



# Former Guterl Specialty Corporation Steel Site Groundwater Monitoring Data Release

**U.S. Army Corps of Engineers  
Buffalo District**

**Building Strong®**

## Formerly Utilized Sites Remedial Action Program (FUSRAP)

**October 2010**

### **Site Description**

The Former Guterl Specialty Steel Corporation Site (Guterl Site) is located 20 miles northeast of Buffalo, New York, in Lockport, Niagara County, New York. The U. S. Army Corps of Engineers (Corps) Buffalo District performed a Remedial Investigation (RI) of this site under the Formerly Utilized Sites Remedial Action Program (FUSRAP) and has just started the Feasibility Study (FS) phase.

The 70-acre site is comprised of a combination of parcels that make up three general areas: the 52-acre Allegheny Ludlum Corporation property [also referred to as the Niagara County Industrial Development Agency (NCIDA) property], the 9-acre Landfill Area, and the 9-acre Excised Area. In addition, the FUSRAP RI included areas adjacent to these properties, i.e., a privately owned lot to the north of the landfill, a railroad right-of-way to the north of the NCIDA property, and a stretch of the Erie Canal directly southeast of the site.

### **Groundwater Monitoring**

During September 2009, the Corps performed groundwater sampling at the Guterl Site in support of the RI/FS process. The Corps expanded the groundwater monitoring program that was initiated during the RI (August and November 2007) and included additional sampling locations during 2009. The purpose of this environmental data release is to provide a summary of the radiological analytical data resulting from the samples collected during this sampling event and previous sampling events. The U.S. Army Corps of Engineers (USACE) Buffalo District is posting this data to the Guterl Site webpage available at: <http://www.lrb.usace.army.mil/fusrap/guterl>.

A site map which includes the location of the RI groundwater monitoring wells (Figure 1) is included on the next page. Table 1, which is also included, presents the radiological analytical data resulting from sampling events performed by the Corps through September 2009. The analytical results are consistent with the RI findings and confirm that groundwater at the site poses no imminent risk to human health and the environment.

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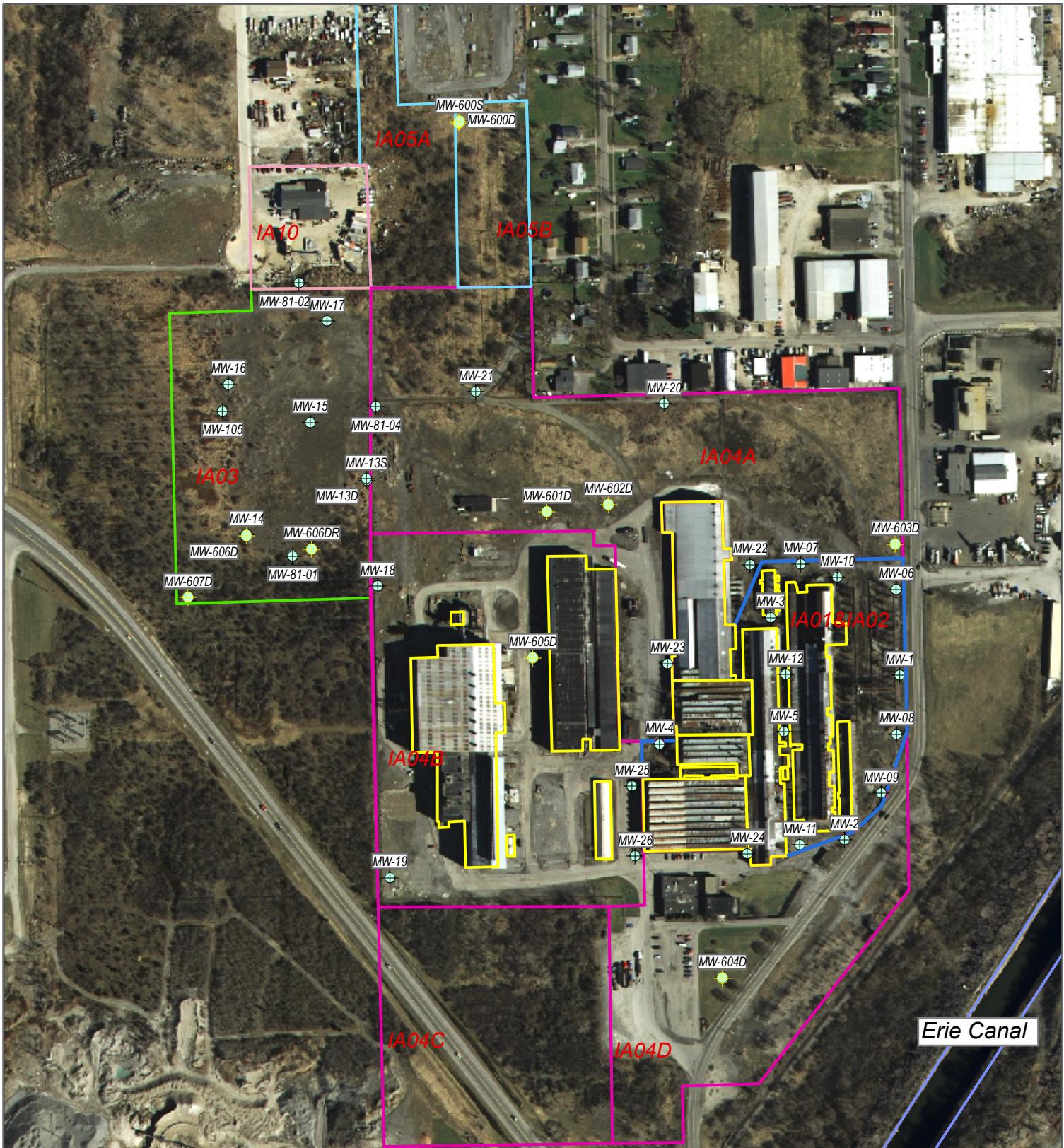
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#### Monitoring Wells

