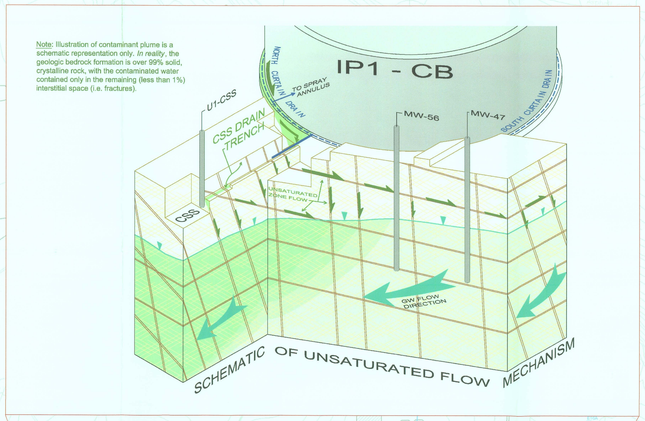
CURRENT UNIT 1 ACTIVITY ISOPLETHS[1]

Well ID	Date Sample Collected	Current Strontium 90 Concentration pCi/L	Well ID	Date Sample Collected	Current Strontium 90 Concentration pCi/L
I-2	5/13/06	ND	MW-54-37	7/31/07	5.3
MW-30-69	7/25/07	ND	MW-54-58	7/31/07	1.8
MW-30-84	7/25/07	ND	MW-54-123	7/31/07	13.5
MW-31-49	8/2/07	ND	MW-54-144	7/31/07	19.2
MW-31-83	8/2/07	ND	MW-54-173	7/31/07	14.5
MW-31-85	8/2/07	ND	MW-54-190	7/31/07	17.9
MW-32-62	8/13/07	ND	MW-55-24	8/2/07	23.1
MW-32-92	8/13/07	ND	MW-55-35	8/2/07	34.9
MW-32-140	8/13/07	ND	MW-55-54	8/2/07	22.2
MW-32-160	8/13/07	ND	MW-56-53	8/10/07	ND
MW-32-197	8/13/07	ND	MW-56-83	8/10/07	2.4
MW-33	8/3/07	ND	MW-57-11	8/6/07	37.9
MW-34	8/3/07	ND	MW-57-20	8/6/07	1.2
MW-35	8/3/07	ND	MW-57-45	8/6/07	2.6
MW-36-24	8/8/07	ND	MW-58-26	7/31/07	1.0
MW-36-41	6/27/07	2.2	MW-58-65	7/31/07	ND
MW-36-52	8/8/07	2.3	MW-59-32	7/31/07	ND
MW-37-22	8/7/07	18.3	MW-59-45	7/31/07	ND
MW-37-32	8/7/07	18.9	MW-59-68	7/31/07	ND
MW-37-40	8/7/07	9.8	MW-60-35	7/27/07	ND
MW-37-57	8/7/07	23.3	MW-60-53	7/27/07	ND
MW-38	8/16/07	ND	MW-60-72	7/27/07	ND
MW-39-87	8/7/07	4.8	MW-60-135	7/27/07	ND
MW-39-84	8/7/07	0.8	MW-60-154	7/27/07	ND
MW-39-102	8/7/07	ND	MW-60-176	7/27/07	ND
MW-39-124	8/7/07	ND	MW-61	No Sample	
MW-39-183	8/7/07	ND	MW-62-18	7/26/07	ND
MW-39-195	8/7/07	ND	MW-62-37	7/26/07	ND
MW-40-27	7/23/07	ND	MW-62-53	7/26/07	ND
MW-40-46	7/23/07	ND	MW-62-71	7/26/07	ND
MW-40-81	7/23/07	ND	MW-62-92	7/26/07	ND
MW-40-100	7/23/07	ND	MW-62-138	7/26/07	ND
MW-40-127	7/23/07	ND	MW-62-182	7/26/07	ND
MW-40-162	7/23/07	ND	MW-63-18	7/30/07	ND
MW-41-13	No Sample		MW-63-29	7/30/07	ND
MW-41-40	8/14/07	6.0	MW-63-50	7/25/07	ND
MW-41-83	8/14/07	3.6	MW-63-93	7/25/07	ND
MW-42-49	8/17/07	20.1	MW-63-112	7/25/07	ND
MW-42-78	8/17/07	ND	MW-63-121	7/25/07	ND
MW-43-28	8/13/07	ND	MW-63-163	7/25/07	ND
MW-43-62	8/13/07	ND	MW-63-174	7/25/07	ND
MW-44-67	8/14/07	ND	MW-65-48	1/4/07	ND
MW-44-102	8/14/07	ND	MW-65-80	1/4/07	ND
MW-45-42	8/15/07	ND	MW-66-21	7/30/07	1.8
MW-45-61	8/15/07	ND	MW-66-36	7/30/07	6.2
MW-46	8/1/07	ND	MW-66	No Sample	
MW-47-56	8/10/07	ND	MW-67-39	8/31/2007	18.6
MW-47-80	8/10/07	3.6	MW-67-105	8/31/2007	1.1
MW-48-23	8/16/07	ND	MW-67-173	8/31/2007	ND
MW-48-37	8/16/07	ND	MW-67-219	8/31/2007	ND
MW-49-26	8/9/07	14.3	MW-67-276	8/31/2007	ND
MW-49-42	8/9/07	25.6	MW-67-323	8/31/2007	ND
MW-49-65	8/9/07	20.8	MW-67-340	8/31/2007	ND
MW-50-42	7/26/07	19.4	MW-101	6/8/06	ND
MW-50-66	7/26/07	31.0	MW-105	6/8/06	ND
MW-51-40	7/24/07	ND	MW-107	7/23/07	ND
MW-51-79	7/24/07	ND	MW-108	5/13/06	ND
MW-51-102	7/24/07	ND	MW-109	5/13/06	ND
MW-51-135	7/24/07	ND	MW-110	6/8/06	ND
MW-51-163	7/24/07	ND	MW-111	8/3/07	1.0
MW-51-189	7/24/07	ND	RW-1	11/3/06	ND
MW-52-11	8/6/07	ND	U1-CSS	8/6/07	26.8
MW-52-18	8/6/07	ND	U3-1	6/22/06	ND
MW-52-48	8/6/07	ND	U3-2	6/22/06	1.4
MW-52-64	8/6/07	ND	U3-3	6/22/06	ND
MW-52-118	8/6/07	ND	U3-4D	6/22/06	ND
MW-52-162	8/6/07	ND	U3-4S	No Sample	
MW-52-181	8/6/07	ND	U3-T1	8/1/07	ND
MW-53-82	8/9/07	ND	U3-T2	8/1/07	ND
MW-53-120	8/9/07	37.0			



