Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
3.40E-03	1.40E-02	N													7.10E+04	9.80E+04	3.20E+05	N	VV
2.20E-03	9.50E-03	N													1.00E+04	1.00E+05	3.40E+05	N	VV
1.30E-03	4.70E-03	N													3.00E+04	1.10E+05	3.50E+05	N	VV
1.00E-03	4.30E-03	N													0.00E+00	1.00E+05	3.40E+05	N	VV
2.10E-03	7.10E-03	N					-4.00E+01	3.50E+02	1.20E+03	N	-4.80E+03	2.10E+03	7.60E+03	N	1.60E+05	1.00E+05	3.40E+05	N	VV
1.10E-03	3.30E-03	N					-5.60E+02	4.10E+02	1.40E+03	N					-1.20E+05	1.10E+05	3.80E+05	N	VV
1.20E-03	5.40E-03	N																	VV
7.80E-04	2.90E-03	N													-7.80E+04	9.80E+04	3.40E+05	N	VV
2.07E-03	8.60E-03	N																	V
															-5.10E+05	3.20E+05	1.20E+06	N	
															3.00E+04	2.10E+05	6.80E+05	N	VV
8.90E-03	3.60E-02	N																	VX
	1.11E-02	N																	VV
															-1.10E+05	1.80E+05	5.90E+05	N	VV
1.10E-03	3.50E-03	Y													1.10E+05	2.00E+05	6.60E+05	N	VV
2.20E-03	7.30E-03	N													1.23E+05	9.50E+04	3.00E+05	N	VV
2.10E-03	8.00E-03	N													-3.60E+04	9.40E+04	3.10E+05	N	VV
1.40E-03	5.50E-03	N													-4.80E+04	9.60E+04	3.20E+05	N	VV
1.40E-03	4.90E-03	N													-4.40E+04	9.00E+04	3.00E+05	N	VV
3.30E-03	1.30E-02	N													6.00E+04	1.00E+05	3.40E+05	N	VV
3.20E-03	1.30E-02	N													-3.00E+04	1.20E+05	3.90E+05	N	VV
1.90E-03	7.80E-03	N													-2.00E+04	1.00E+05	3.40E+05	N	VV
1.50E-03	5.70E-03	N													-5.00E+04	1.00E+05	3.40E+05	N	VV
9.20E-04	6.90E-03	N													1.40E+05	1.00E+05	3.30E+05	N	VV
2.00E-03	7.80E-03	N													-1.48E+05	9.90E+04	3.40E+05	N	VV
1.80E-03	6.60E-03	N													-7.00E+04	1.10E+05	3.60E+05	N	VV
1.30E-03	4.70E-03	N													2.00E+04	1.10E+05	3.60E+05	N	VV
3.20E-03	1.30E-02	N					2.80E+02	3.50E+02	1.20E+03	N	-1.80E+03	1.40E+03	5.20E+03	N	1.80E+05	1.10E+05	3.50E+05	N	VV
1.70E-03	6.30E-03	N					1.04E+03	3.70E+02	1.20E+03	N					1.20E+05	1.20E+05	3.80E+05	N	VV
1.40E-03	5.20E-03	N													8.00E+04	1.00E+05	3.40E+05	N	VV
2.83E-03	1.06E-02	N	-5.79E-03	1.99E-03	8.07E-03	N													VV
1.26E-03	4.21E-03	N													-2.66E+04	9.68E+04	3.31E+05	N	VV
2.53E-03	9.92E-03	N																	V
															-2.60E+05	3.30E+05	1.20E+06	N	
															5.30E+05	2.10E+05	6.70E+05	N	VV
3.90E-03	1.60E-02	N																	VX
	9.34E-03	N			6.24E-03	N													VV
															7.00E+04	1.90E+05	6.20E+05	N	VV
1.10E-03	3.90E-03	N													-1.20E+05	2.10E+05	7.00E+05	N	VV
1.60E-03	6.60E-03	N													6.00E+04	9.70E+04	3.20E+05	N	VV
2.10E-03	7.30E-03	N													1.05E+05	9.50E+04	3.10E+05	N	VV
1.20E-03	4.50E-03	N													2.43E+05	9.30E+04	2.90E+05	N	VV
1.00E-03	3.70E-03	N													-5.20E+04	8.90E+04	3.00E+05	N	VV
3.10E-03	1.00E-02	N													-1.00E+04	1.00E+05	3.40E+05	N	VV
2.00E-03	6.70E-03	N													8.00E+04	1.20E+05	4.00E+05	N	VV
2.70E-03	7.90E-03	N													2.00E+04	1.00E+05	3.40E+05	N	VV

Lab#	Field#	Date	Location	Lab Name	Sample Type	Comments	Site Coord (x - ft)	Site Coord (y - ft)	FSS Survey Area	Cs-134, pCi/ml Conc.	Error	MDC	detectable?	Cs-137, pCi/ml Conc.	Error	MDC	detectable?	Mn-54, pCi/ml Conc.	Error	MDC	detectable?	Conc.