- ◆ Remedial Investigation Wells
- ◆ Other Wells

Note:

- MW-1 through MW-5 and MW-105 (NYSDEC, 1997)
- MW-06 through MW-26 (NYSDEC, 2006)
- MW-600 through MW-607 (Earth Tech, 2007)
- MW-81-01, MW-81-02 and MW-81-04 (SLC, 1981)

- IA01 - Excised Area - Building Surfaces and Interiors
- IA02 - Excised Area - Building Exteriors
- IA03 - Landfill Area
- IA04 - NCIDA Property
- IA05 - Railroad Right-of-Way
- IA09 - Erie Canal
- IA10 - Ulster Asbestos
- Guterl Buildings



United States Army Corps of Engineers  
Buffalo District



GUTERL SPECIALTY STEEL CORPORATION  
LOCKPORT, NY

#### REMEDIATION INVESTIGATION MONITORING WELL LOCATIONS

**TABLE 1**  
**FORMER GUTERL SPECIALTY STEEL CORPORATION FUSRAP SITE**  
**GROUNDWATER RESULTS 2007-2009**

Investigation Area	Sample ID	Sample Date	233/234 U (pCi/L) (a)	235/236 U (pCi/L) (a)	238 U (pCi/L) (a)	228 Th (pCi/L) (b)	230 Th (pCi/L) (b)	232 Th (pCi/L) (b)	226 Ra (pCi/L) (c)	228 Ra (pCi/L) (d)	Total U ( $\mu$ g/L) (e)
A02	MW-01	Aug-07	1.32	-0.005 ND	1.27	-0.036 ND	0.45	0.005 ND	0.23	1.41	--
		Nov-07	1.03	0.046 ND	0.72	-0.02 ND	0.2	-0.006 ND	0.21	0.23 ND	--
		Sep-09	2.06	0.0263 ND	1.24 ND	0.00883 ND	-0.0182 ND	-0.0182 ND	0.783	0.205 ND	3.21
	MW-01-F	Aug-07	1.46	0.07 ND	1.3	0.11 ND	0.23	0.035 ND	0.2	0.75	--
		Nov-07	0.83	0.056 ND	0.93	-0.007 ND	0.17	0.041 ND	0.34	-0.01 ND	--
		Sep-09	1.7	0.221	1.18	0.0108 ND	0.136 ND	0.0542 ND	1	0.865 ND	3.1
	MW-02	Aug-07	6.3	0.22	7.2	0.018 ND	0.022 ND	0 ND	0.18	0.25 ND	--
		Nov-07	6	0.4	7.1	0.03 ND	0.2	0.001 ND	0.16 ND	0.25 ND	--
		Sep-09	12.4	1.02	15.5	-0.00432 ND	0.0205 ND	0	1.06	0.559 ND	35.3
	MW-02-F	Aug-07	6.1	0.3	6.5	0.014 ND	0.083 ND	-0.009 ND	0.18	-0.23 ND	--
		Nov-07	5.85	0.33	7.1	0.018 ND	0.17	-0.004 ND	0.11 ND	0.16 ND	--
		Sep-09	12.5	0.728	12.2	-0.0163 ND	0.0389 ND	0	0.814	0.791 ND	37.1
	MW-03	Aug-07	2.38	0.13 ND	1.8	-0.024 ND	0.24	-0.02 ND	0.16 ND	-0.01 ND	--
		Nov-07	1.89	-0.01 ND	1.56	0.06 ND	0.21	0.017 ND	0.24	0.1 ND	--
		Sep-09	1.2	0.431	1.04	-0.00435 ND	0.0451 ND	0.0456 ND	0.402 ND	0.848 ND	2.78
