

**APPENDIX I: BU TIMED ELECTROFISHING SURVEY RESULTS, 2007 - 2009. EASTINGS AND NORTHINGS RELATE TO NATIONAL GRID SQUARE HY.**

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	6/10/07	<b>Burn:</b>	Bu
<b>Time</b>	13.00	<b>Site code:</b>	BU_T1
<b>Easting:</b>	33532	<b>Access/Permission:</b>	
<b>Northing:</b>	04397	<b>Water temp (degC)</b>	11.7
<b>Site widths</b>	1.3	<b>Conductivity (µS/cm)</b>	630
	1.7	<b>Other species</b>	Eel, 3 s-s, flounder
	1.6	<b>Site notes</b>	Site from dyke at cemetery, u/s to road
	1.7		
	1.1		
	1.4		
	1.7		
<b>Length</b>	29		

<b>No.</b>	<b>Length</b>	<b>Weight</b>	<b>Smolt stage</b>	<b>Notes</b>
1	180			
2	192			
3	172			
4	189			
5	177			M
6	153			M
7	164			
8	170			
9	146			M
10	144			
11	107			
12	106			
13	101			
14	94			
15	97			
16	98			
17	84			
18	78			
19	80			
20	90			
21	92			
22	86			
23	79			
24	92			
25	94			
26	73			
27	72			
28	85			
29	94			
30	102			
31	94			
32	84			
33	77			
34	85			
35	91			
36	96			
37	88			
38	79			
39	78			
40	82			
41	99			
42	80			
43	76			

44	91			
45	83			
46	99			
47	85			
48	88			
49	90			
50	82			
51	84			
52	76			
53	79			
54	108			
55	102			
56	103			
57	90			
58	83			
59	87			
60	85			
61	81			
62	73			
63	90			
64	77			
65	74			
66	91			
67	102			
68	92			
69	90			
70	92			
71	85			
72	75			
73	89			
74	81			
75	83			
76	88			
77	72			
78	109			
79	84			
80	74			
81	85			
82	79			
83	78			
84	78			
85	81			
86	86			
87	78			
88	91			
89	80			
90	76			
91	75			
92	88			
93	100			
94	81			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	6/10/07	<b>Burn:</b>	Bu
<b>Time</b>	16.39	<b>Site code:</b>	BU_T3
<b>Easting:</b>	33344	<b>Access/Permission:</b>	
<b>Northing:</b>	04702	<b>Water temp (degC)</b>	10.8
<b>Site widths</b>	1.4	<b>Conductivity (µS/cm)</b>	620
	0.9	<b>Other species</b>	Eel
	1.0	<b>Site notes</b>	Site immediately u/s of small branch coming in from west.
	1.2		
	0.8		
	1.0		
	0.8		
<b>Length</b>	33		

<b>No.</b>	<b>Length</b>	<b>Weight</b>	<b>Smolt stage</b>	<b>Notes</b>
1	83			
2	99			
3	85			
4	75			
5	67			
6	69			
7	60			
8	67			
9	83			
10	92			
11	75			
12	76			
13	58			
14	69			
15	66			
16	71			
17	69			
18	64			
19	79			
20	57			
21	62			
22	68			
23	79			
24	73			
25	60			
26	73			
27	53			
28	66			
29	73			
30	65			
31	60			
32	75			
33	55			
34	67			
35	68			
36	69			
37	63			
38	61			
39	55			
40	58			
41	84			
42	71			
43	83			

44	68			
45	63			
46	65			
47	65			
48	78			
49	64			
50	59			
51	58			
52	63			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	6/10/07	<b>Burn:</b>	Bu
<b>Time</b>	17.18	<b>Site code:</b>	BU_T4
<b>Easting:</b>	33266	<b>Access/Permission:</b>	
<b>Northing:</b>	04958	<b>Water temp (degC)</b>	10.3
<b>Site widths</b>	0.8	<b>Conductivity (µS/cm)</b>	607
	1.5	<b>Other species</b>	Eel
	1.4	<b>Site notes</b>	Round corner and just d/s of fence across burn.
	1.0		
	1.3		
	1.0		
1.1			
<b>Length</b>	37		