30237	CW-6	7/2/96	IYA W. of TB	YAEL	C		-131.10	178.35	OG012	-1.20E-03	1.50E-03	6.10E-03	N	-6.00E-04	1.60E-03	6.20E-03	N	2.00E-04	1.40E-03	4.70E-03	N	1.90E-03
31292	CW-6	8/21/96	IYA W. of TB	YAEL	C		-131.10	178.35	OG012	2.70E-03	2.10E-03	6.80E-03	N	-5.90E-03	3.10E-03	1.40E-02	N	-2.00E-03	1.90E-03	9.00E-03	N	2.50E-03
31839	CW-6	10/1/96	IYA W. of TB	YAEL	C		-131.10	178.35	OG012	9.00E-04	1.80E-03	6.10E-03	N	2.80E-03	2.20E-03	7.50E-03	N	-0.00E-01	2.20E-03	8.50E-03	N	1.70E-03
34787	CW-6	3/19/97	IYA W. of TB	YAEL	C	Filtrate of CW-6	-131.10	178.35	OG012	1.00E-04	1.30E-03	5.20E-03	N	-1.00E-04	1.80E-03	7.90E-03	N	-6.00E-04	1.90E-03	8.00E-03	N	-1.10E-03
37367	CW-6	8/20/97	IYA W. of TB	YAEL	C		-131.10	178.35	OG012	-2.00E-04	2.00E-03	7.50E-03	N	-4.00E-03	2.40E-03	1.10E-02	N	3.40E-03	2.40E-03	7.50E-03	N	-1.70E-03
39624	CW-6	11/12/97	IYA W. of TB	YAEL	C		-131.10	178.35	OG012	0.00E+00	1.40E-03	4.90E-03	N	5.00E-04	1.60E-03	6.00E-03	N	-2.00E-04	1.50E-03	5.40E-03	N	0.00E+00
41109	CW-6	2/23/98	IYA W. of TB	DESEL	C		-131.10	178.35	OG012	-1.64E-03	9.20E-04	3.50E-03	N	-3.00E-04	1.10E-03	4.00E-03	N	-2.45E-03	9.30E-04	3.90E-03	N	-9.00E-05
49098	CW-6	5/25/99	IYA W. of TB	DESEL	C	CW-6D, Duplicate of 49115	-131.10	178.35	OG012	-9.00E-04	9.10E-04	3.30E-03	N	-1.80E-03	1.10E-03	4.30E-03	N	-1.74E-03	8.50E-04	3.40E-03	N	-1.20E-03
49115	CW-6	5/25/99	IYA W. of TB	DESEL	C	Duplicate of 49115, CW-6D	-131.10	178.35	OG012	-5.00E-04	1.30E-03	4.70E-03	N	-2.70E-03	1.70E-03	7.00E-03	N	-1.60E-03	1.20E-03	4.80E-03	N	-4.00E-04
450102	CW-6	7/19/00	IYA W. of TB	YNPS	C		-131.10	178.35	OG012	1.57E-04	1.32E-03	4.80E-03	N	3.34E-03	2.04E-03	6.68E-03	N					-3.55E-03
55394	CW-6	7/19/00	IYA W. of TB	DESEL	CQC	Duplicate of 55401	-131.10	178.35	OG012													
55401	CW-6	7/19/00	IYA W. of TB	DESEL	CQC	Duplicate of 55394	-131.10	178.35	OG012													
19415	CW-7	10/5/94	IYA N of SB	YAEL	CQA	1997 reanalyzed as 34457	148.39	186.32	OG010	-2.00E-03	1.90E-03	7.40E-03	N	1.00E-03	1.60E-03	4.50E-03	N	2.00E-03	1.90E-03	5.10E-03	N	1.20E-03
34457	CW-7	10/5/94	IYA N of SB	YAEL	CQA	reanalysis of 19415	148.39	186.32	OG010	-5.00E-04	1.70E-03	5.90E-03	N	3.20E-04	8.40E-04	3.00E-03	N	2.90E-03	4.60E-03	1.50E-02	N	1.40E-03
21006	CW-7	1/6/95	IYA N of SB	YAEL	C		148.39	186.32	OG010	-1.30E-03	2.20E-03	8.10E-03	N	1.60E-03	1.50E-03	4.10E-03	N	7.00E-04	1.70E-03	5.10E-03	N	1.10E-03
22609	CW-7	4/6/95	IYA N of SB	YAEL	C		148.39	186.32	OG010	-5.20E-03	2.70E-03	1.00E-02	N	-2.60E-03	1.50E-03	5.60E-03	N	1.70E-03	1.50E-03	4.80E-03	N	5.00E-04
23736	CW-7	6/1/95	IYA N of SB	YAEL	C		148.39	186.32	OG010	-5.70E-03	2.80E-03	1.10E-02	N	-1.40E-03	1.00E-03	4.10E-03	N	8.50E-04	9.30E-04	3.10E-03	N	3.00E-04
25943	CW-7	10/4/95	IYA N of SB	YAEL	C		148.39	186.32	OG010	1.10E-03	1.90E-03	7.30E-03	N	1.00E-03	1.70E-03	6.30E-03	N	-1.90E-03	2.30E-03	1.00E-02	N	1.00E-03
27502	CW-7	1/11/96	IYA N of SB	YAEL	C		148.39	186.32	OG010	-3.00E-03	2.10E-03	9.20E-03	N	-2.90E-03	2.20E-03	1.00E-02	N	9.00E-04	1.80E-03	6.60E-03	N	4.30E-03
29041	CW-7	4/3/96	IYA N of SB	YAEL	C		148.39	186.32	OG010	-1.10E-03	2.30E-03	7.70E-03	N	-3.00E-04	1.40E-03	5.60E-03	N	-2.30E-04	9.60E-04	3.80E-03	N	-9.00E-04
30238	CW-7	7/2/96	IYA N of SB	YAEL	C		148.39	186.32	OG010	6.00E-04	1.20E-03	4.30E-03	N	8.00E-04	1.20E-03	4.30E-03	N	1.10E-03	1.10E-03	3.40E-03	N	0.00E+00