	MW-03-F	Aug-07	2.2	0.09	2.31	0 ND	0.24	-0.012 ND	0.14 ND	-0.02 ND	--
		Nov-07	1.68	0.068 ND	1.62	0.05 ND	0.058 ND	-0.012 ND	0.35	0.07 ND	--
		Sep-09	1.43	0.274 ND	1.64	0.0086 ND	0.175	0.0297 ND	1.04	1.24	3.26
	MW-04	Aug-07	17.8	0.72	16.2	0.2 ND	0.17	-0.01 ND	0.62	0.54	--
		Nov-07	17.3	0.66	15.7	0.18	0.2	0.01 ND	0.41	0.21 ND	--
		Sep-09	15.3	0.92	13.4	0.0815 ND	0.132 ND	0.0175 ND	0.38 ND	1.26	30.5
	MW-04-F	Aug-07	18.2	0.79	15.9	0.07 ND	0.24	-0.004 ND	0.15 ND	0.15 ND	--
		Nov-07	17.9	0.76	16.8	0.07 ND	0.21	0.023 ND	0.22 ND	0.1 ND	--
		Sep-09	13.3	0.554	12.8	0.0373 ND	0.267	0.0212 ND	0.401	0.481 ND	33.4
	MW-05	Aug-07	3.03	0.25	2.61	0.04 ND	0.34	-0.005 ND	0.14 ND	0.19 ND	--
		Nov-07	2.2	0.045 ND	2.09	0.07 ND	0.23	-0.012 ND	0.1 ND	0.27 ND	--
		Sep-09	2.08	0.18	1.56	0.0125 ND	0.0725 ND	0.0773	0.327 ND	0.65 ND	5.16
	MW-05-F	Aug-07	3.19	0.25	2.77	0.11 ND	0.33	-0.009 ND	0.22 ND	0.11 ND	--
		Nov-07	2.16	0.15	1.82	0.006 ND	0.27	-0.013 ND	0.16 ND	-0.05 ND	--
		Sep-09	2.59	0.193	2	-0.0414 ND	0.0664 ND	0.0311 ND	0.132 ND	0.689 ND	5.91
	MW-06	Aug-07	1.55	0.028 ND	1.29	0.077 ND	0.081 ND	0.028 ND	0.12 ND	0.44 ND	--
		Nov-07	3.91	0.15	2.94	-0.05 ND	0.064 ND	-0.009 ND	0.04 ND	0.002 ND	--
		Sep-09	0.803	0.053 ND	0.474	0.00957 ND	0.041 ND	0 ND	0.761	0.346 ND	1.2
	MW-06-F	Aug-07	1.3	0.06 ND	1.06	0.035 ND	0.45	-0.013 ND	0.044 ND	0.53 ND	--
		Nov-07	2.95	0.09 ND	2.62	0.007 ND	0.21	-0.004 ND	0.15 ND	0.01 ND	--
		Sep-09	0.308 ND	0.104 ND	0.317	0.00495 ND	0.0314 ND	-0.0217 ND	0.409	0.523 ND	0.819 ND
	MW-07	Sep-09	0.271 ND	0.267 ND	0.487	0.137 ND	0.134 ND	-0.0151 ND	0.856	1.04	1.27
	MW-07-F	Sep-09	0.777	0.187 ND	0.331	-0.0103 ND	0.172	-0.00999 ND	0.247 ND	-0.096 ND	1.24
	MW-08	Aug-07	0.51	0 ND	0.26	-0.012 ND	0.21	0.038 ND	0.24	0.24 ND	--
		Nov-07	0.41	0 ND	0.26	0.072 ND	0.15	-0.012 ND	0.21 ND	-0.02 ND	--
		Sep-09	0.754	0.0376 ND	0.309 ND	-0.0135 ND	0.0986 ND	-0.0131 ND	0.819	0.754 ND	0.966 ND
	MW-08-F	Aug-07	0.39	-0.005 ND	0.18	-0.011 ND	0.15	-0.004 ND	0.22	0.04 ND	--
		Nov-07	0.23	0.045 ND	0.084 ND	-0.019 ND	0.23	-0.008 ND	0.26	0.06 ND	--
