none	-	-	-	-	-	-	-	-	-	low	ill-defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	moist soil, no water body
		WB34	-	17T	441220	4775700	Referenced observations at WB33 and based on air photo interpretation	-	-	-	-	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	defined	-	-	-	naturalized channel, through wooded area	
		WB35	AHP64	17T	441488	4774872	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	5	1.25	1.5	0.25	low	moderate turbidity	95	5	-	-	60	-	-	10	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	
	WB29		20-Sep-11				0	40	21	0	Intermittent/Permanent	Y	2.5	1.75	-	0.5	moderate	moderate turbidity	70	15	-	15	60	10	-	30	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	lots of water within channel due to recent rain, 4m wide box culvert under road, no fish observed, frogs seen	
	Tributary R	WB13	WB13	17T	441148	4773759	21-Feb-12	4	100	0	0	Intermittent/Permanent	Y	1	0.7	0.75	0.18	moderate	low turbidity	100	-	-	-	-	-	-	-	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	naturalized through wooded area
		WB14	WB14	17T	441010	4773263	21-Feb-12	4	100	0	0	Intermittent/Permanent	Y	1	0.7	0.75	0.18	moderate	low turbidity	100	-	-	-	-	-	-	-	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	small online pond, culvert at roadside
	Tributary S	WB37	AHP66	17T	441669	4776396	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	4.2	1	2.1	0.2	low	moderate turbidity	60	10	-	30	40	30	30	-	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	box culvert at road side
		WB38	AHP66	17T	441728	4776525	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	4.2	1	2.1	0.2	low	moderate turbidity	60	10	-	30	40	30	30	-	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	box culvert at road side
		WB66	WB31	17T	441935	4774801	20-Sep-11	0	40	22	0	Intermittent/Permanent	Y	2	1	0.5	0.25	high	high turbidity	70	-	-	30	50	-	-	50	low	ill-defined	cattails	none	terrestrial grasses and herbs	disconnected, tile drains were flowing at time of observation, round culvert under road
	Tributary T	WB39	AHP67	17T	442112	4776434	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	6.1	2.5	2.5	0.4	low	moderate turbidity	80	20	-	-	10	-	-	90	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	30+ Cyprinidae observed
WB44		WB32	17T	442550	4774618	20-Sep-11	0	40	20	0	Ephemeral	N	-	1	-	0.25	moderate	high turbidity	40	25	5	30	60	-	-	40	low	defined	algae, cattails, and terrestrial grasses	none	terrestrial grasses	straight and channelized, no fish observed, 3.5X5m long pool d/s of culvert (1m wide and round)	

Drainage	Water Body Feature Name	Report ID	Field ID	UTM Coordinate		Site Investigation Date	Weather Conditions				Flow Regime Based on field observations	Water Body (Y/N)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Water Depth (m)	Visible Discharge Rate	Clarity	Substrate (%)				Channel Morph (%)				Channel Gradient	Channel Definition	Channel Veg	Ground Water Indicators	Bank Veg	Notes	
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip at Time of Survey									Fine	Cobble	Boulder	Gravel	Glide	Slow Riffle	Fast Riffle	Pool							
Ptsebe Creek	Tributary U	WB58	AHP40	17T	442489	4773776	02-Nov-11	2	30	10	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	terrestrial grasses	none	-	grassed waterway		
		WB59	AHP40	17T	442390	4773613	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	terrestrial grasses	none	-	grassed waterway		
		WB56	WB39	17T	442715	4773434	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	non-existent, agricultural field		
		WB57	AHP40	17T	442567	4773677	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	terrestrial grasses	none	-	grassed waterway		
		WB65	WB65	17T	442506	4772353	21-Feb-12	4	100	0	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	field Swale observed from road - pools connected by shallow riffles - in dry conditions would be just pockets of water		
	Tributary V	WB42	WB33	17T	442656	4775571	21-Sep-11	2	100	18	0	Intermittent/Permanent	Y	5.5	-	0.75	0.3	low	high turbidity	70	15	-	15	-	40	-	60	low	defined	none	none	terrestrial herbs	surveyed from Coldstream Rd. riprap for erosion control along banks
		WB43	WB43	17T	443161	4775019	21-Feb-12	4	100	0	0	Intermittent/Permanent	Y	2.5	1.4	1.7	0.18	low	low turbidity	30	50	-	-	-	-	-	-	defined	none	none	terrestrial grasses, herbs and shrubs	full assessment upstream (WB36), along road recently cleaned out - rip rap placed as liner	
		WB45	WB34	17T	443163	4774471	20-Sep-11	0	40	20	0	Intermittent/Permanent	Y	-	-	-	-	-	moderate turbidity	-	-	-	-	-	-	-	low	defined	-	none	terrestrial grasses and herbs	frogs observed, round culvert under road	