31293	CW-7	8/21/96	IYA N of SB	YAEL	C		148.39	186.32	OG010	1.40E-03	2.50E-03	8.80E-03	N	-8.00E-04	1.90E-03	9.10E-03	N	1.50E-03	2.10E-03	7.60E-03	N	-3.10E-03
31840	CW-7	10/1/96	IYA N of SB	YAEL	C		148.39	186.32	OG010	-1.00E-04	1.70E-03	6.50E-03	N	1.60E-03	2.50E-03	9.10E-03	N	-2.20E-03	1.90E-03	8.30E-03	N	-8.00E-04
34788	CW-7	3/19/97	IYA N of SB	YAEL	C	Filtrate of CW-7	148.39	186.32	OG010	8.00E-04	1.30E-03	4.50E-03	N	6.00E-04	1.50E-03	5.70E-03	N	2.20E-03	1.50E-03	4.70E-03	N	7.00E-04
37365	CW-7	8/20/97	IYA N of SB	YAEL	C		148.39	186.32	OG010	-9.00E-04	1.10E-03	4.30E-03	N	-2.00E-04	1.10E-03	4.40E-03	N	-6.00E-04	1.30E-03	4.90E-03	N	0.00E+00
39625	CW-7	11/12/97	IYA N of SB	YAEL	C		148.39	186.32	OG010	1.70E-03	1.60E-03	5.30E-03	N	-3.80E-03	2.60E-03	1.10E-02	N	7.00E-04	2.10E-03	7.60E-03	N	2.70E-03
41111	CW-7	2/23/98	IYA N of SB	DESEL	C		148.39	186.32	OG010	-7.40E-04	8.20E-04	3.10E-03	N	1.90E-03	1.20E-03	3.90E-03	N	-1.64E+02	9.80E-04	4.00E-03	N	7.20E-04
42523	CW-7	5/27/98	IYA N of SB	DESEL	C		148.39	186.32	OG010	-1.70E-03	1.20E-03	4.70E-03	N	1.90E-03	1.80E-03	6.10E-03	N	-2.00E-04	1.30E-03	4.80E-03	N	9.00E-04
47800	CW-7	3/2/99	IYA N of SB	DESEL	C		148.39	186.32	OG010	-2.49E-04	1.07E-03	3.87E-03	N	1.46E-03	1.42E-03	4.90E-03	N	1.86E-03	1.12E-03	3.38E-03	N	0.00E+00
49099	CW-7	5/25/99	IYA N of SB	DESEL	C		148.39	186.32	OG010	-1.09E-03	9.60E-04	3.70E-03	N	-2.10E-03	1.80E-03	7.20E-03	N	-2.10E-03	1.40E-03	5.60E-03	N	1.30E-03
50964	CW-7	9/14/99	IYA N of SB	DESEL	C		148.39	186.32	OG010													
55395	CW-7	7/19/00	IYA N of SB	DESEL	C		148.39	186.32	OG010													
775707	CW-7	7/19/00	IYA N of SB	YNPS	C		148.39	186.32	OG010	1.41E-04	5.92E-03	2.04E-02	N	-1.35E-03	2.05E-03	7.67E-03	N					0.00E+00
62620	CW-7	10/15/01	IYA N of SB	YNPS	C		148.39	186.32	OG010													
19413	CW-8	10/5/94	IYA in TB	YAEL	C	H-3 sample re-analyzed to achieve a detection sensitivity of 400 pCi/Kg as requested by E. Cumming on 1/18/95.	-29.33	181.17	TB009	-1.00E-03	2.00E-03	7.40E-03	N	-1.10E-03	1.60E-03	5.30E-03	N	1.60E-03	1.90E-03	5.40E-03	N	6.00E-04
21007	CW-8	1/6/95	IYA in TB	YAEL	C		-29.33	181.17	TB009	1.00E-03	1.90E-03	6.20E-03	N	-2.40E-03	1.90E-03	6.50E-03	N	-1.00E-03	1.70E-03	5.70E-03	N	6.00E-04
22610	CW-8	4/6/95	IYA in TB	YAEL	C		-29.33	181.17	TB006	-1.30E-03	1.60E-03	5.90E-03	N	1.60E-03	1.20E-03	4.00E-03	N	-3.00E-04	1.20E-03	4.30E-03	N	3.00E-03
23737	CW-8	6/1/95	IYA in TB	YAEL	C		-29.33	181.17	TB009	-7.90E-04	9.30E-04	3.50E-03	N	-2.20E-03	1.30E-03	5.00E-03	N	-2.00E-03	1.10E-03	4.10E-03	N	4.00E-04
25944	CW-8	10/4/95	IYA in TB	YAEL	C		-29.33	181.17	TB009	9.00E-04	2.20E-03	8.30E-03	N	6.20E-03	2.20E-03	5.40E-03	N	-2.40E-03	1.90E-03	8.90E-03	N	2.20E-03
27503	CW-8	1/11/96	IYA in TB	YAEL	C	1997 reanalyzed as 34459	-29.33	181.17	TB009	-2.50E-03	2.10E-03	9.00E-03	N	-3.60E-03	2.50E-03	1.10E-02	N	9.00E-04	1.70E-03	6.40E-03	N	3.90E-04
34459	CW-8	1/11/96	IYA in TB	YAEL	CQA	reanalysis of 27503	-29.33	181.17	TB009	9.00E-04	1.10E-03	3.50E-03	N	1.25E-03	9.40E-04	3.10E-03	N	1.40E-03	2.20E-03	7.30E-03	N	5.00E-04
29042	CW-8	4/3/96	IYA in TB	YAEL	C		-29.33	181.17	TB009	-8.00E-04	2.00E-03	7.70E-03	N	0.00E+00	1.80E-03	7.00E-03	N	-6.00E-04	1.90E-03	7.90E-03	N	1.80E-03