		Sep-09	0.667	0.0373 ND	0.111 ND	-0.0197 ND	0.235	0.0282 ND	0.941	0.463 ND	0.809 ND
	MW-09	Aug-07	4.2	0.27	4.99	0.058 ND	0.058 ND	-0.0041 ND	0.12 ND	-0.82 ND	--
		Nov-07	4.22	0.23	4.5	-0.007 ND	0.23	0.019 ND	0.05 ND	-0.05 ND	--
		Sep-09	6.42	0.436	6.8	0.013 ND	0.198	0.027 ND	1.38	0.993	18.9
	MW-09-F	Aug-07	4.74	0.16	5.17	-0.028 ND	0.12	0 ND	0.12 ND	-0.17 ND	--
		Nov-07	4.03	0.22	4.11	0.018 ND	0.18	0.016 ND	0.06 ND	0.15 ND	--
		Sep-09	6.86	0.677	8.38	0.0415 ND	0.184	0.122	0.857	0.891	18
	MW-10	Sep-09	0.596	0.0394 ND	0.491	0.139 ND	0.125 ND	0.0699 ND	0.851	1.37	0.965 ND
	MW-10-F	Sep-09	0.198	0.0889 ND	0.36	-0.0104 ND	0.733	0.0185 ND	1.03	-0.179 ND	1
	MW-11	Aug-07	1.82	0.13	1.9	-0.001 ND	0.046 ND	0.001 ND	0.22	0.19 ND	--
		Nov-07	6.8	0.38	5.91	0.025 ND	0.34	0.04 ND	0.26	0.38 ND	--
		Sep-09	1.36	0.27	1.27	-0.0142 ND	0.0636 ND	0.07 ND	0.683	0.931 ND	2.61
	MW-11-F	Aug-07	1.65	0.1	1.41	-0.01 ND	0.17	0.015 ND	0.27	0.12 ND	--
		Nov-07	5.32	0.33	5.28	-0.03 ND	0.21	-0.014 ND	0.52	0.28 ND	--
		Sep-09	2.22	0.184 ND	2.34	-0.0418 ND	0.21 ND	-0.0231 ND	0.275 ND	0.311 ND	6.39
	MW-12	Sep-09	0.7	0.0682 ND	0.422	-0.037 ND	0.118 ND	-0.00504 ND	0.293 ND	0.699 ND	1.31
	MW-12-F	Sep-09	0.614	0.0123 ND	0.482	-0.0105 ND	0.051 ND	0.0605 ND	0.747	0.382 ND	0.73 ND
A03	MW-13D	Aug-07	19.6	0.82	.21	0.047 ND	0.17	0.04 ND	0.23	0.09 ND	--
		Nov-07	20.3	1	22.4	0.028 ND	0.17	0.2	0.18 ND	-0.09 ND	--
		Sep-09	30.5	1.83	32.4	0.027 ND	0.127	0.0263 ND	0.491	0.603 ND	102
	MW-13D-F	Aug-07	21.4	0.98	20.9	0.004 ND	0.072	-0.008 ND	0.24	0.11 ND	--
		Nov-07	20.4	1.05	22.3	0.1 ND	0.17	-0.0046 ND	0.26	-0.01 ND	--
		Sep-09	34.3	1.91	35.6	0.0269 ND	0.0947	0 ND	0.645	0.54 ND	106
	MW-14	Aug-07	0.92	0.1	0.9	0.14	0.19	0.009 ND	0.24	0.33 ND	--
		Nov-07	1.52	0.021 ND	1.08	0.18	0.15	-0.008 ND	0.33	-0.4 ND	--
		Sep-09	2.47	0.229	2.94	0.0266 ND	0.203	0.022 ND	0.37 ND	0.533 ND	6.39
	MW-14-F	Aug-07	0.87	0.036 ND	0.8	0.12 ND	0.14	-0.014 ND	0.33	0.57 ND	--
		Nov-07	0.93	0.048 ND	1.17	0.23 ND	0.28	0.024 ND	0.25	-0.1 ND	--
		Sep-09	2.44	0.251	2.83	0.05 ND	0.103 ND	0.0698 ND	0.346	1.24	7