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

MW-30 — Boring / Monitoring Installation Designation
Boring / Monitoring Installation

Depth-Specific Data

Activity Data[1]

Bar Graphs; Current Sr-90, pCi/L

- No Sample
- ND — Not Detected (ND)
- 0.74 — ND - 1
- 1.7 — 1.0 - 2.0
- 2.86 — 2.0 - 4.0
- 5.8 — 4.0 - 8.0
- 18.1 — 8.0 - 25
- 49.4 — > 25

Isopleths; Current Sr-90, pCi/L

- 2 - 4
- 4 - 8
- 8 - 25
- > 25

Note: Illustration of contaminant plume is a schematic representation only. *In reality*, the geologic bedrock formation is over 99% solid, crystalline rock, with the contaminated water contained only in the remaining (less than 1%) interstitial space (i.e. fractures).

Groundwater Elevation Contours

- 20 — Ambient "Watertable" Contours 6/1/2007 (10' Interval)
- 5 — Contours Other Than 10' Interval
- Vadose Zone Contaminant Transport

Note:
Contours developed from limited data available on 6/1/2007. Actual elevations may vary from conditions shown and the actual distribution of piezometric heads is likely more complex than indicated.

Data Notes:
1. Current Sr-90 isopleths represent the most recent activity measured over depth through 8/28/2007.
2. Sr-90 activity at MW-111 may be due to desorption of residual Sr-90 from backfill used in the Transformer Yard.
3. Two discrete isopleths have been drawn around MW-39 and MW-41 given measured concentrations greater than 2 pCi/L. It is expected that similar concentrations exist at other locations along the legacy piping alignment in addition to the locations shown.
4. The low Sr-90 concentrations measured in these wells are consistent with that expected due to residual levels remaining as the legacy plume has attenuated over time.

General Notes:
1. Base map was developed from an untitled electronic file provided by Badey & Watson Surveying and Engineering, P.C., Dated 2/3/06; CAD file name : "GZA.dwg".
2. Additional legend on Figure 1.3.

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CURRENT UNIT 1
ACTIVITY ISOPLETHS[1]

Proj. Mgr.: MJB	Dwg. Date: 01-04-2008	Figure No.: 9.4
Designed By: MJB		
Reviewed By: MJB	Job No.: 41.0017869.10	
Operator: GAS		

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