		WB46	WB36	17T	443250	4774294	20-Sep-11	0	40	20	0	Intermittent/Permanent	Y	2 to 4	0.75	-	0.3	low	moderate turbidity	75	10	5	10	60	-	40	low	defined	algae, cattails, and terrestrial grasses	none	terrestrial shrubs, and herbs	frogs observed, round culvert under road	
		WB49	WB36	17T	443300	4774073	20-Sep-11	0	40	20	0	Intermittent/Permanent	Y	2 to 4	0.75	-	0.3	low	moderate turbidity	75	10	5	10	60	-	40	low	defined	algae, cattails, and terrestrial grasses	none	terrestrial shrubs, and herbs	frogs observed, round culvert under road	
	Tributary Y	WB50	WB41	17T	443240	4773592	21-Sep-11	0	40	20	0	Intermittent/Permanent	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	mainly underground, south through soy field, north, swath through corn	
		WB51	-	17T	443273	4773546	Screened through air photo interpretation	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent, agricultural field	
		WB47	-	17T	443318	4774271	Screened through air photo interpretation	-	-	-	-	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	drainage channel	
		WB48	-	17T	443334	4774221	Screened through air photo interpretation	-	-	-	-	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	drainage channel	
		WB53	WB41	17T	443106	4773618	20-Sep-11	0	30	18	0	Ephemeral	N	-	-	-	-	high	moderate turbidity	-	-	-	-	-	-	-	-	ill-defined	-	none	terrestrial grasses and herbs	mainly underground, south through soya field, north(d/s) swath through corn field	
	Tributary Z	AHP75	17T	443069	4773512	02-Nov-11	2	30	10	0	Ephemeral	N	3	0.5	0.6	0.05	none	moderate turbidity	90	10	-	-	-	-	-	100	low	ill-defined	terrestrial grasses	none	terrestrial grasses and herbs	adjacent to agricultural fields	
		AHP75	17T	443069	4773512	02-Nov-11	2	30	10	0	Ephemeral	N	3	0.5	0.6	0.05	none	moderate turbidity	90	10	-	-	-	-	-	100	low	ill-defined	terrestrial grasses	none	terrestrial grasses and herbs	adjacent to agricultural fields	
		AHP75	17T	442929	4773439	02-Nov-11	2	30	10	0	Ephemeral	N	3	0.5	0.6	0.05	none	moderate turbidity	90	10	-	-	-	-	-	100	low	ill-defined	terrestrial grasses	none	terrestrial grasses and herbs	adjacent to agricultural fields	
		WB43	17T	442929	4772918	20-Sep-11	0	30	18	0	Ephemeral	N	-	-	-	-	none	-	-	-	-	-	-	-	-	-	-	ill-defined	cattails, terrestrial grasses and herbs	none	terrestrial grasses and herbs	0.75m round culvert under road, grate on downstream side of road	
		WB47	17T	443188	4771994	21-Sep-11	2	100	18	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent corn/soya fields	
	Tributary AA	WB52	AHP42	17T	443336	4773429	02-Nov-11	2	30	10	0	Ephemeral	N	1.5	0.09	0.7	0.03	low	low turbidity	100	-	-	-	50	50	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	small channel, green belt on either side, flows through agricultural field
		WB67	AHP68	17T	443204	4776176	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	11.5	4	3.1	1	low	low turbidity	60	20	-	20	20	-	80	low	defined	terrestrial grasses	none	terrestrial grasses and deciduous trees	20+ Cyprinidae observed	
	Tributary BB	AHP77	17T	444052	4773427	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	tile drain, no water body present	
		AHP77	17T	443977	4773528	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	tile drain, no water body present	
		AHP72	17T	443725	4775191	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	5.1	0.75	1.5	0.2	low	low turbidity	20	-	-	80	90	10	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized, flows through agricultural field	
Tributary CC	AHP72	17T	443877	4774911	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	5.1	0.75	1.5	0.2	low	low turbidity	20	-	-	80	90	10	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized, flows through agricultural field		
	AHP71	17T	444142	4774250	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	2.5	0.2	1	0.05	none	moderate turbidity	80	20	-	-	80	20	-	-	low	ill-defined	terrestrial grasses	none	terrestrial grasses and herbs	tile drains flowing water, no fish observed		
Tributary DD	WB37	17T	444142	4774250	21-Sep-11	0	15	22	0	Intermittent/Permanent	Y	2.25	2.25	-	-	moderate	moderate turbidity	60	15	10	15	-	-	-	-	low	defined	terrestrial grasses, cattails, and herbs	none	terrestrial grasses and herbs	culvert under road, 2 channels meet on north side, south side corn field, pooling below culvert		
	WB71	AHP76	17T	444375	4773131	02-Nov-11	2	30	10	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	small drainage feature through agricultural field		
Tributary EE	WB72	AHP78	17T	444565	4773088	02-Nov-11	2	30	10	0	Ephemeral	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	small drainage feature through agricultural field		