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**GROUNDWATER RESULTS 2007-2009**

Investigation Area	Sample ID	Sample Date	233/234 U (pCi/L) (a)	235/236 U (pCi/L) (a)	238 U (pCi/L) (a)	228 Th (pCi/L) (b)	230 Th (pCi/L) (b)	232 Th (pCi/L) (b)	226 Ra (pCi/L) (c)	228 Ra (pCi/L) (d)	Total U ( $\mu$ g/L) (e)
A03	MW-15	Aug-07	0.17	0.06 ND	0.11 ND	-0.012 ND	0.32	0.024 ND	0.06 ND	0.03 ND	--
		Nov-07	4.13	0.34	4.58	0.08 ND	0.16	0.034 ND	0.03 ND	-0.03 ND	--
		Sep-09	1.03	0.14 ND	0.387	-0.0366 ND	0.0463 ND	-0.0198 ND	0.278 ND	0.876 ND	0.842 ND
	MW-15-F	Aug-07	0.12	-0.005 ND	0.082 ND	0.16	0.25	-0.004 ND	0.08 ND	0.006 ND	--
		Nov-07	5.7	0.33	7.2	0.06 ND	0.33	-0.004 ND	0.18 ND	-1.6 ND	--
		Sep-09	0.4	0.0872 ND	0.633	0.00704 ND	0.0571 ND	0.00733 ND	0.431 ND	-0.0665 ND	1.09
	MW-16	Aug-07	5.55	0.31	6.3	0.04 ND	0.23	0.009 ND	0.15 ND	0.51 ND	--
		Nov-07	8.6	0.43	9.6	0.2	0.14	-0.026 ND	0.23	-0.11 ND	--
		Sep-09	11.4	0.701	10.3	0.283	0.186 ND	0.0166 ND	0.0572 ND	1.16 ND	29.8
	MW-16-F	Aug-07	5.59	0.39	6.4	0.036 ND	0.19	-0.009 ND	0.1 ND	0.48 ND	--
		Nov-07	9	0.33	9.7	0.07 ND	0.24	0.014 ND	0.34	-0.06 ND	--
		Sep-09	11	0.905	11.6	-0.0102 ND	0.0773 ND	0 ND	0.356 ND	0.329 ND	32
	MW-17	Aug-07	0.66	0.071	0.64	0.019 ND	0.12	-0.023 ND	0.38	0.65 ND	--
		Nov-07	0.61	0.016 ND	0.57	0.17	0.18	-0.004 ND	0.42	-0.25 ND	--
		Sep-09	2.55	0.319	2.43	0.0962 ND	0.0628 ND	0.0541 ND	0.635	0.822 ND	6.21
	MW-17-F	Aug-07	0.78	0.1 ND	0.93	0.13 ND	0.43	-0.004 ND	0.33	0.21 ND	--
		Nov-07	0.48	0.049 ND	0.54	0.24	0.25	0.056 ND	0.32	-0.09 ND	--
		Sep-09	2.09	0.136 ND	2.06	0.0353 ND	0.105	0.0261 ND	0.209 ND	0.336 ND	6.86
	MW-606D	Sep-09	2.86	0.268	3.03	0.048 ND	0.187	0.0185 ND	0.891	1.32	7.24
	MW-606D-F	Sep-09	2.62	0.213	3.1	-0.0151 ND	0.203	0.087	1.2	0.97	5.67
	MW-606DR	Nov-07	2.66	0.16	2.9	0.051 ND	0.13	-0.013 ND	0.23	0.18 ND	--
	Sep-09	5.27	0.438	4.43	0.219 ND	0.179 ND	0.0429 ND	0.614	1.19 ND	13.2	
	MW-606DR-F	Nov-07	2.51	0.2	2.4	0.07 ND	0.12	0.011 ND	0.17 ND	0.22 ND	--
	Sep-09	5.78	0.555	6.42	-0.0224 ND	0.0341 ND	0.0496 ND	0.932	0.78 ND	15	
	MW-607D	Aug-07	0.033 ND	-0.008 ND	-0.01 ND	0.11	0.24	0.016 ND	0.29	0.25 ND	--
		Nov-07	0.023 ND	-0.005 ND	0.064 ND	0.16	0.13	0.015 ND	0.14	0.14 ND	--
		Sep-09	5.5	0.269	4.92	-0.00538 ND	0.134	0.0782 ND	1.04	0.266 ND	14.9
	MW-607D-F	Aug-07	0.064 ND	0.019 ND	0.027 ND	0.012 ND	0.15	0.015 ND	0.24	0.14 ND	--
		Nov-07	0.15	-0.009 ND	0.009 ND	0.05 ND	0.12 ND	0.022 ND	0.18 ND	-0.24 ND	--
		Sep-09	6.07	0.456	6.52	-0.0151 ND	0.101 ND	0.0621	0.907	0.206 ND	17.7
A04A	MW-20	Aug-07	3.36	0.22	3.67	0.07 ND	0.22	0.02 ND	0.12 ND	0.28 ND	--
		Nov-07	3.84	0.17	3.86	-0.014 ND	0.062 ND	0.062 ND	0.02 ND	0.22 ND	--
		Sep-09	4.84	0.24	4.64	0.0293 ND	0.0578 ND	0.0192 ND	0.209 ND	0.558 ND	13.1