No.	Length	Weight	Smolt stage	Notes
1	161			
2	154			
3	66			
4	68			
5	74			
6	109			
7	86			
8	77			
9	94			
10	98			
11	79			
12	66			
13	57			
14	76			
15	78			
16	59			
17	85			
18	91			
19	72			
20	82			
21	85			
22	73			
23	90			
24	82			
25	94			
26	88			
27	79			
28	71			
29	88			
30	69			
31	69			
32	63			
33	62			
34	65			
35	71			
36	84			
37	71			
38	85			
39	69			
40	65			
41	89			
42	82			
43	62			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	7/10/07	<b>Burn:</b>	Bu
<b>Time</b>	09.00	<b>Site code:</b>	BU_T5
<b>Easting:</b>	33369	<b>Access/Permission:</b>	
<b>Northing:</b>	05270	<b>Water temp (degC)</b>	9.2
<b>Site widths</b>	0.7	<b>Conductivity (µS/cm)</b>	598
	1.9	<b>Other species</b>	Eel
	1.1	<b>Site notes</b>	Site in rough ground just u/s of fence
	1.0		
	0.5		
	1.0		
	1.3		
<b>Length</b>	20		

<b>No.</b>	<b>Length</b>	<b>Weight</b>	<b>Smolt stage</b>	<b>Notes</b>
1	143			
2	97			
3	82			
4	53			
5	74			
6	60			
7	73			
8	87			
9	86			
10	95			
11	80			
12	66			
13	71			
14	75			
15	67			
16	66			
17	70			
18	76			
19	99			
20	95			
21	88			
22	99			
23	79			
24	64			
25	56			
26	70			
27	77			
28	62			
29	57			
30	71			
31	54			
32	71			
33	73			
34	87			
35	51			
36	57			
37	73			
38	80			
39	48			
40	62			
41	91			
42	41			
43	58			

44	69			
45	67			
46	59			
47	52			
48	60			
49	50			



**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	7/10/07	<b>Burn:</b>	Bu
<b>Time</b>	09.40	<b>Site code:</b>	BU_T6
<b>Easting:</b>	33215	<b>Access/Permission:</b>	
<b>Northing:</b>	05620	<b>Water temp (degC)</b>	8.2
<b>Site widths</b>	0.8	<b>Conductivity (µS/cm)</b>	533
	1.4	<b>Other species</b>	-
	0.9	<b>Site notes</b>	Site just u/s main road.
	1.1		
	1.4		
	0.9		
	0.8		
<b>Length</b>	26		

No.	Length	Weight	Smolt stage	Notes
1	170			M
2	107			
3	84			
4	92			
5	60			
6	61			
7	84			
8	101			
9	58			
10	63			
11	74			
12	75			
13	99			
14	77			
15	77			
16	102			
17	87			
18	79			
19	93			
20	61			
21	57			
22	81			
23	61			
24	60			
25	55			
26	64			
27	94			
28	77			
29	68			
30	89			
31	87			
32	54			
33	58			
34	58			
35	72			
36	69			
37	57			
38	57			
39	64			
40	70			
41	71			
42	93			
43	80			

