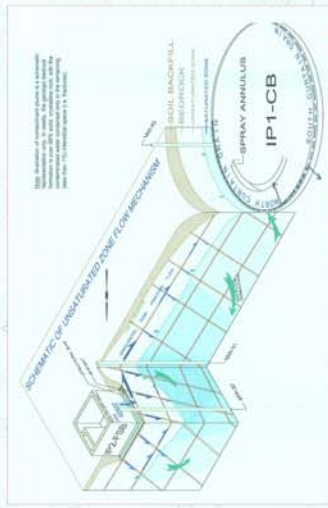


CURRENT UNIT 2 ACTIVITY ISOPLETHS¹

Well ID	Well Depth	Current H3, pCi/L	Current H3, pCi/L	Current H3, pCi/L
WVA-107	100.0	5.0	5.0	5.0
WVA-108	100.0	5.0	5.0	5.0
WVA-109	100.0	5.0	5.0	5.0
WVA-110	100.0	5.0	5.0	5.0
WVA-111	100.0	5.0	5.0	5.0
WVA-112	100.0	5.0	5.0	5.0
WVA-113	100.0	5.0	5.0	5.0
WVA-114	100.0	5.0	5.0	5.0
WVA-115	100.0	5.0	5.0	5.0
WVA-116	100.0	5.0	5.0	5.0
WVA-117	100.0	5.0	5.0	5.0
WVA-118	100.0	5.0	5.0	5.0
WVA-119	100.0	5.0	5.0	5.0
WVA-120	100.0	5.0	5.0	5.0
WVA-121	100.0	5.0	5.0	5.0
WVA-122	100.0	5.0	5.0	5.0
WVA-123	100.0	5.0	5.0	5.0
WVA-124	100.0	5.0	5.0	5.0
WVA-125	100.0	5.0	5.0	5.0
WVA-126	100.0	5.0	5.0	5.0
WVA-127	100.0	5.0	5.0	5.0
WVA-128	100.0	5.0	5.0	5.0
WVA-129	100.0	5.0	5.0	5.0
WVA-130	100.0	5.0	5.0	5.0
WVA-131	100.0	5.0	5.0	5.0
WVA-132	100.0	5.0	5.0	5.0
WVA-133	100.0	5.0	5.0	5.0
WVA-134	100.0	5.0	5.0	5.0
WVA-135	100.0	5.0	5.0	5.0
WVA-136	100.0	5.0	5.0	5.0
WVA-137	100.0	5.0	5.0	5.0
WVA-138	100.0	5.0	5.0	5.0
WVA-139	100.0	5.0	5.0	5.0
WVA-140	100.0	5.0	5.0	5.0
WVA-141	100.0	5.0	5.0	5.0
WVA-142	100.0	5.0	5.0	5.0
WVA-143	100.0	5.0	5.0	5.0
WVA-144	100.0	5.0	5.0	5.0
WVA-145	100.0	5.0	5.0	5.0
WVA-146	100.0	5.0	5.0	5.0
WVA-147	100.0	5.0	5.0	5.0
WVA-148	100.0	5.0	5.0	5.0
WVA-149	100.0	5.0	5.0	5.0
WVA-150	100.0	5.0	5.0	5.0
WVA-151	100.0	5.0	5.0	5.0
WVA-152	100.0	5.0	5.0	5.0
WVA-153	100.0	5.0	5.0	5.0
WVA-154	100.0	5.0	5.0	5.0
WVA-155	100.0	5.0	5.0	5.0
WVA-156	100.0	5.0	5.0	5.0
WVA-157	100.0	5.0	5.0	5.0
WVA-158	100.0	5.0	5.0	5.0
WVA-159	100.0	5.0	5.0	5.0
WVA-160	100.0	5.0	5.0	5.0
WVA-161	100.0	5.0	5.0	5.0
WVA-162	100.0	5.0	5.0	5.0
WVA-163	100.0	5.0	5.0	5.0
WVA-164	100.0	5.0	5.0	5.0
WVA-165	100.0	5.0	5.0	5.0
WVA-166	100.0	5.0	5.0	5.0
WVA-167	100.0	5.0	5.0	5.0
WVA-168	100.0	5.0	5.0	5.0
WVA-169	100.0	5.0	5.0	5.0
WVA-170	100.0	5.0	5.0	5.0
WVA-171	100.0	5.0	5.0	5.0
WVA-172	100.0	5.0	5.0	5.0
WVA-173	100.0	5.0	5.0	5.0
WVA-174	100.0	5.0	5.0	5.0
WVA-175	100.0	5.0	5.0	5.0
WVA-176	100.0	5.0	5.0	5.0
WVA-177	100.0	5.0	5.0	5.0
WVA-178	100.0	5.0	5.0	5.0
WVA-179	100.0	5.0	5.0	5.0
WVA-180	100.0	5.0	5.0	5.0
WVA-181	100.0	5.0	5.0	5.0
WVA-182	100.0	5.0	5.0	5.0
WVA-183	100.0	5.0	5.0	5.0
WVA-184	100.0	5.0	5.0	5.0
WVA-185	100.0	5.0	5.0	5.0
WVA-186	100.0	5.0	5.0	5.0
WVA-187	100.0	5.0	5.0	5.0
WVA-188	100.0	5.0	5.0	5.0
WVA-189	100.0	5.0	5.0	5.0
WVA-190	100.0	5.0	5.0	5.0
WVA-191	100.0	5.0	5.0	5.0
WVA-192	100.0	5.0	5.0	5.0
WVA-193	100.0	5.0	5.0	5.0
WVA-194	100.0	5.0	5.0	5.0
WVA-195	100.0	5.0	5.0	5.0
WVA-196	100.0	5.0	5.0	5.0
WVA-197	100.0	5.0	5.0	5.0
WVA-198	100.0	5.0	5.0	5.0
WVA-199	100.0	5.0	5.0	5.0
WVA-200	100.0	5.0	5.0	5.0