	MW-20-F	Aug-07	3.64	0.14	3.78	0.063 ND	0.19	-0.008 ND	0.025 ND	0.46 ND	--
		Nov-07	3.59	0.19	3.5	-0.019 ND	0.29	0.023 ND	0.13 ND	0.29 ND	--
		Sep-09	5.04	0.205 ND	4.82	-0.0362 ND	0.135 ND	0.108 ND	0.396 ND	0.787 ND	12.2
	MW-21	Aug-07	1.91	0.07 ND	1.65	0.24	0.19	-0.007 ND	0.23	0.11 ND	--
		Nov-07	2	0.02 ND	2.34	0.03 ND	0.24	-0.004 ND	0.23	0.01 ND	--
		Sep-09	1.45	0.0804 ND	1.05	-0.00567 ND	0.352	0.13	0.103 ND	-0.102 ND	2.52
	MW-21-F	Aug-07	1.69	0.046 ND	1.32	0.18	0.19	0.009 ND	0.35	0.08 ND	--
		Nov-07	1.97	0.12	1.75	0.05 ND	0.036 ND	-0.012 ND	0.21 ND	0.25 ND	--
		Sep-09	1.2	0.256	1.22	-0.0661 ND	0.532	-0.00713 ND	1.42	0.926 ND	3.52
	MW-22	Aug-07	23.3	1.24	22.7	0.06 ND	0.11	-0.008 ND	0.1 ND	0.1 ND	--
		Nov-07	4.85	0.26	4.98	0.004 ND	0.11 ND	-0.027 ND	0.32	-0.1 ND	--
		Sep-09	31.7	2.43 ND	29.2	0.0374 ND	0.0317 ND	0.0155 ND	0.642	1.07	76.3
	MW-22-F	Aug-07	21.5	1	21.8	0.1 ND	0.21	0.016 ND	0.23	0.19 ND	--
		Nov-07	4.49	0.19	4.1	0.018 ND	0.062 ND	0.017 ND	0.35	0.24 ND	--
		Sep-09	28.4	2.04	21.8	0.0519 ND	0.0913	-0.00517 ND	1.13	0.993	82
	MW-23	Aug-07	2.06	0.044 ND	1.97	0.13 ND	0.13 ND	0.022 ND	0.18	0.39 ND	--
		Nov-07	3.18	0.09 ND	3.5	0.04 ND	0.2	0.009 ND	0.11 ND	0.09 ND	--
		Sep-09	3.26	0.212 ND	2.41	-0.00163 ND	0.281	-0.0333 ND	0.432	0.805 ND	6.91
	MW-23-F	Aug-07	2.71	0.16 ND	2.34	0.11 ND	0.11	-0.008 ND	0.22	0.35 ND	--
		Nov-07	3.79	0.076	3.36	0.09 ND	0.17	0.037 ND	0.14 ND	0.38 ND	--
		Sep-09	2.71	0.412	3.3	-0.00583 ND	0.0688 ND	-0.0142 ND	1.44	0.721 ND	5.85
	MW-601D	Aug-07	5.83	0.4	5.23	0.08 ND	0.31	0.015 ND	0.22	0.3 ND	--
		Nov-07	7.1	0.45	7	0.07 ND	0.2	-0.005 ND	0.14 ND	0.11 ND	--
		Sep-09	0.916	0.173 ND	0.84	-0.00528 ND	0.0768 ND	0.0225 ND	0.457 ND	0.635 ND	2.17
	MW-601D-F	Aug-07	6.3	0.24	6.5	0.08 ND	0.39	-0.008 ND	0.11 ND	0.33 ND	--
		Nov-07	8	0.48	8.4	-0.018 ND	0.14	-0.004 ND	0.2 ND	0.36 ND	--
		Sep-09	1.53	0.121 ND	1.17	-0.011 ND	0.0893 ND	0.0208 ND	0.947	0.239 ND	3.43
	MW-602D	Aug-07	36	1.77	37.5	-0.018 ND	0.15	-0.02 ND	0.3	0.67 ND	--
		Nov-07	25.6	1.39	26	0.033 ND	0.18	0.019 ND	0.15 ND	-0.1 ND	--
		Sep-09	53.7	3.49	47.4	-0.0274 ND	0.383	0 ND	0.0424 ND	0.459 ND	150
	MW-602D-F	Aug-07	39.1	2.15	39	0.023 ND	0.17	0.021 ND	0.37	0.63 ND	--
		Nov-07	27.6	1.77	29.8	0.001 ND	0.24	0.26	0.15 ND	0.4 ND	--
		Sep-09	47.7	3.85	47	0.12 ND	0.105 ND	0.0119 ND	0.212 ND	1.18	133
	MW-603D	Aug-07	4.06	0.2	3.84	0.15 ND	0.17	0.001 ND	0.25	0.07 ND	--
		Nov-07	5.06	0.1 ND	4.28	-0.07 ND	0.16	0 ND	0.04 ND	0.06 ND	--
		Sep-09	2.65	0.492	2.12	-0.00537 ND	0.216	0.0503 ND	1.38	0.495 ND	4.84
	MW-603D-F	Aug-07	1.15	0.02 ND	0.86	0.17	0.29	0.042 ND	0.28	0.36 ND	--
		Nov-07	3.92	0.066 ND	3.42	0.05 ND	0.29	-0.01 ND	0.16 ND	0.12 ND	--
		Sep-09	2.47	0.29	2.33	0.0183 ND	0.0495 ND	-0.00917 ND	1.04	0.45 ND	4.88