30239	CW-8	7/2/96	IYA in TB	YAEL	C		-29.33	181.17	TB009	-1.70E-03	1.30E-03	5.00E-03	N	-1.00E-03	1.20E-03	4.80E-03	N	-4.00E-04	1.10E-03	3.90E-03	N	2.10E-03
31294	CW-8	8/22/96	IYA in TB	YAEL	C		-29.33	181.17	TB009	4.10E-03	2.40E-03	6.90E-03	N	4.00E-04	2.60E-03	1.10E-02	N	-3.30E-03	2.20E-03	1.20E-02	N	2.70E-03
31841	CW-8	10/1/96	IYA in TB	YAEL	C		-29.33	181.17	TB009	-3.00E-04	1.70E-03	6.20E-03	N	-2.00E-04	1.80E-03	7.20E-03	N	5.00E-04	1.40E-03	5.10E-03	N	2.70E-03
34789	CW-8	3/19/97	IYA in TB	YAEL	C	Filtrate of CW-8	-29.33	181.17	TB009	1.30E-03	1.70E-03	5.80E-03	N	9.00E-04	2.00E-03	7.50E-03	N	-2.40E-03	1.10E-03	6.00E-03	N	4.00E-04
37370	CW-8	8/20/97	IYA in TB	YAEL	C		-29.33	181.17	TB009	-2.30E-03	1.10E-03	4.00E-03	N	-2.20E-03	1.30E-03	5.10E-03	N	-1.10E-03	1.10E-03	3.90E-03	N	1.00E-03
39626	CW-8	11/12/97	IYA in TB	YAEL	C		-29.33	181.17	TB009	-1.00E-03	1.30E-03	5.70E-03	N	-1.00E-03	2.00E-03	8.40E-03	N	2.00E-03	1.80E-03	6.00E-03	N	8.00E-04
41112	CW-8	2/23/98	IYA in TB	DESEL	C		-29.33	181.17	TB009	2.30E-03	1.20E-03	3.60E-03	N	-1.60E-03	1.40E-03	5.70E-03	N	2.00E-04	1.20E-03	4.20E-03	N	-1.10E-03
42524	CW-8	5/27/98	IYA in TB	DESEL	C		-29.33	181.17	TB009	-9.00E-04	1.30E-03	5.20E-03	N	-2.00E-04	1.50E-03	6.30E-03	N	-8.00E-04	1.80E-03	6.90E-03	N	3.10E-03

Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
1.50E-03	4.80E-03	N													1.10E+05	1.10E+05	3.40E+05	N	VV
2.00E-03	6.50E-03	N													1.30E+05	1.00E+05	3.20E+05	N	VV
1.70E-03	6.10E-03	N													5.00E+04	1.00E+05	3.30E+05	N	VV
2.50E-03	1.10E-02	N													8.00E+04	1.10E+05	3.50E+05	N	VV
2.10E-03	1.10E-02	N													1.10E+05	1.00E+05	3.40E+05	N	VV
1.40E-03	6.00E-03	N					1.40E+02	3.70E+02	1.20E+03	N	-3.70E+03	1.60E+03	5.80E+03	N	2.00E+05	1.00E+05	3.40E+05	N	VV
9.70E-04	3.60E-03	N					-1.40E+02	3.60E+02	1.20E+03	N					-5.00E+04	1.10E+05	3.80E+05	N	VV
1.00E-03	3.90E-03	N													1.00E+05	1.00E+05	3.40E+05	N	VV
1.60E-03	6.50E-03	N													-5.20E+04	9.70E+04	3.40E+05	N	VV
1.54E-03	7.73E-03	N																	V
															-3.80E+05	3.30E+05	1.20E+06	N	
															5.10E+05	3.40E+05	1.10E+06	N	
1.70E-03	4.70E-03	N													7.80E+05	2.30E+05	6.20E+05	Y	VV
1.30E-03	4.50E-03	N													4.70E+05		3.40E+05	Y	VV
2.30E-03	7.00E-03	N													4.10E+05	1.00E+05	3.00E+05	Y	VV
1.60E-03	5.80E-03	N													6.00E+04	9.80E+04	3.20E+05	N	VV
1.30E-03	4.70E-03	N													1.78E+05	9.20E+04	2.90E+05	N	VV
1.40E-03	5.80E-03	N													2.30E+05	1.10E+05	3.40E+05	N	VV
2.60E-03	8.50E-03	N													2.20E+05	1.20E+05	3.90E+05	N	VV
1.20E-03	5.30E-03	N													4.00E+05	1.10E+05	3.40E+05	Y	VV
1.30E-03	4.40E-03	N													1.90E+05	1.10E+05	3.40E+05	N	VV
1.80E-03	1.10E-02	N													6.50E+05	1.10E+05	3.30E+05	Y	VV
1.90E-03	8.30E-03	N													4.70E+05	1.10E+05	3.40E+05	Y	VV
1.50E-03	5.60E-03	N													2.10E+05	1.10E+05	3.50E+05	N	VV
1.40E-03	5.60E-03	N													2.70E+05	1.10E+05	3.40E+05	N	VV
1.70E-03	5.10E-03	N					5.00E+01	3.70E+02	1.20E+03	N	-3.00E+03	1.60E+03	5.80E+03	N	6.00E+05	1.10E+05	3.40E+05	Y	VV
9.30E-04	3.30E-03	N					8.30E+02	3.70E+02	1.20E+03	N					2.70E+05	1.20E+05	3.80E+05	N	VV
1.30E-03	4.70E-03	N													1.10E+05	1.10E+05	3.50E+05	N	VV
