



West Winch Housing Access Road

Environmental Statement Chapter 8: Annex 8.5 Aquatic Ecology Survey Report: Appendix A

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Contents

1 Introduction 3

Tables

Table 1-1 – Full aquatic macroinvertebrate taxon list..... 4



1 Introduction

1.1.1 Table 1-1 shows the full aquatic macroinvertebrate taxon list including Order, Family and Species.

Table 1-1 – Full aquatic macroinvertebrate taxon list

Order	Family	Species	CS	Pierpoint Drain Upstream S	Pierpoint Drain Upstream A	Pierpoint Drain Downstream S	Pierpoint Drain Downstream A
AMPHIPODA	Crangonyctidae	<i>Crangonyx pseudogracilis/floridanus agg.</i>	0	31	15	37	25
CRUSTACEA	Gammaridae	<i>Gammarus pulex/fossarum agg.</i>	0	0	0	2	0
BIVALVIA	Sphaeriidae	<i>Pisidium amnicum</i>	3	1	1	0	0
BIVALVIA	Sphaeriidae	<i>Pisidium sp.</i>	0	9	28	2	17
BIVALVIA	Sphaeriidae	<i>Sphaerium sp.</i>	0	0	1	3	0
COLEOPTERA	Dytiscidae	<i>Dytiscidae</i>	0	1	1	2	1
COLEOPTERA	Dytiscidae	<i>Graptodytes pictus</i>	3	0	0	1	1
COLEOPTERA	Dytiscidae	<i>Hydroporus sp.</i>	0	0	0	1	0
COLEOPTERA	Elmidae	<i>Oulimnius tuberculatus</i>	2	4	0	20	0
COLEOPTERA	Haliplidae	<i>Haliplus obliquus</i>	4	0	0	1	0
COLEOPTERA	Hydraenidae	<i>Hydraena nigrita</i>	7	0	0	3	0
COLEOPTERA	Hydrophilidae	<i>Berosus affinis</i>	7	3	0	8	0
COLEOPTERA	Hydrophilidae	<i>Enochrus testaceus</i>	3	0	0	2	0
COLEOPTERA	Hydrophilidae	<i>Helochares lividus</i>	7	0	0	2	0
COLEOPTERA	Hygrobiidae	<i>Hygrobia hermanni</i>	4	1	0	0	0
DIPTERA	Chironomidae	<i>Chironomidae</i>	0	13	36	3	11
EPHEMEROPTERA	Baetidae	<i>Cloeon dipterum</i>	1	20	3	144	379
EPHEMEROPTERA	Caenidae	<i>Caenis horaria</i>	1	0	0	2	0
EPHEMEROPTERA	Caenidae	<i>Caenis robusta</i>	5	1	1	0	0
GASTROPODA	Acroloxidae	<i>Acroloxus lacustris</i>	2	0	0	0	1
GASTROPODA	Bithyniidae	<i>Bithynia tentaculata</i>	1	23	26	10	14
GASTROPODA	Lymnaeidae	<i>Lymnaeidae</i>	0	0	1	1	1
GASTROPODA	Lymnaeidae	<i>Lymnaea stagnalis</i>	1	0	0	4	2
GASTROPODA	Physidae	<i>Physa fontinalis</i>	1	0	1	0	2
GASTROPODA	Planorbidae	<i>Planorbidae</i>	0	0	0	6	1
GASTROPODA	Planorbidae	<i>Anisus vortex</i>	1	11	10	23	10

GASTROPODA	Planorbidae	<i>Gyraulus albus</i>	1	0	2	0	1
GASTROPODA	Planorbidae	<i>Planorbis carinatus</i>	1	0	0	0	1
GASTROPODA	Planorbidae	<i>Planorbarius corneus</i>	4	2	2	1	1
GASTROPODA	Planorbidae	<i>Planorbis planorbis</i>	1	0	0	1	0
GASTROPODA	Valvatidae	<i>Valvata piscinalis</i>	1	1	0	0	0
HEMIPTERA	Corixidae	<i>Callicorixa praeusta</i>	3	0	0	0	1
HEMIPTERA	Corixidae	<i>Corixidae</i>	0	0	0	0	4
HEMIPTERA	Notonectidae	<i>Notonecta glauca</i>	1	0	0	0	1
HEMIPTERA	Pleidae	<i>Plea minutissima</i>	4	0	0	1	0
HIRUDINEA	Erpobdellidae	<i>Erpobdella octoculata</i>	1	0	0	1	0
HIRUDINEA	Glossiphoniidae	<i>Glossiphoniidae</i>	0	0	0	0	1
HIRUDINEA	Glossiphoniidae	<i>Theromyzon tessulatum</i>	2	1	0	0	0
MALACOSTRACA	Isopoda	<i>Asellus aquaticus</i>	1	10	0	11	9
LEPIDOPTERA	Lepidoptera	<i>Lepidoptera</i>	0	0	0	1	1
ODONATA	Coenagrionidae	<i>Coenagrionidae</i>	0	8	0	16	1
ODONATA	Coenagrionidae	<i>Coenagrion pulchellum</i>	5	0	7	0	0
ODONATA	Coenagrionidae	<i>Pyrrhosoma nymphula</i>	3	0	0	2	0
ODONATA	Libellulidae	<i>Libellulidae</i>	0	0	0	1	0
OLIGOCHAETA	Oligochaeta	<i>Oligochaeta</i>	0	6	21	1	62
TRICHOPTERA	Leptoceridae	<i>Athripsodes aterrimus</i>	1	0	0	1	0
TRICHOPTERA	Limnephilidae	<i>Limnephilidae</i>	0	3	1	4	0
TRICLADIDA	Dugesiidae	<i>Dugesia sp.</i>	0	0	1	0	0
TRICLADIDA	Dugesiidae	<i>Dugesia lugubris</i>	2	0	0	0	2
TRICLADIDA	Planariidae	<i>Polycelis sp.</i>	0	1	0	0	0
TRICLADIDA	Planariidae	<i>Polycelis nigra</i>	1	0	0	6	0
OSTRACODA	Ostracoda	<i>Ostracoda</i>	0	2	1	0	0
CLADOCERA	Cladocera	<i>Cladocera</i>	0	1	0	1	59
No data	Collembola	<i>Collembola</i>	0	1	1	1	0
Total number of taxa	No data	No data	No data	23	20	36	26
Total abundance	No data	No data	No data	154	160	326	609