

AMBIENT AND PUMPING GROUNDWATER CONTOURS WITH TIDAL RESPONSE AND TEMPERATURE

Well ID	Tidal Response, ft	Temperature, F	Well ID	Tidal Response, ft	Temperature, F
MW-30-74	0	68	MW-52-12	0.2395	72
MW-30-75	0	68	MW-53-82	0.144	69
MW-30-87	0	68	MW-53-120	0.1895	63
MW-30-88	0	68	MW-54	0.7	70
MW-31-53	0	64	MW-55-24	0.234	67
MW-31-60	0	64	MW-55-35	0.1625	67
MW-31-69	0	64	MW-55-39	0.3405	67
MW-32-62	0	68	MW-56	0	63
MW-32-93	0	65	MW-57-11	0.2115	69
MW-32-120	0	65	MW-57-23	0.214	69
MW-32-141	0	65	MW-57-45	0.288	69
MW-32-162	0	65	MW-58-28	0.269	64
MW-32-169	0	65	MW-58-65	0.734	64
MW-33	0.027	63	MW-59-31	2.8755	75
MW-34	0.08	63	MW59-45	3.21	75
MW-35	0.05	62	MW59-88	3.1095	76
MW-36-28	0.4515	67	MW-60	1.9545	58
MW-36-41	0.3785	67	MW-61		
MW-36-53	0.3485	67	MW-62-38	1.335	66
MW-37-22	0.144	66	MW-63-19	2.228	69
MW-37-32	0.188	65	MW-63-35		60
MW-37-40	0.115	65	MW-65	0	60
MW-37-57	0.42	77	U1-1		
MW-39	2.8515	58	U1-2		
MW-40	0	58	MW-101		
MW-41-15	0	62	MW-103		
MW-41-42	0	62	MW-104		
MW-41-54	0	64	MW-105		
MW-42-51	0	60	MW-107		
MW-42-79	0	60	MW-108		69
MW-43-28	0	58	MW-109		69
MW-43-62	0	59	MW-110		66
MW-44-57	0	60	MW-111	0.027	66
MW-44-104	0	61	MW-112		
MW-45-43	0	64	U3-1	0.728	85
MW-45-62	0	64	U3-2	0.388	78
MW-45	0	68	U3-3	0.063	76
MW-47-56	0	61	U3-4D	0.173	62
MW-47-80	0	60	U3-4S	0.5913	104.9
MW-48-23	3.838	74	U3-11	0.3045	81
MW-48-38	3.483	68	U3-12	0.527	91
MW-48-25	2.8815	68	-2	0	55
MW-49-42	2.8045	68	U1-1	3.835	104
MW-49-65	2.657	67	U2-C1	3.835	101
MW-50-42	0.572	75	U3-C1	3.835	102
MW-50-67	1.8235	81	HR-1	3.835	84
MW-61	0	64			

*During 10/7/06 full moon, with tide of 3.84 ft

LEGEND

Probable Legacy Release Locations

- Terminated Connection To Storm Drain
- Footing / Storm Drain Exfiltration
- Inter-Structure Joint / Mud Mat
- Containment Spray Sump Trench
- Unit 1 West Fuel Pool
- Unit 2 Fuel Pool

Water Level Data

MW-50 Boring / Monitoring Installation Designation

Response To River Tide: 0% to 100%

Tidal Response As % of River Tide

Ambient G.W. Piezometric Elevation (ft), 10/31/06

Temperature °F

- No Temperature Data
- < 60.00
- 60.01 - 65.00
- 65.01 - 70.00
- 70.01 - 75.00
- 75.01 - 80.00
- 80.01 - 85.00
- 85.01 - 90.00
- 90.01 - 95.00
- 95.01 - 100.0
- 100.1 - 105.0

Groundwater Elevation Contours

- Ambient "Waterable" Contours (10' Interval) - 10/31/06
- Ambient "Waterable" Contours (Contours other than 10' Interval) - 10/31/06
- Predicted Steady State Capture Zone @ 4 GPM
- GW Drawdown Contours