LEGEND

Probable Legacy Release Locations

- Terminated Connection To Storm Drain
- Footing / Storm Drain Extrusion
- Inter-Structure Joint / Mud Mat
- Containment Sump / Sump Pipe Trench
- Unit 1 Weld Fuel Pool
- Unit 2 Fuel Pool

Depth-Specific Data

Multiple Intervals

Screened to Bottom

Screened to Backstop

Activity Data

Bar Graphs; Current H3, pCi/L

- No Depth-Specific Samples
- Not Detected (ND)
- 1,000 - 5,000
- 5,000 - 10,000
- 10,000 - 50,000
- 50,000 - 100,000
- 100,000 - 200,000
- > 200,000

Groundwater Elevation Contours

Ambient "Waterable" Contours

6/1/2007 (10' Interval)

Contours Other Than 10' Interval

Victore Zone Contaminant Transport

Notes:

1. Base map was developed from limited data available on the ground surface and is not intended to be used for regulatory purposes. It is intended to provide a general overview of the site and is not intended to be used for regulatory purposes.

2. Current activity reflects the most recently reported activity. Generally, these results are from the most recent monitoring event.

3. Ambience legend is shown in Figure 1.3.

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INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

CURRENT UNIT 2
ACTIVITY ISOPLETHS¹

Plot No. 14-2008
Revision No. 01
Date: 4/1/2008
Scale: 41,001/895/10

9.3

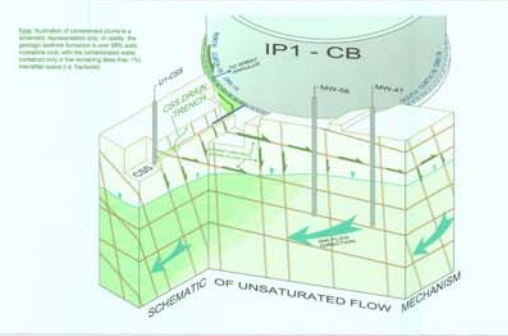


HUDSON RIVER

D-20

CURRENT UNIT 1 ACTIVITY ISOPLETHS¹

Well ID	Date Sample Collected	Current Sr-90 Concentration (pCi/L)	Well ID	Date Sample Collected	Current Sr-90 Concentration (pCi/L)
MW-01	6/1/2007	ND	MW-01	6/1/2007	ND
MW-02	6/1/2007	ND	MW-02	6/1/2007	ND
MW-03	6/1/2007	ND	MW-03	6/1/2007	ND
MW-04	6/1/2007	ND	MW-04	6/1/2007	ND
MW-05	6/1/2007	ND	MW-05	6/1/2007	ND
MW-06	6/1/2007	ND	MW-06	6/1/2007	ND
MW-07	6/1/2007	ND	MW-07	6/1/2007	ND
MW-08	6/1/2007	ND	MW-08	6/1/2007	ND
MW-09	6/1/2007	ND	MW-09	6/1/2007	ND
MW-10	6/1/2007	ND	MW-10	6/1/2007	ND
MW-11	6/1/2007	ND	MW-11	6/1/2007	ND
MW-12	6/1/2007	ND	MW-12	6/1/2007	ND
MW-13	6/1/2007	ND	MW-13	6/1/2007	ND
MW-14	6/1/2007	ND	MW-14	6/1/2007	ND
MW-15	6/1/2007	ND	MW-15	6/1/2007	ND
MW-16	6/1/2007	ND	MW-16	6/1/2007	ND
MW-17	6/1/2007	ND	MW-17	6/1/2007	ND
MW-18	6/1/2007	ND	MW-18	6/1/2007	ND
MW-19	6/1/2007	ND	MW-19	6/1/2007	ND
MW-20	6/1/2007	ND	MW-20	6/1/2007	ND
MW-21	6/1/2007	ND	MW-21	6/1/2007	ND
MW-22	6/1/2007	ND	MW-22	6/1/2007	ND
MW-23	6/1/2007	ND	MW-23	6/1/2007	ND