44	53			
45	57			
46	80			
47	79			
48	70			
49	63			
50	56			
51	75			
52	58			
53	71			
54	69			
55	56			
56	57			
57	66			
58	64			
59	56			
60	71			
61	63			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	22/10/08	<b>Burn:</b>	Bu	
<b>Time</b>	10:30	<b>Site code:</b>	BU-T1	
<b>Easting:</b>	33532	<b>Access/Permission:</b>		
<b>Northing:</b>	04397	<b>Water temp (degC)</b>	9.3	
<b>Site widths</b>	2.3	<b>Conductivity (µS/cm)</b>	353	
	2.5	<b>Other species</b>	Eel, 14cm	
	1.6	<b>Site notes</b>	Fishing duration = 13mins. Water high & slightly coloured.	
	1.6			
	1.7			
	2.0			
	1.6			
	2.8			
	4.4			
<b>Length</b>	93			
<b>No.</b>	<b>Length</b>	<b>Weight</b>	<b>Smolt stage</b>	<b>Notes</b>
1	164			Smolty
2	153			Smolty
3	133			
4	133			
5	132			Smolty
6	121			M
7	145			F?
8	121			
9	125			Smolty
10	125			
11	120			
12	112			M
13	113			M
14	118			
15	82			
16	77			
17	85			
18	92			
19	70			
20	95			
21	94			
22	84			
23	90			
24	87			
25	89			
26	76			
27	80			Gill damage
28	73			
29	77			
30	86			
31	74			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	22/10/08	<b>Burn:</b>	Bu
<b>Time</b>	11:30	<b>Site code:</b>	BU-T3
<b>Easting:</b>	33344	<b>Access/Permission:</b>	
<b>Northing:</b>	04702	<b>Water temp (degC)</b>	8.2
<b>Site widths</b>	1.1	<b>Conductivity (µS/cm)</b>	514
	1.4	<b>Other species</b>	None
	1.3	<b>Site notes</b>	Fishing duration = 10mins. Water high & slightly coloured.
	1.8		
	1.4		
	1.7		
	1.6		
	1.7		
<b>Length</b>	49		

No.	Length	Weight	Smolt stage	Notes
1	129			Smolty
2	129			Smolty
3	95			
4	89			
5	71			
6	78			
7	70			Gill damage
8	74			
9	85			
10	72			
11	70			
12	87			
13	64			
14	88			
15	97			
16	69			
17	75			
18	66			
19	61			
20	68			
21	62			
22	71			
23	68			
24	60			
25	60			gill damage
26	73			
27	68			
28	77			
29	79			
30	71			
31	74			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	22/10/08	<b>Burn:</b>	Bu
<b>Time</b>	12:30	<b>Site code:</b>	BU-T4
<b>Easting:</b>	33266	<b>Access/Permission:</b>	
<b>Northing:</b>	04958	<b>Water temp (degC)</b>	8.2
<b>Site widths</b>	0.9	<b>Conductivity (µS/cm)</b>	457
	1.3	<b>Other species</b>	None
	0.9	<b>Site notes</b>	Fishing duration = 17mins. Water high & slightly coloured.
	1.0		
	0.9		
	1.2		
	0.7		
	0.8		
	1.3		
	1.3		
1.3			
<b>Length</b>	66m		

No.	Length	Weight	Smolt stage	Notes
1	133			
2	157			M
3	156			
4	135			M
5	133			
6	138			
7	11			
8	100			
9	104			
10	94			
11	80			
12	76			
13	75			
14	87			
15	71			
16	76			
17	80			
18	55			
19	67			
20	86			
21	63			
22	62			
23	64			
24	66			
25	63			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	22/10/08	<b>Burn:</b>	Bu
<b>Time</b>	13:30	<b>Site code:</b>	BU-T5
<b>Easting:</b>	33369	<b>Access/Permission:</b>	
<b>Northing:</b>	05270	<b>Water temp (degC)</b>	8.4
<b>Site widths</b>	1.3	<b>Conductivity (µS/cm)</b>	435
	1.3	<b>Other species</b>	None
	0.8	<b>Site notes</b>	Fishing duration = 17mins. Water high & slightly coloured.
	1.6		
	1.3		
	1.0		
	1.1		
	1.0		
	1.5		
	1.7		
0.6			
<b>Length</b>	66m		