1.73E-03	6.69E-03	N													3.39E+05	1.22E+05	3.90E+05	N	V
1.50E-03	5.40E-03	N													2.30E+05	1.00E+05	3.40E+05	N	VV
															2.66E+05	1.03E+05	3.32E+05	N	V
															6.00E+04	3.20E+05	1.10E+06	N	
2.37E-03	8.74E-03	N																	V
															3.70E+04	1.50E+05	3.90E+04	N	V
1.50E-03	4.50E-03	N													1.20E+05	1.00E+05	3.20E+05	N	VV
1.70E-03	5.20E-03	N													1.29E+05	9.60E+04	3.10E+05	N	VV
1.50E-03	4.90E-03	N													-1.05E+05	9.40E+04	3.20E+05	N	VV
1.20E-03	4.40E-03	N													1.90E+04	9.00E+04	3.00E+05	N	VV
3.10E-03	1.20E-02	N													6.00E+04	1.00E+05	3.30E+05	N	VV
9.60E-04	4.80E-03	N													6.30E+05	1.30E+05	4.00E+05	Y	VV
1.20E-03	4.30E-03	N																	VV
1.90E-03	7.10E-03	N													4.90E+05	1.10E+05	3.40E+05	Y	VV
1.50E-03	4.60E-03	N													2.40E+05	1.10E+05	3.50E+05	N	VV
2.20E-03	6.90E-03	N													3.80E+05	1.10E+05	3.20E+05	Y	VV
1.80E-03	5.80E-03	N													4.45E+05	9.30E+04	2.80E+05	Y	VV
2.00E-03	7.80E-03	N													7.00E+04	1.10E+04	3.50E+05	N	VV
1.10E-03	3.80E-03	N													6.70E+05	1.10E+05	3.40E+05	Y	VV
2.00E-03	8.20E-03	N					2.60E+02	4.10E+02	1.30E+03	N	-3.20E+03	2.70E+03	1.00E+04	N	6.80E+05	1.10E+05	3.30E+05	Y	VV
1.30E-03	5.90E-03	N					4.20E+02	3.70E+02	1.20E+03	N					3.40E+05	1.20E+05	3.80E+05	N	VV
2.50E-03	8.20E-03	N													2.60E+05	1.10E+05	3.60E+05	N	VV

Table 2. YNPS Ground Water Analyses

Lab#	Field#	Date	Location	Lab Name	Sample Type	Comments	Site Coord (x - ft)	Site Coord (y - ft)	FSS Survey Area	Cs-134, pCi/ml Conc.	Error	MDC	detectable?	Cs-137, pCi/ml Conc.	Error	MDC	detectable?	Mn-54, pCi/ml Conc.	Error	MDC	detectable?	Conc.
47801	CW-8	3/2/99	IYA in TB	DESEL	C		-29.33	181.17	TB009													
49100	CW-8	5/26/99	IYA in TB	DESEL	C		-29.33	181.17	TB009	1.50E-03	1.40E-03	4.30E-03	N	-1.50E-03	1.70E-03	6.70E-03	N	1.40E-03	1.60E-03	5.20E-03	N	-7.00E-04
50965	CW-8	9/8/99	IYA in TB	DESEL	C		-29.33	181.17	TB009													
378201	CW-8	12/28/99	IYA in TB	YNPS	C		-29.33	181.17	TB009	-2.47E-03	3.37E-03	1.27E-02	N	3.07E-04	1.45E-03	5.48E-03	N	9.54E-04	1.47E-03	5.15E-03	N	-3.24E-03
52578	CW-8	12/28/99	IYA in TB	DESEL	C		-29.33	181.17	TB009													
55396	CW-8	7/25/00	IYA in TB	DESEL	C		-29.33	181.17	TB009													
45467	CW-9	11/2/98	RYA N. of CW-1	DESEL	C		-96.92	5.38	YG002	1.51E-03	9.80E-04	3.00E-03	N	5.60E-04	9.70E-04	3.50E-03	N	-7.10E-04	9.30E-04	3.60E-03	N	0.00E+00
47802	CW-9	3/2/99	RYA N. of CW-1	DESEL	C		-96.92	5.38	YG002	-6.50E-04	8.30E-04	3.00E-03	N	1.23E-03	9.80E-04	3.30E-03	N	1.80E-03	8.50E-04	2.50E-03	N	-5.30E-04
49101	CW-9	5/25/99	RYA N. of CW-1	DESEL	C	Replaced with MW-6 to confirm isolated contamination with paint chips, grouted 7/7/00	-96.92	5.38	YG002	-1.10E-04	8.50E-04	2.90E-04	N	-7.00E-05	9.40E-03	3.50E-03	N	-8.90E-04	8.00E-04	3.00E-03	N	4.30E-04
19522	ELEVATOR SHAFT	10/24/94	VC Elevator Shaft bottom	DESEL	C	Ground water seepage	64.00	-48.00	YS011													
17971	FB-1	7/22/94	Field Blank	YAEL	CQA	Plant Demin Water; inadvertently used water with activity for FB			Field Blank	1.30E-03	1.20E-03	4.00E-03	N	5.10E-03	1.60E-03	4.70E-03	Y	1.03E-02	1.50E-03	3.10E-03	Y	2.62E-02