MW-24	6/1/2007	ND	MW-24	6/1/2007	ND
MW-25	6/1/2007	ND	MW-25	6/1/2007	ND
MW-26	6/1/2007	ND	MW-26	6/1/2007	ND
MW-27	6/1/2007	ND	MW-27	6/1/2007	ND
MW-28	6/1/2007	ND	MW-28	6/1/2007	ND
MW-29	6/1/2007	ND	MW-29	6/1/2007	ND
MW-30	6/1/2007	ND	MW-30	6/1/2007	ND
MW-31	6/1/2007	ND	MW-31	6/1/2007	ND
MW-32	6/1/2007	ND	MW-32	6/1/2007	ND
MW-33	6/1/2007	ND	MW-33	6/1/2007	ND
MW-34	6/1/2007	ND	MW-34	6/1/2007	ND
MW-35	6/1/2007	ND	MW-35	6/1/2007	ND
MW-36	6/1/2007	ND	MW-36	6/1/2007	ND
MW-37	6/1/2007	ND	MW-37	6/1/2007	ND
MW-38	6/1/2007	ND	MW-38	6/1/2007	ND
MW-39	6/1/2007	ND	MW-39	6/1/2007	ND
MW-40	6/1/2007	ND	MW-40	6/1/2007	ND
MW-41	6/1/2007	ND	MW-41	6/1/2007	ND
MW-42	6/1/2007	ND	MW-42	6/1/2007	ND
MW-43	6/1/2007	ND	MW-43	6/1/2007	ND
MW-44	6/1/2007	ND	MW-44	6/1/2007	ND
MW-45	6/1/2007	ND	MW-45	6/1/2007	ND
MW-46	6/1/2007	ND	MW-46	6/1/2007	ND
MW-47	6/1/2007	ND	MW-47	6/1/2007	ND
MW-48	6/1/2007	ND	MW-48	6/1/2007	ND
MW-49	6/1/2007	ND	MW-49	6/1/2007	ND
MW-50	6/1/2007	ND	MW-50	6/1/2007	ND
MW-51	6/1/2007	ND	MW-51	6/1/2007	ND
MW-52	6/1/2007	ND	MW-52	6/1/2007	ND
MW-53	6/1/2007	ND	MW-53	6/1/2007	ND
MW-54	6/1/2007	ND	MW-54	6/1/2007	ND
MW-55	6/1/2007	ND	MW-55	6/1/2007	ND
MW-56	6/1/2007	ND	MW-56	6/1/2007	ND
MW-57	6/1/2007	ND	MW-57	6/1/2007	ND
MW-58	6/1/2007	ND	MW-58	6/1/2007	ND
MW-59	6/1/2007	ND	MW-59	6/1/2007	ND
MW-60	6/1/2007	ND	MW-60	6/1/2007	ND
MW-61	6/1/2007	ND	MW-61	6/1/2007	ND
MW-62	6/1/2007	ND	MW-62	6/1/2007	ND
MW-63	6/1/2007	ND	MW-63	6/1/2007	ND
MW-64	6/1/2007	ND	MW-64	6/1/2007	ND
MW-65	6/1/2007	ND	MW-65	6/1/2007	ND
MW-66	6/1/2007	ND	MW-66	6/1/2007	ND
MW-67	6/1/2007	ND	MW-67	6/1/2007	ND
MW-68	6/1/2007	ND	MW-68	6/1/2007	ND
MW-69	6/1/2007	ND	MW-69	6/1/2007	ND
MW-70	6/1/2007	ND	MW-70	6/1/2007	ND
MW-71	6/1/2007	ND	MW-71	6/1/2007	ND
MW-72	6/1/2007	ND	MW-72	6/1/2007	ND
MW-73	6/1/2007	ND	MW-73	6/1/2007	ND
MW-74	6/1/2007	ND	MW-74	6/1/2007	ND
MW-75	6/1/2007	ND	MW-75	6/1/2007	ND
MW-76	6/1/2007	ND	MW-76	6/1/2007	ND
MW-77	6/1/2007	ND	MW-77	6/1/2007	ND
MW-78	6/1/2007	ND	MW-78	6/1/2007	ND
MW-79	6/1/2007	ND	MW-79	6/1/2007	ND
MW-80	6/1/2007	ND	MW-80	6/1/2007	ND
MW-81	6/1/2007	ND	MW-81	6/1/2007	ND
MW-82	6/1/2007	ND	MW-82	6/1/2007	ND
MW-83	6/1/2007	ND	MW-83	6/1/2007	ND
MW-84	6/1/2007	ND	MW-84	6/1/2007	ND
MW-85	6/1/2007	ND	MW-85	6/1/2007	ND
MW-86	6/1/2007	ND	MW-86	6/1/2007	ND
MW-87	6/1/2007	ND	MW-87	6/1/2007	ND
MW-88	6/1/2007	ND	MW-88	6/1/2007	ND
MW-89	6/1/2007	ND	MW-89	6/1/2007	ND
MW-90	6/1/2007	ND	MW-90	6/1/2007	ND