**TABLE 1**  
**FORMER GUTERL SPECIALTY STEEL CORPORATION FUSRAP SITE**  
**GROUNDWATER RESULTS 2007-2009**

Investigation Area	Sample ID	Sample Date	233/234 U (pCi/L) (a)	235/236 U (pCi/L) (a)	238 U (pCi/L) (a)	228 Th (pCi/L) (b)	230 Th (pCi/L) (b)	232 Th (pCi/L) (b)	226 Ra (pCi/L) (c)	228 Ra (pCi/L) (d)	Total U ( $\mu$ g/L) (e)
A04B	MW-18	Aug-07	42	2.2	43.2	0.02 ND	0.037 ND	-0.004 ND	0.28	0.75	--
		Nov-07	40.4	1.61	39.2	-0.003 ND	0.68	-0.003 ND	0.17 ND	-0.06 ND	--
		Sep-09	54.2	5.11	51.4	0.106 ND	0.2 ND	0.0433 ND	0.787	0.565 ND	150
	MW-18-F	Aug-07	42.6	1.66	41.4	0.008 ND	0.15	-0.011 ND	0.31	0.39 ND	--
		Nov-07	41.4	2.08	44.3	0.054 ND	0.39	0.026 ND	0.1 ND	-0.3 ND	--
		Sep-09	51.9	3.07	50.4	0.0261 ND	0.213 ND	0.0263 ND	1	1.09	140
	MW-19	Aug-07	2.22	0.1 ND	2.18	0.057 ND	0.065 ND	-0.009 ND	0.05 ND	0.53 ND	--
		Nov-07	2.34	0.12	2.31	0.06 ND	0.18	-0.009 ND	0.07 ND	-0.06 ND	--
		Sep-09	5.88	0.149 ND	5.04	-0.0102 ND	0.0775 ND	0.00413 ND	0.56	0.637 ND	11.9
	MW-19-F	Aug-07	2.45	0.061 ND	1.9	-0.001 ND	0.037 ND	-0.0038 ND	0.13 ND	0.22 ND	--
		Nov-07	2.19	0.09 ND	2.27	0.021 ND	0.16	0.02 ND	0.17 ND	0.17 ND	--
		Sep-09	5.09	0.266 ND	43.7	0.0192 ND	0.736	0.0193 ND	0.439 ND	0.8 ND	12.3
	MW-25	Sep-09	65.7	5.18	69.7	0.0168 ND	0.0613 ND	0.0221 ND	0.653	0.843 ND	151
	MW-25-F	Sep-09	64.5	3.65	62.2	-0.0281 ND	0.477	0.155 ND	0.421 ND	0.69 ND	170
A04D	MW-26	Aug-07	65.8	2.65	65.6	0.15 ND	0.086	-0.02 ND	0.2 ND	0.51	--
		Nov-07	80	5.3	77.9	-0.022 ND	0.64	0.016 ND	0.14 ND	0.16 ND	--
		Sep-09	61.9	4.04	62	0.0397 ND	0.141 ND	-0.005 ND	0.655	0.798 ND	149
	MW-26-F	Aug-07	60	2.79	58.7	0.1 ND	0.029 ND	0.037 ND	0.37	0.41 ND	--
		Nov-07	82	4.17	78	0.028 ND	0.98	0.002 ND	0.12 ND	0.41 ND	--
		Sep-09	66.4	2.94	65.3	0.0331 ND	0.32	0.084 ND	0.102 ND	0.441 ND	144
	MW-605D	Aug-07	67	4.9	63	0.17	0.25	-0.004 ND	0.34	0.4 ND	--
		Nov-07	66.9	3.23	68.2	0.008 ND	0.26	0.011 ND	0.21	0.4 ND	--
		Sep-09	101	5.45	101	0.0052 ND	0.096 ND	-0.0288 ND	0.263 ND	1.17	274
A05B	MW-604D	Aug-07	68	3.6	64	0.1 ND	0.064	0.022 ND	0.36	0.36 ND	--