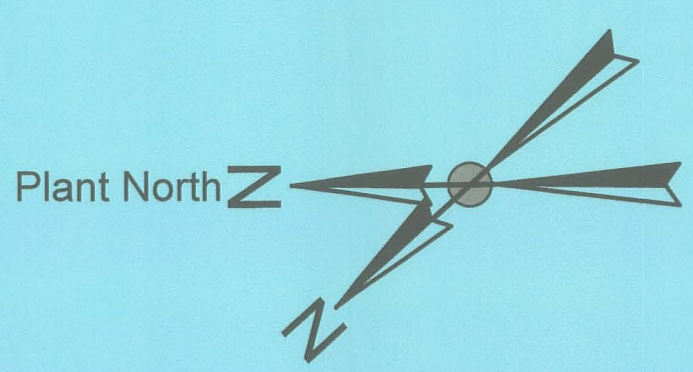
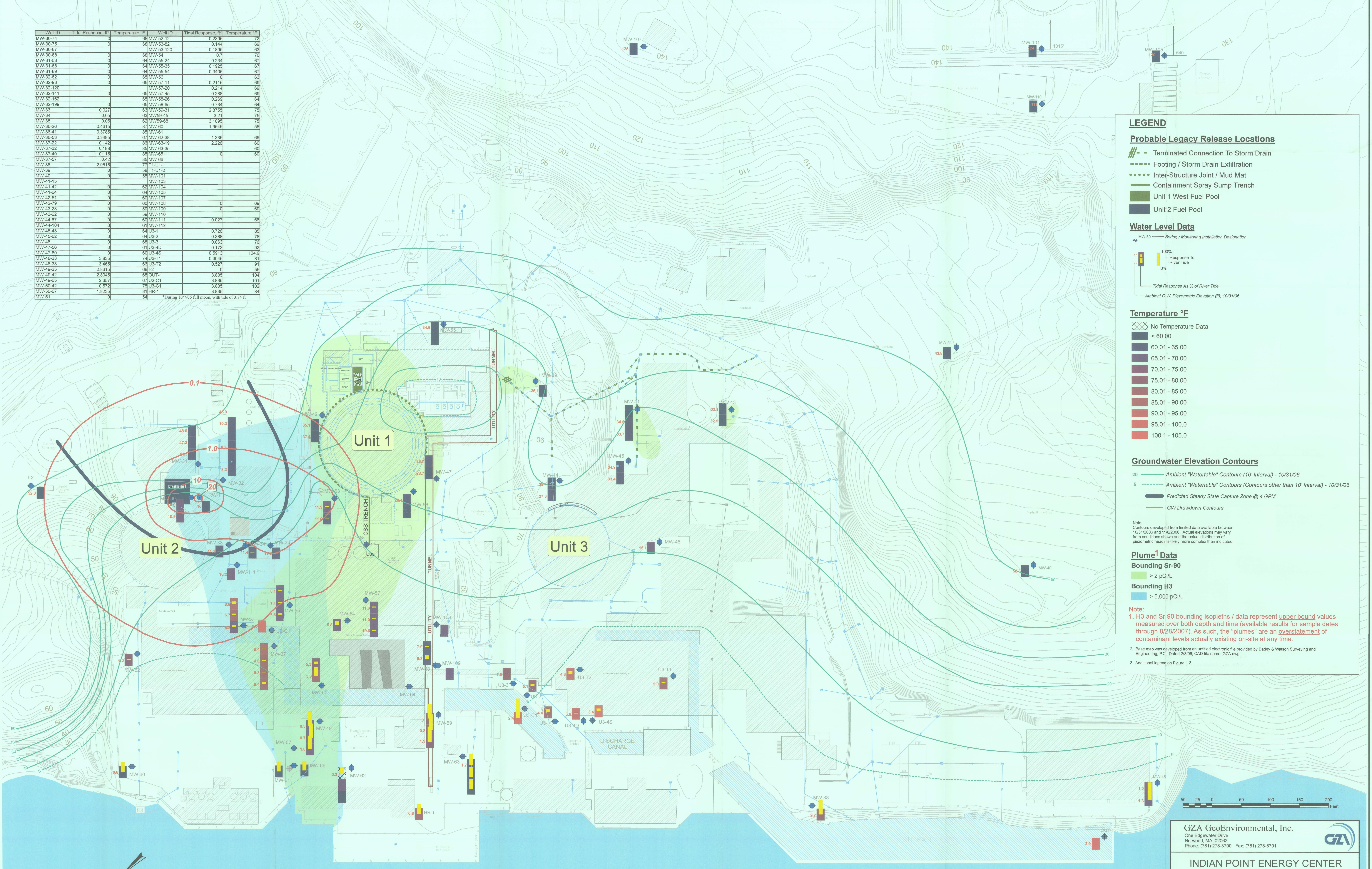
Note: Contours developed from limited data available between 10/31/2006 and 11/8/2006. Actual elevations may vary from conditions shown and the actual distribution of piezometric heads is likely more complex than indicated.

Plume Data

Bounding Sr-90: > 2 pCi/L

Bounding H3: > 5,000 pCi/L

Note: 1. H3 and Sr-90 bounding isopleths / data represent upper bound values measured over both depth and time (available results for sample dates through 8/28/2007). As such, the "plumes" are an overstatement of contaminant levels actually existing on-site at any time.
2. Base map was developed from an unfiled electronic file provided by Bady & Watson Surveying and Engineering, P.C., Dated 2/3/00; CAD file name: GZA.dwg.
3. Additional legend on Figure 1.3.



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CONTOURS WITH TIDAL RESPONSE
AND TEMPERATURE**

Proj. Mgr.: MJB	Desg. Date: 1-04-2008	Figure No.: 6.15
Designed By: MJB	Reviewed By: MJB	
Operator: GAS/EMD	Job No: 41.0017869.10	

D-07