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

Depth-Specific Data

Activity of Sr-90 (pCi/L) for each screened interval

- Multiple Screened Intervals w/ Depth
- Screened in Soil
- Screened in Bedrock

Activity Data¹

Bar Graphs: Current Sr-90, pCi/L

- No Sample
- Not Detected (ND)
- ND - 1
- 1.0 - 2.0
- 2.0 - 4.0
- 4.0 - 8.0
- 8.0 - 25
- > 25

Isopleths: Current Sr-90, pCi/L

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

Groundwater Elevation Contours

- Ambient "Waterable" Contours 6/1/2007 (10' Interval)
- 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 potentiometric heads is likely more complex than indicated.

Data Notes:

- Current Sr-90 isopleths represent the most recent activity measured near depth through 8/2/2007.
- Sr-90 activity at MW-11 may be due to exfiltration of residual Sr-90 from backfill used in the Transformer Yard.
- Two discrete isopleths have been drawn around MW-33 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.
- The low Sr-90 concentrations measured in these wells are consistent with that expected due to residual activity remaining on the legacy plume as it attenuated over time.

General Notes:

- Base map was developed from an unclassified file provided by Bailey & Watson Surveying and Engineering, P.C. Dated 2/2006. CAD file name: "UGA.dwg"
- Additional legend on Figure 1.5



HUDSON RIVER

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**INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK**

**CURRENT UNIT 1
ACTIVITY ISOPLETHS¹**

Plot No: 001
Designed by: GAB
Reviewed by: RAB
Plotted: GAB

Plot Date: 01-04-2008
Plot No: 41.0017889 10

Scale: 9.4

D-21