21009	FB-1	1/5/95	Field Blank	YAEL	CQA	Field blank			Field Blank	-1.50E-03	1.80E-03	6.30E-03	N	1.10E-03	2.00E-03	5.80E-03	N	1.50E-03	1.70E-03	4.90E-03	N	-3.50E-03
22617	FB-1	4/6/95	Field Blank	YAEL	CQA	Field blank			Field Blank	2.90E-03	2.40E-03	6.80E-03	N	-4.00E-04	1.20E-03	4.80E-03	N	-1.10E-03	1.20E-03	4.50E-03	N	-9.00E-04
29034	FB-1	4/3/96	Field Blank	YAEL	CQA	Field blank			Field Blank	-9.10E-03	3.50E-03	1.40E-02	N	-1.80E-03	1.60E-03	6.80E-03	N	5.00E-04	1.50E-03	5.30E-03	N	-4.00E-04
30240	FB-1	7/2/96	Field Blank	YAEL	CQA	Field blank			Field Blank	0.00E+00	1.60E-03	5.80E-03	N	-1.20E-03	1.50E-03	6.20E-03	N	-6.00E-04	1.60E-03	5.50E-03	N	-1.20E-03
34801	FB-1	3/24/97	Field Blank	YAEL	CQA	Field Blank - Filtrate of FB-1			Field Blank	-1.50E-03	1.60E-03	6.90E-03	N	4.50E-03	1.90E-03	5.40E-03	N	2.00E-04	1.40E-03	5.30E-03	N	3.00E-03
42527	MW-1	6/1/98	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008	1.60E-03	1.70E-03	5.60E-03	N	2.00E-03	1.50E-03	4.90E-03	N	5.00E-04	1.90E-03	6.80E-03	N	4.00E-03
43992	MW-1	8/26/98	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008	-1.40E-03	1.00E-03	4.00E-03	N	-7.00E-04	1.40E-03	5.50E-03	N	-1.50E-03	1.00E-03	4.30E-03	N	-4.00E-04
45472	MW-1	10/27/98	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008	-1.58E-03	8.80E-04	3.30E-03	N	-1.20E-03	1.20E-03	4.60E-03	N	3.00E-04	1.10E-03	3.90E-03	N	3.00E-04
47796	MW-1	3/2/99	RYA S. of PAB	DESEL	C	Sample inadvertently contaminated; see Memo ESG 99-11	71.98	-106.72	YG008	-1.50E-04	9.90E-04	3.40E-03	N	-9.00E-04	1.30E-03	4.70E-03	N	-1.10E-03	1.10E-03	3.80E-03	N	2.29E-02
48900	MW-1	3/2/99	RYA S. of PAB	DESEL	C	Sample inadvertently contaminated; see Memo ESG 99-11	71.98	-106.72	YG008	-5.90E-04	5.70E-04	1.90E-03	N	-1.14E-03	6.30E-04	2.40E-03	N	-4.30E-04	6.00E-04	2.00E-03	N	2.24E-02
49067	MW-1	5/24/99	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008	3.00E-04	1.20E-03	3.90E-03	N	-3.00E-04	1.50E-03	5.70E-03	N	-6.00E-04	1.50E-03	5.40E-03	N	1.00E-04
337102	MW-1	9/9/99	RYA S. of PAB	YNPS	C		71.98	-106.72	YG008	6.29E-04	1.60E-03	5.58E-03	N	-2.86E-03	2.16E-03	8.43E-03	N	0.00E+00	1.55E-03	5.90E-03	N	1.71E-03
50977	MW-1	9/9/99	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008													
378801	MW-1	12/27/99	RYA S. of PAB	YNPS	C		71.98	-106.72	YG008	-9.93E-04	1.21E-03	4.77E-03	N	-2.06E-03	1.61E-03	6.61E-03	N	4.25E-04	1.43E-03	5.17E-03	N	-5.26E-03
52573	MW-1	12/27/99	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008													
443101	MW-1	7/24/00	RYA S. of PAB	YNPS	C		71.98	-106.72	YG008	-7.89E-04	1.34E-03	5.12E-03	N	-1.20E-03	1.84E-03	7.14E-03	N					2.48E-03
55383	MW-1	7/24/00	RYA S. of PAB	DESEL	C		71.98	-106.72	YG008													
42528	MW-2	6/1/98	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007	3.00E-04	1.20E-03	4.00E-03	N	-3.20E-03	1.70E-03	7.20E-03	N	2.50E-03	1.40E-03	4.20E-03	N	1.10E-03
43993	MW-2	8/26/98	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007	3.00E-04	1.40E-03	4.90E-03	N	1.40E-03	1.90E-03	6.80E-03	N	0.00E+00	1.70E-03	6.70E-03	N	2.20E-03
45473	MW-2	10/27/98	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007	-3.70E-04	5.90E-04	3.20E-03	N	-1.60E-04	9.20E-04	3.50E-03	N	8.00E-05	8.70E-04	3.10E-03	N	-1.10E-03
49104	MW-2	5/25/99	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007	4.00E-04	1.20E-03	4.00E-03	N	1.10E-03	1.30E-03	4.60E-03	N	-3.00E-04	1.10E-03	4.30E-03	N	4.00E-04