No.	Length	Weight	Smolt stage	Notes
1	93			
2	139			M
3	138			M
4	132			M, BS
5	120			
6	109			
7	112			
8	109			
9	86			
10	82			
11	87			
12	85			
13	79			Gill damage
14	86			
15	79			
16	91			
17	98			
18	77			
19	71			
20	72			
21	80			
22	71			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	22/10/08	<b>Burn:</b>	Bu	
<b>Time</b>	14:30	<b>Site code:</b>	BU-T6	
<b>Easting:</b>	33215	<b>Access/Permission:</b>		
<b>Northing:</b>	05620	<b>Water temp (degC)</b>	8.5	
<b>Site widths</b>	0.8	<b>Conductivity (µS/cm)</b>	409	
	1.7	<b>Other species</b>	Eel 16cm	
	1.1	<b>Site notes</b>	Fishing duration = 14mins. Water high & slightly coloured.	
	0.7			
	1.2			
	1.2			
	1.3			
	1.3			
	0.9			
	0.7			
<b>Length</b>	52			
<b>No.</b>	<b>Length</b>	<b>Weight</b>	<b>Smolt stage</b>	<b>Notes</b>
1	153			M
2	127			M, BS on pelvic, dorsal and tail fins
3	133			M
4	125			
5	123			
6	113			M
7	71			
8	78			
9	93			
10	83			
11	84			
12	92			
13	86			
14	73			
15	83			
16	79			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	9/10/09	<b>Burn:</b>	Bu
<b>Time</b>	09:15	<b>Site code:</b>	BU-T1
<b>Easting:</b>	33532	<b>Access/Permission:</b>	
<b>Northing:</b>	04397	<b>Water temp (degC)</b>	8.5
<b>Site widths</b>	2.4	<b>Conductivity (µS/cm)</b>	558
	2.0	<b>Other species</b>	Eel, Sticklebacks, flounder
	1.3	<b>Site notes</b>	Fishing duration = 9mins. Battery ran out at 9 mins. Water medium clear.  Eels – 310, 130
	1.5		
	1.7		
	1.7		
	3.8		
	2.2		
<b>Length</b>	31m		

No.	Length	Weight	Smolt stage	Notes
1	138	29.2		Male, BS
2	141	29.3		BS, imm
3	132	27.7		Male,
4	141	30.4		Imm
5	126	21.9		Imm
6	75	4.8		
7	77	5.2		
8	60	2		
9	98	10.6		
10	93	9.1		
11	85	7.2		
12	86	7.1		
13	66	3.2		
14	77	4.8		
15	88	7		
16	65	3.1		
17	80			
18	73			
19	73			
20	77			
21	104			
22	88			
23	96			
24	69			
25	83			
26	85			
27	99			
28	88			
29	70			
30	68			
31	79			
32	82			
33	78			
34	92			
35	88			
36	73			
37	88			
38	83			
39	72			
40	85			
41	72			
42	64			



43	81			
44	83			
45	81			
46	88			
47	89			
48	62			
49	71			
50	77			
51	59			
52	50			
53	65			
54	86			
55	59			
56	62			
57	60			
58	79			
59	66			
60	70			
61	74			
62	88			
63	77			
64	69			
65	83			
66	63			
67	68			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	9/10/09	<b>Burn:</b>	Bu
<b>Time</b>	10:15	<b>Site code:</b>	BU-T3
<b>Easting:</b>	33344	<b>Access/Permission:</b>	
<b>Northing:</b>	04702	<b>Water temp (degC)</b>	8.5
<b>Site widths</b>	1.7	<b>Conductivity (µS/cm)</b>	553
	1.1	<b>Other species</b>	
	1.4	<b>Site notes</b>	Fishing duration = 10mins. Water medium clear.
	1.2		
	1.5		
	1.0		
	1.0		
<b>Length</b>	28m		

