

Attachment 2

Results Tables from RAP

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Site Audit Report

May 2008

Remedial Action Plan

S4015604_SARFinal_12May08

Commercial in Confidence

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Table 1: Summary of All Data for FH & Silty Clay Material - Mandorsalstown Gasworks Site

Sample Location	Casing (AZC)	Monitoring (AMU)	Elevation (AOD)	Soil Profile	Sample Depth (m)	Concentration of Constituents - Detections in mg/kg															
						As	Cr	Pb	Co	Cd	Cu	Fe	Mn	Ni	Mo	Se	Zn	Al	Si	Ca	
Comment: 1. Heavy Metals (As, Cr, Pb, Co, Cd, Cu, Fe, Mn, Ni, Mo, Se, Zn) are reported in mg/kg. 2. All other elements are reported in mg/kg. 3. Values are rounded to the nearest integer. 4. Values in bold indicate detection. 5. Values in red indicate exceedance of the relevant guideline value. 6. Values in green indicate values below the detection limit.																					
Geotechnical																					
894	17181.713	1247021.333	14.02	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
895	17181.956	1247021.228	13.73	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
896	17182.243	1247021.246	13.47	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
897	17182.530	1247021.264	13.21	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
898	17182.817	1247021.282	12.95	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
899	17183.104	1247021.300	12.69	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
900	17183.391	1247021.318	12.43	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
901	17183.678	1247021.336	12.17	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
902	17183.965	1247021.354	11.91	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
903	17184.252	1247021.372	11.65	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
904	17184.539	1247021.390	11.39	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
905	17184.826	1247021.408	11.13	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
906	17185.113	1247021.426	10.87	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
907	17185.400	1247021.444	10.61	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
908	17185.687	1247021.462	10.35	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
909	17185.974	1247021.480	10.09	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
910	17186.261	1247021.498	9.83	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
911	17186.548	1247021.516	9.57	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
912	17186.835	1247021.534	9.31	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
913	17187.122	1247021.552	9.05	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
914	17187.409	1247021.570	8.79	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
915	17187.696	1247021.588	8.53	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
916	17187.983	1247021.606	8.27	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
917	17188.270	1247021.624	8.01	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
918	17188.557	1247021.642	7.75	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
919	17188.844	1247021.660	7.49	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
920	17189.131	1247021.678	7.23	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
921	17189.418	1247021.696	6.97	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
922	17189.705	1247021.714	6.71	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
923	17189.992	1247021.732	6.45	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
924	17190.279	1247021.750	6.19	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
925	17190.566	1247021.768	5.93	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
926	17190.853	1247021.786	5.67	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
927	17191.140	1247021.804	5.41	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
928	17191.427	1247021.822	5.15	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
929	17191.714	1247021.840	4.89	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
930	17192.001	1247021.858	4.63	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
931	17192.288	1247021.876	4.37	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
932	17192.575	1247021.894	4.11	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
933	17192.862	1247021.912	3.85	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
934	17193.149	1247021.930	3.59	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
935	17193.436	1247021.948	3.33	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
936	17193.723	1247021.966	3.07	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
937	17194.010	1247021.984	2.81	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
938	17194.297	1247022.002	2.55	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
939	17194.584	1247022.020	2.29	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
940	17194.871	1247022.038	2.03	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
941	17195.158	1247022.056	1.77	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
942	17195.445	1247022.074	1.51	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
943	17195.732	1247022.092	1.25	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
944	17196.019	1247022.110	0.99	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
945	17196.306	1247022.128	0.73	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
946	17196.593	1247022.146	0.47	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
947	17196.880	1247022.164	0.21	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
948	17197.167	1247022.182	-0.05	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
949	17197.454	1247022.200	-0.31	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
950	17197.741	1247022.218	-0.57	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
951	17198.028	1247022.236	-0.83	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
952	17198.315	1247022.254	-1.09	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
953	17198.602	1247022.272	-1.35	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
954	17198.889	1247022.290	-1.61	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
955	17199.176	1247022.308	-1.87	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
956	17199.463	1247022.326	-2.13	Drainage	0.01	1.07	21	214.2	11	11	11	11	11	11	11	11	11	11			
957	17199.750	1247022.344	-2.39	Drainage	0.01	1.07	21	214.2	11	11	11										

Attachment 3

Calculations for Risk Based Criteria from RAP

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