

**TABLE 5
CALCULATED APPLICATION VOLUMES OF EHC-O
CSXT - RIVER STREET DERAILMENT PROJECT
ROCHESTER, NY**

IP	Injection Depths (ft bgs)	Thickness (ft)	Area (sq.ft.)	Volume (cu.ft.)	Soil Mass (lb)	EHC-O Application Rate (%)	EHC-O Required (lb)	Water Required (gal)	EHC-O Slurry (gal)	
1	2-8	6	314	1,884	209,333	0.10	209	75	81	T R A C K A O C
2	2-8	6	314	1,884	209,333	0.10	209	75	81	
3	2-8	6	314	1,884	209,333	0.10	209	75	81	
4	14-22	8	314	2,512	279,111	0.10	279	100	108	
5	5-22	17	314	5,338	593,111	0.10	593	213	230	
6a	0-3	3	314	942	104,667	0.10	105	38	41	
6b	14-22	8	314	2,512	279,111	0.10	279	100	108	
7	3-9	6	314	1,884	209,333	0.10	209	75	81	
8	6-16	10	314	3,140	348,889	0.10	349	125	136	
9	5-13	8	314	2,512	279,111	0.10	279	100	108	
10 a	4-6	2	314	628	69,778	0.10	70	25	27	
10 b	12-14	2	314	628	69,778	0.10	70	25	27	
11	6-16	10	314	3,140	348,889	0.10	349	125	136	
12	5-13	8	314	2,512	279,111	0.10	279	100	108	
13	2-17	15	314	4,710	523,333	0.10	523	188	203	
14	2-21	19	314	5,966	662,889	0.10	663	238	258	
15	6-19	13	314	4,082	453,556	0.10	454	163	176	
16	2-17	15	314	4,710	523,333	0.10	523	188	203	
17	2-21	19	314	5,966	662,889	0.10	663	238	258	
18	6-19	13	314	4,082	453,556	0.10	454	163	176	
19	2-17	15	314	4,710	523,333	0.10	523	188	203	
20	2-16	14	314	4,396	488,444	0.10	488	176	190	
21	2-17	15	314	4,710	523,333	0.10	523	188	203	
22	2-17	15	314	4,710	523,333	0.10	523	188	203	
23	2-17	15	314	4,710	523,333	0.10	523	188	203	
24	2-17	15	314	4,710	523,333	0.10	523	188	203	
25	2-12	10	314	3,140	348,889	0.10	349	125	136	
26	0.5-6	5.5	314	1,727	191,889	0.10	192	69	75	
27	0.5-6	5.5	314	1,727	191,889	0.10	192	69	75	
28	0.5-6	5.5	314	1,727	191,889	0.10	192	69	75	
29	0.5-6	5.5	314	1,727	191,889	0.10	192	69	75	
30	8-12	6	314	1,884	209,333	0.10	209	75	81	East AOC
31	8-12	6	314	1,884	209,333	0.10	209	75	81	
32	8-26	18	314	5,652	628,000	0.10	628	226	244	
33	8-26	18	314	5,652	628,000	0.10	628	226	244	

Project Total	113,982	12,664,667		12,665	4,556	4,920
Track AOC Total	98,910	10,990,000		10,990	3,953	4,269
East AOC Total	15,072	1,674,667		1,675	602	651