

Elgin Flood Alleviation Earthworks Progress

Date Updated :28/02/2014

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QUANTITIES BASED ON MEASURE FROM 1/11/2011 to 28/02/2014

Earthworks Excavation/Cut

Phase 1

Location	Total Estimated Cut m3	Contaminated Class U1B m3	Japanese Knotweed m3	Hogweed Areas m3	Soft Areas m3	General Excavation m3	Concrete Slabs m3	Roads tarmac m3	Total Excavation m3	Remainder m3	% Complete	Comments
Chanonry Right												
Contaminated Land	0	0	0	0	0	0	0	0	0	0	100	
Floodplain Phase 1	10315	0	230	0	0	12525	0	0	12755	1879	81	Additional 350mm depth excavated for more fill, level made up with topsoil(3217m3)
Floodplain Phase 2	9608	0	210	0	0	9025	0	0	9235	373	96	
Floodplain Phase 3	10077	0	0	341	0	3890	230	0	4461	5616	44	
Embankment/Bund	1000	0	0	0	725	0	0	0	725	275	100	
Sub Total	30000	0	440	341	725	25440	230	0	27176	8143	91	
Chanonry Left												
Woodside East Floodplain	6411	0	0	0	0	8754	0	0	8754	0	100	Additional 350mm depth excavated for more fill, level made up with topsoil (2343m3)
Kirkhill West floodplain	12999	0	0	0	0	12846	0	0	12846	0	100	
Sub Total	19410	0	0	0	0	21600	0	0	21600	0	111	
Tyock Burn												
Contaminated Land	0	0	0	0	0	0	0	0	0	0	100	
Embankment/bund	3000	2992	0	0	0	0	0	0	2992	8	100	
Floodplain Phase 1	11191	0	0	0	0	15924	0	0	15924	375	97	Additional 350mm depth excavated for more fill, level made up with topsoil(4406m3)
Floodplain Phase 2	1156	0	0	0	0	1012	0	0	1012	144	88	Additional 350mm depth excavated for more fill, level made up with topsoil
Floodplain Phase 3	2006	0	0	0	0	1402	0	0	1402	604	70	
Tyock Burn Diversion ph1 (1m dp exc.)	27173	0	0	0	990	27302	0	0	28292	-1119	100	
Tyock Burn Diversion (remainder)	10311	0	0	0	0	10361	0	0	10361	-50	100	
Drainage Arisings (Tyock Culvert)	9800	0	0	0	0	9738	0	0	9738	62	99	quantity includes 860m3 excavated for baillies yard reinstatement
Sub Total	32983	2992	0	0	990	65739	0	0	69721	24	211	
Barmuckity												
Linkwood Channel	3938	0	0	0	0	4799	0	0	4799	0	100	
Infill to S/E corner to 9.5m AOD	0	0	0	0	0	0	0	0	0	0	100	
Sub Total	23008	0	0	0	0	4799	0	0	4799	0	21	
Pitgaveny												
Embankment/Bund	277	0	0	0	254	0	0	0	254	23	92	U/S from Ditch and soft spot
Passing places widenings	141	0	0	0	0	141	0	0	141	0	100	
Pitgaveny Ditch diversion	1105	0	0	0	0	651	0	0	651	454	59	
Sub Total	1382	0	0	0	254	792	0	0	1046	477	76	
Kirkhill												
Embankment/Bund	394	0	0	0	394	0	0	0	394	0	100	Soft spot excavated
Burn Diversion	11	0	0	0	0	0	0	0	0	11	0	
Sub Total	1382	0	0	0	394	0	0	0	394	11	29	
Grampian Road												
U1B Remediation at Reids transfer station	5000	1941	0	120	0	2341	0	0	4402	598	88	
Retaining Wall	891	658	0	0	0	0	0	0	658	233	74	
Embankment/Bund	3000	1312	0	0	0	0	1119	0	2431	569	81	Concrete removed from Scottish water site
Floodplain Ph1	57370	9170	123	0	0	43020	349	63	52725	4645	92	1542m3 to Deanshaugh
Floodplain Ph2	7188	2098	0	45	0	4692	0	0	6835	353	95	
Floodplain Ph3	6415	0	0	238	0	6002	67	0	6307	108	98	
Sub Total	100437	15179	123	403	0	56055	1535	63	73295	6506	73	
Kingsmills												
Contaminated Land	5397	0	0	0	0	0	0	0	0	5397	0	
Retaining Wall	100	0	0	0	0	0	0	0	0	100	0	
River Diversion Cut RHS	4609	0	0	0	0	0	0	0	2891	1718	63	
River Diversion Fill LHS	4701	1183	0	0	0	2719	0	0	3902	799	83	
Relief Channel/Pansport Playpark	8235	0	0	0	0	323	0	0	3543	4692	43	
Pansport Playpark	100	0	0	0	0	0	79	0	79	21	100	
Sub Total	23142	1183	0	0	0	3042	79	0	10415	12727	45	
Deanshaugh												
Embankment/Bund	0	0	0	0	0	0	0	0	0	0	100	
Floodplain Phase 1	6739	0	0	0	0	2802	0	0	2802	3937	42	
Floodplain Phase 2	507	0	0	0	0	435	0	0	345	162	68	
Floodplain Phase 3	466	0	0	0	0	467	0	0	0	466	0	
Sub Total	7712	0	0	0	0	3704	0	0	3147	4565	41	
Cooper Park												
Floodplain	22089	0	0	0	0	18045	0	0	18045	4044	82	
Bund No 1	0	0	0	0	0	0	0	0	0	0	0	
Bund No 2	360	0	0	0	0	0	0	0	0	360	0	
Bund No 3	356	0	0	0	0	0	0	0	0	356	0	
Sub total	22805	0	0	0	0	18045	0	0	18045	4760	79	
Totals	260879	19354	563	744	1969	195512	1844	63	229244	37202	88	