		Nov-07	70	3.4	64.2	0.07 ND	0.28	0.018 ND	0.21	0.13 ND	--
		Sep-09	97.3	12.1	88.8	-0.00709 ND	0.0649 ND	-0.00557 ND	0.722	0.886 ND	238
	MW-24	Aug-07	0.28	0.025 ND	0.26	0.08 ND	0.042 ND	-0.009 ND	0.07 ND	0.47	--
		Nov-07	2.18	0.13	1.83	0.027 ND	0.2	0.03 ND	0.09 ND	0.3 ND	--
		Sep-09	9.53	6	4.28	-0.0505 ND	0.287	0 ND	0.984	0.805 ND	4.22
	MW-24-F	Aug-07	0.37	0 ND	0.26	0.09 ND	0.27	-0.009 ND	0.04 ND	0.35 ND	--
		Nov-07	3.45	0.16	3.37	0.024 ND	0.056 ND	-0.02 ND	0.19 ND	0.37 ND	--
		Sep-09	3.76	0.182 ND	3.73	0.00902 ND	0.181 ND	0.0854 ND	1.56	0.953	6.92
	MW-604D-F	Aug-07	23.5	0.96	23.7	0.07 ND	0.15	0.013 ND	0.28	0.41 ND	--
		Nov-07	39	1.92	38.2	0.1 ND	0.14	0.045 ND	0.13 ND	0.32 ND	--
		Sep-09	39.3	3.1	39.3	-0.00185 ND	0.141 ND	0.035 ND	0.404	1.09	117
	MW-604D-F	Aug-07	22.8	1.55	24.7	0.15	0.31	0 ND	0.13 ND	0.44	--
		Nov-07	43.2	1.81	42.3	-0.041 ND	0.14	0.058 ND	0.17 ND	0.21 ND	--
		Sep-09	43.5	3.06	43.4	0.0012 ND	0.0736 ND	0.0226 ND	0.481	0.772 ND	104
	MW-600D	Aug-07	1.17	0.08 ND	0.69	0.2	0.15	0.017 ND	1.35	2.22	--
		Nov-07	0.66	0	0.66	0.06	0.13	-0.026	1.18	1.74	--
		Sep-09	0.908	0.171 ND	0.711	0.00925 ND	0.227	0	0.225 ND	1.06	2.4
	MW-600D-F	Aug-07	3.78	0.17 ND	3.3	0.062 ND	0.64	0.017	1.26	2.6	--
		Nov-07	0.86	0.043 ND	0.86	0.006 ND	0.14	-0.012 ND	1.49	2.17	--
		Sep-09	1.28	0.0349 ND	0.543	0.0602 ND	0.144 ND	0.0788 ND	0.441 ND	0.508 ND	1.92
	MW-600S	Sep-09	1.37	0 ND	1.4	0.0334 ND	0.171	0.0139 ND	0.129 ND	0.878	2.61
	MW-600S-F	Sep-09	0.913	0.0751 ND	0.727	-0.0179 ND	0.0514 ND	0.094 ND	0.227 ND	0.427 ND	1.49

**Notes:**

- (a) Analysis for Isotopic Uranium, Method EML U-02 Modified
- (b) Analysis for Isotopic Thorium, Method EML Th-01 Modified
- (c) Analysis for Radium-226, EPA Method 901.1 Modified
- (d) Analysis for Radium-228, EPA Method 901.0 Modified
- (e) Analysis for Uranium, Method ASTM D5174 Modified
- F Filtered sample
- pCi/L Picocuries per liter
- $\mu$ g/L Micrograms per liter
- Sample not analyzed for this parameter
- ND Non-Detect (reported result is below the Minimum Detectable Activity/Minimum Detectable Concentration)