Drainage	Water Body Feature Name	Report ID	Field ID	UTM Coordinate		Site Investigation Date	Weather Conditions				Flow Regime Based on field observations	Water Body (Y/N)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Water Depth (m)	Visible Discharge Rate	Clarity	Substrate (%)				Channel Morph (%)				Channel Gradient	Channel Definition	Channel Veg	Ground Water Indicators	Bank Veg	Notes		
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip at Time of Survey									Fine	Cobble	Boulder	Gravel	Glide	Slow Riffle	Fast Riffle	Pool								
Psebe Creek	Tributary FF	WB75	AHP73	17T	444276	4774877	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	2.7	0.3	1.2	0.1	low	low turbidity	100	-	-	-	100	-	-	-	low	ill-defined	terrestrial grasses and herbs	none	Terrestrial grasses and herbs	channelized, flows through agricultural field	
	Tributary GG	WB76	AHP74	17T	444726	4774832	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	6.2	1.7	2.1	0.25	none	low turbidity	60	40	-	-	80	20	-	-	low	ill-defined	terrestrial grasses and herbs	none	terrestrial grasses and deciduous trees	30+ Cyprinidae observed	
		WB77	WB55	17T	445108	4774588	20-Sep-11	0	30	17	0	Intermittent/Permanent	Y	2.5	-	-	0.6	moderate	high turbidity	70	-	5	10	60	10	-	20	low	defined	cattails and terrestrial grasses	none	terrestrial grasses and shrubs	undercut banks if water was higher (from erosion), WT was 14°C, 2.5m round culvert under road	
	Tributary HH	WB78	WB55	17T	445338	4774391	20-Sep-11	0	30	17	0	Intermittent/Permanent	Y	2.5	-	-	0.6	moderate	high turbidity	70	-	5	10	60	10	-	20	low	defined	cattails and terrestrial grasses	none	terrestrial grasses and shrubs	undercut banks if water was higher (from erosion), WT was 14°C, 2.5m round culvert under road	
	Tributary II	WB80	WB58	17T	447264	4773609	20-Sep-11	0	30	18	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ill-defined	-	-	-	soya bean field, grassed waterway	
		WB81	AHP80	17T	444882	4775784	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	3.1	0.3	1.2	0.2	moderate	low turbidity	20	-	-	80	30	70	-	-	low	ill-defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	box culvert at road side	
		WB82	WB53	17T	445999	4774887	21-Sep-11	3	100	17	0	Ephemeral	N	1	0.5	0.4	0.1	moderate	low turbidity	70	15	-	15	80	10	-	10	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	tile drains flowing water, no fish observed	
	Tributary JJ	WB83	WB53	17T	446156	4774874	21-Sep-11	3	100	17	0	Ephemeral	N	1	0.5	0.4	0.1	moderate	low turbidity	70	15	-	15	80	10	-	10	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	tile drains flowing water, no fish observed	
	Tributary KK	WB84	AHP81	17T	446395	4775429	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	9.2	0.6	3.1	0.12	low	moderate turbidity	60	-	20	20	90	-	-	10	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized, flows through agricultural field	
		WB85	AHP82	17T	446859	4775304	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	4.2	0.9	1.7	0.2	low	low turbidity	70	-	-	30	80	20	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized, flows through agricultural field	
	Tributary LL	WB79	AHP82	17T	446888	4775191	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	4.2	0.9	1.7	0.2	low	low turbidity	70	-	-	30	80	20	-	-	low	defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	channelized, flows along agricultural field	
	Tributary MM	WB86	AHP83	17T	447529	4775175	02-Nov-11	2	30	10	0	Ephemeral	N	3.4	1.9	2.1	0.4	none	high turbidity	80	-	-	20	1	-	-	99	low	ill-defined	terrestrial grasses and herbs	none	terrestrial grasses and herbs	tile drain	
	Tributary NN	WB87	AHP84	17T	449027	4774829	02-Nov-11	2	30	10	0	Ephemeral	N	4.1	-	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	grass waterway
	Tributary OO	WB88	WB88	17T	450185	4774528	21-Feb-12	4	100	0	0	Ephemeral	N	2.3	2	0.5	0.19	very low	low turbidity	100	-	-	-	-	-	-	-	low	defined	cattails and terrestrial grasses	none	terrestrial grasses	roadside ditch	
	Tributary SS	WB09	AHP61	17T	440498	4772626	02-Nov-11	2	30	10	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	non-existent, agricultural fields	
	Tributary TT	WB40	AHP67	17T	442204	4776393	02-Nov-11	2	30	10	0	Intermittent/Permanent	Y	6.1	2.5	2.5	0.4	low	moderate turbidity	80	20	-	-	10	-	-	90	low	defined	terrestrial grasses	none	terrestrial grasses and herbs	partially channelized, 30+ Cyprinidae observed	
WB41		WB35	17T	442652	4776046	21-Sep-11	3	100	17	0	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	none existent - soya field		
Tributary WW	WB22	-	17T	440531	4774111	Screened through air photo interpretation	-	-	-	-	Non-existent	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tile drain, no water body present		