341202	MW-2	9/15/99	RYA N. of PAB	YNPS	C		19.50	-66.48	YG007	1.99E-03	4.49E-03	1.49E-03	N	-5.65E-03	2.05E-03	8.35E-03	N	-1.23E-03	1.61E-03	6.26E-03	N	-6.59E-03
50978	MW-2	9/15/99	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007													
52574	MW-2	12/27/99	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007													
727707	MW-2	12/27/99	RYA N. of PAB	YNPS	C		19.50	-66.48	YG007	-1.14E-02	5.33E-03	1.90E-02	N	-3.88E-03	1.84E-03	7.51E-03	N	-2.26E-04	1.70E-03	6.45E-03	N	7.00E-04
443702	MW-2	7/24/00	RYA N. of PAB	YNPS	C		19.50	-66.48	YG007	9.42E-04	1.45E-03	5.01E-03	N	-2.87E-03	1.85E-03	7.51E-03	N					1.76E-03
55382	MW-2	7/24/00	RYA N. of PAB	DESEL	C		19.50	-66.48	YG007													
42529	MW-3	6/1/98	RYA N. of PAB	DESEL	C	Cs-137 detection appears to be real, just above MDC	59.89	-54.49	YG007	4.00E-04	1.20E-03	4.00E-03	N	8.60E-03	2.70E-03	8.20E-03	Y	-2.80E-03	1.10E-03	5.20E-03	N	2.00E-04
43994	MW-3	8/26/98	RYA N. of PAB	DESEL	C	duplicate of 44007	59.89	-54.49	YG007	-2.00E-03	1.40E-03	5.70E-03	N	-6.00E-04	1.80E-03	7.10E-03	N	-9.00E-04	1.30E-03	5.10E-03	N	-2.00E-04
44007	MW-3	8/26/98	RYA N. of PAB	DESEL	C	MW-3C, duplicate of 43994	59.89	-54.49	YG007	1.00E-03	1.00E-03	3.10E-03	N	-1.40E-03	1.30E-03	5.00E-03	N	-2.00E-04	1.10E-03	3.80E-03	N	8.00E-04
45474	MW-3	10/27/98	RYA N. of PAB	DESEL	C		59.89	-54.49	YG007	-1.21E-03	8.80E-04	3.40E-03	N	-5.50E-04	9.50E-04	3.80E-03	N	7.00E-05	8.50E-04	3.10E-03	N	1.00E-04
49105	MW-3	5/25/99	RYA N. of PAB	DESEL	C		59.89	-54.49	YG007	-1.20E-04	9.20E-04	3.10E-03	N	2.80E-04	8.90E-04	3.20E-03	N	1.18E-03	8.60E-04	2.70E-03	N	1.50E-03
341101	MW-3	9/14/99	RYA N. of PAB	YNPS	C		59.89	-54.49	YG007	0.00E+00	1.28E-03	4.76E-03	N	5.53E-04	1.78E-03	6.53E-03	N	-3.69E-04	1.19E-03	4.64E-03	N	-1.64E-04
50979	MW-3	9/14/99	RYA N. of PAB	DESEL	C		59.89	-54.49	YG007													
378202	MW-3	12/27/99	RYA N. of PAB	YNPS	C		59.89	-54.49	YG007	1.80E-04	1.57E-03	5.61E-03	N	-2.16E-03	2.11E-03	8.15E-03	N	2.00E-03	1.00E-03	3.15E-03	N	3.24E-04
52575	MW-3	12/27/99	RYA N. of PAB	DESEL	C		59.89	-54.49	YG007													

Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
															3.13E+05	1.21E+05	3.89E+05	N	V
1.80E-03	7.20E-03	N													3.10E+05	1.10E+05	3.40E+05	N	VV
															3.21E+05	1.04E+05	3.33E+05	Y	V
2.36E-03	9.72E-03	N																	VV
															3.60E+05	9.59E+04	3.11E+05	Y	V
															3.00E+04	3.40E+05	1.20E+06	N	
1.00E-03	3.90E-03	N													1.00E+04	1.00E+05	3.40E+05	N	VV
9.90E-04	3.70E-03	N																	VV
8.20E-04	2.90E-03	N													1.80E+05	1.10E+05	3.70E+05	N	VV
															5.06E+06	3.30E+05	5.90E+05	Y	VV
2.40E-03	3.60E-03	Y													2.80E+05	2.00E+05	6.50E+05	N	VV
2.40E-03	1.00E-02	N													-5.20E+04	9.20E+04	3.10E+05	N	VV
1.30E-03	5.30E-03	N													-1.80E+05	9.30E+04	3.20E+05	N	VV
1.30E-03	5.60E-03	N													-7.00E+04	1.00E+05	3.40E+05	N	VV
1.70E-03	6.50E-03	N													6.00E+04	1.10E+05	3.40E+05	N	VV
2.00E-03	6.30E-03	N													-5.00E+04	1.10E+05	3.60E+05	N	VV
2.50E-03	8.00E-03	N													4.20E+05	1.10E+05	3.50E+05	Y	VV
1.20E-03	4.70E-03	N													6.30E+05	1.10E+05	3.40E+05	Y	VV