No.	Length	Weight	Smolt stage	Notes
1	133	27.0		Imm
2	135	29.8		Female
3	99	4.2		
4	74	3.9		
5	72	4.5		
6	74	4.7		
7	76	5		
8	78	2.6		
9	62	8.5		
10	92	7.3		
11	87	5.3		
12	75	2.1		
13	58	2		
14	56			
15	82			
16	84			
17	61			
18	87			
19	74			
20	61			
21	64			
22	57			
23	55			
24	53			
25	104			
26	95			
27	91			
28	72			
29	61			
30	61			
31	68			
32	72			
33	66			
34	44			
35	62			
36	68			
37	56			
38	67			
39	67			
40	62			
41	57			
42	65			
43	68			
44	62			
45	66			

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	9/10/09	<b>Burn:</b>	Bu
<b>Time</b>	12:00	<b>Site code:</b>	BU-T4
<b>Easting:</b>	33266	<b>Access/Permission:</b>	
<b>Northing:</b>	04958	<b>Water temp (degC)</b>	8.8
<b>Site widths</b>	0.8	<b>Conductivity (µS/cm)</b>	527
	1.1	<b>Other species</b>	Eel
	1.1	<b>Site notes</b>	Fishing duration = 10mins. Water medium clear.  Eel: 230mm
	1.2		
	1.4		
	1.5		
	1.1		
1.3			
<b>Length</b>	25m		

No.	Length	Weight	Smolt stage	Notes
1	97	10.7		
2	84	7.4		
3	67	3.1		
4	73	5		
5	65	3.2		
6	63	3.6		
7	88	8.4		
8	83	6.8		
9	73	4.3		
10	68	3.6		
11	55	1.8		
12	91	8.2		
13	69	3.9		
14	65			
15	61			
16	74			
17	51			
18	78			
19	51			
20	70			
21	58			
22	56			
23	42			
24	59			
25	51			
26	55			
27	56			
28	72			
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	9/10/09	<b>Burn:</b>	Bu
<b>Time</b>	13:00	<b>Site code:</b>	BU-T5
<b>Easting:</b>	33369	<b>Access/Permission:</b>	
<b>Northing:</b>	05270	<b>Water temp (degC)</b>	9.5
<b>Site widths</b>	1.5	<b>Conductivity (µS/cm)</b>	497
	1.4	<b>Other species</b>	-
	1.5	<b>Site notes</b>	Fishing duration = 19mins, battery died and tried to fish for longer, still picking up the odd fish. Water: medium clear.
	1.3		
	1.0		
	1.2		
	0.6		
	2.0		
	1.4		
<b>Length</b>	~30m		

No.	Length	Weight	Smolt stage	Notes
1	108	13.7		
2	92	10		
3	85	7.5		
4	98	10.6		
5	76	5.1		
6	77	5.5		
7	87	7.4		
8	61	3		
9	84	7.3		
10	86	8.3		
11	81	5.7		

**ELECTROFISHING RECORDING SHEET – GENERAL SURVEY**

<b>Date:</b>	9/10/09	<b>Burn:</b>	Bu
<b>Time</b>	14:00	<b>Site code:</b>	BU-T6
<b>Easting:</b>	33215	<b>Access/Permission:</b>	
<b>Northing:</b>	05620	<b>Water temp (degC)</b>	9.0
<b>Site widths</b>	1.4	<b>Conductivity (µS/cm)</b>	406
	1.2	<b>Other species</b>	-
	1.0	<b>Site notes</b>	Fishing duration = 10mins. Water: medium clear.
	0.6		
	1.1		
	1.6		
	0.9		
<b>Length</b>	26m		

No.	Length	Weight	Smolt stage	Notes
1	96	9.4		
2	71	4.1		
3	77	5.3		
4	102	13.1		
5	80	5.5		
6	73	3.7		
7	77	5.2		
8	90	8.2		
9	53	1.7		
10	78	5.6		
11	67	3.5		
12	79	5.7		
13	70	3.7		
14	75			
15	86			
16	75			
17	71			
18	63			
19	74			
20	61			
21	88			
22	55			
23	68			
24	70			
25	106			
26	63			
27	84			
28	70			
29	60			
30	70			
31	61			