

APPENDIX C

RAMSDELL QUARRY RAIN GAUGE DATA

**FINAL REPORT
GROUNDWATER INVESTIGATION
RAMSDELL QUARRY LANDFILL
RAVENNA ARMY AMMUNITION PLANT**

C. Precipitation Data for the Ramsdell Quarry Vicinity, September 1998 through July 1999

Day	Sep-98 ^(a)	Oct-98	Nov-99	Dec-99	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99
1	0.00	0.00	0.00	0.10	0.05	TR ^(b)	0.09	0.17	0.00	0.25	0.00
2	0.00	0.00	0.00	0.01	TR ^(b)	0.02	0.00	0.00	0.00	0.30	0.85
3	0.03	1.57	0.00	TR ^(b)	0.02	0.04	0.66	0.00	0.00	0.11	0.00
4	0.00	0.22	0.00	0.02	0.25	0.01	3.00	0.26	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00
6	0.00	TR ^(b)	0.05	0.00	0.4 ^(c)	0.00	3.00	0.00	0.03	0.00	0.00
7	0.02	TR ^(b)	0.04	0.14	0.3 ^(c)	0.10	3.00	0.00	0.00	0.00	0.00
8	0.65	1.80	0.00	0.01	0.3 ^(c)	0.31	0.60 ^(c)	0.00	0.00	0.00	0.27
9	0.12	0.01	0.40	0.00	0.275 ^(c)	0.01	0.10	1.18	0.20	0.00	0.00
10	0.12	0.00	0.38	0.01	0.08	0.01	0.30	0.15	0.24	0.00	0.00
11	0.00	0.00	0.10	0.01	0.10	TR ^(b)	0.00	0.47	0.00	0.00	0.00
12	0.00	TR ^(b)	0.02	TR ^(b)	0.20	TR ^(b)	0.00	0.80	0.00	0.00	0.00
13	0.00	0.01	0.00	TR ^(b)	0.8 ^(c)	0.00	0.00	TR ^(b)	0.00	0.00	0.00
14	0.00	0.00	0.00	TR ^(b)	0.01	0.10	0.00	0.00	0.90	0.37	0.00
15	0.00	TR ^(b)	0.00	TR ^(b)	TR ^(b)	0.21	0.00	0.01	0.00	0.00	0.00
16	0.00	0.00	TR	0.00	0.15	0.00	TR ^(b)	0.26	0.00	0.00	0.00
17	0.05	0.60	0.01	0.00	0.08	TR ^(b)	TR ^(b)	0.43	0.00	0.00	0.00
18	0.00	0.02	0.05	0.33	0.21	0.01	0.00	0.10	0.00	0.00	0.00
19	0.00	0.00	0.01	TR ^(b)	TR ^(b)	TR ^(b)	0.00	0.17	0.99	0.00	0.00
20	0.04	0.04	0.21	TR ^(b)	0.00	0.00	0.00	0.11	0.00	0.00	0.00
21	0.33	0.40	0.00	0.50	0.08	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.70	0.03	0.02	0.00	0.21	0.08	0.00	0.05
23	0.00	0.00	0.00	TR ^(b)	0.04	0.00	0.00	0.56	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.83	0.00	0.00
25	0.05	TR ^(b)	0.00	0.00	0.22	0.10	0.00	0.00	0.14	0.15	0.00
26	0.00	0.00	0.60	0.00	0.00	0.00	TR ^(b)	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	TR ^(b)	0.00	0.00	0.00	0.00
28	0.00	0.01	0.00	TR ^(b)	0.00	0.03	0.00	0.00	0.00	0.30	0.15
29	0.00	0.00	0.00	0.00	0.00		TR ^(b)	0.00	0.00	0.17	1.05
30	0.00	0.04	0.01	0.09	0.01		0.00	0.00	0.00	0.00	0.00
31		0.00		0.00	0.01		0.00		0.00		0.00
Total	1.42	4.37	1.88	1.92	1.55	0.99	10.75	4.90	3.41	1.48	1.32

All values are in inches.

(a) September 1998 data obtained from USACE Micheal Kirwan Reservoir Gauge.

(b) TR = trace

(c) Equivalent value calculated from snowfall measurement (0.1 inch liquid precipitation = 1 inch snowfall).