1.20E-03	4.40E-03	N													2.23E+05	9.90E+04	3.20E+05	N	VV
1.80E-03	5.70E-03	Y													1.90E+06	1.50E+05	3.90E+05	Y	VX
1.00E-03	2.30E-03	Y																	VX
1.70E-03	6.30E-03	N													7.00E+05	1.10E+05	3.40E+05	Y	VV
1.98E-03	7.04E-03	N	1.04E-03	1.49E-03	5.32E-03	N													VV
															9.60E+05	1.10E+05	3.10E+05	Y	VV
2.18E-03	9.73E-03	N																	VV
															1.29E+06	1.02E+05	3.14E+05	Y	V
1.97E-03	6.69E-03	N																	V
															3.80E+05	3.50E+05	1.20E+06	N	
1.30E-03	4.80E-03	N													3.42E+06	3.40E+05	7.70E+05	Y	VV
1.70E-03	5.70E-03	N													8.70E+06	2.20E+05	3.40E+05	Y	VV
1.00E-03	4.20E-03	N													1.35E+07	5.70E+05	7.90E+05	Y	VV
1.50E-03	5.80E-03	N																	VV
2.55E-03	1.08E-03	N	2.83E-04	1.51E-03	5.46E-03	N													VV
															1.15E+07	2.40E+05	3.10E+05	Y	VV
															1.00E+07	1.44E+05	3.13E+05	Y	V
2.42E-03	8.74E-03	N	-1.29E-04	1.44E-03	5.38E-03	N													VV
1.99E-03	7.15E-03	N																	V
															3.62E+06	4.30E+05	1.20E+06	Y	
1.70E-03	6.60E-03	N													8.00E+04	1.10E+05	3.50E+05	N	VV
1.50E-03	6.00E-03	N													4.20E+05	1.10E+05	3.40E+05	Y	VV
1.10E-03	4.00E-03	N																	VV
1.10E-03	3.90E-03	N													1.69E+06	2.90E+05	7.90E+05	Y	VV
1.10E-03	3.60E-03	N																	VV
2.30E-03	8.71E-03	N	2.35E-04	1.08E-03	3.80E-03	N													VV
															1.22E+06	1.20E+05	3.10E+05	Y	VV
2.16E-03	8.61E-03	N	1.36E-03	1.56E-03	5.50E-03	N													VV
															1.18E+06	1.01E+05	3.12E+05	Y	V

Lab#	Field#	Date	Location	Lab Name	Sample Type	Comments	Site Coord (x - ft)	Site Coord (y - ft)	FSS Survey Area	Cs-134, pCi/ml Conc.	Error	MDC	detectable?	Cs-137, pCi/ml Conc.	Error	MDC	detectable?	Mn-54, pCi/ml Conc.	Error	MDC	detectable?	Conc.
448101	MW-3	7/24/00	RYA N. of PAB	YNPS	C		59.89	-54.49	YG007	2.19E-03	1.37E-03	4.48E-03	N	-2.39E-03	1.82E-03	7.30E-03	N					3.96E-03
55384	MW-3	7/24/00	RYA N. of PAB	DESEL	C	Bent casing made sampling difficult, results from adjacent well, MW-2, appeared more conservative, grouted 7/00	59.89	-54.49	YG007													
377001	MW-5	12/27/99	RYA N. of PAB	YNPS	C		51.00	-40.00	YG007	7.80E-03	4.14E-03	1.47E-03	N	-1.59E-03	1.97E-03	7.64E-03	N	-2.97E-04	1.65E-03	6.09E-03	N	1.27E-04
52576	MW-5	12/27/99	RYA N. of PAB	DESEL	C		51.00	-40.00	YG007													
449001	MW-5	7/20/00	RYA N. of PAB	YNPS	C		51.00	-40.00	YG007	-1.60E-03	1.88E-03	7.26E-03	N	7.99E-04	1.49E-03	5.48E-03	N					-2.03E-03
55387	MW-5	7/20/00	RYA N. of PAB	DESEL	C		51.00	-40.00	YG007													
519101	MW-5	4/18/01	RYA N. of PAB	YNPS	C		51.00	-40.00	YG007	1.77E-03	1.49E-03	5.02E-03	N	-6.79E-03	2.19E-03	9.26E-03	N	-4.53E-06	1.72E-03	6.22E-03	N	4.03E-04
52577	MW-6	12/27/99	RYA N. of CW-9	DESEL	CQC	MW-6 Duplicate of MW-6A, 52579	-96.01	10.00	YG007													
52579	MW-6	12/27/99	RYA N. of CW-9	DESEL	C	MW-6A Duplicate of MW-6, 52577	-96.01	10.00	YG002													
727607	MW-6	12/27/99	RYA N. of CW-9	YNPS	C		-96.01	10.00	YG002	-5.24E-03	7.78E-03	2.69E-03	N	-4.67E-03	2.13E-03	8.51E-03	N	-1.04E-03	2.07E-03	7.88E-03	N	4.32E-04
450002	MW-6	7/19/00	RYA N. of CW-9	YNPS	C		-96.01	10.00	YG002	3.88E-04	1.26E-03	4.55E-03	N	3.69E-04	1.68E-03	6.19E-03	N					1.77E-03
55385	MW-6	7/19/00	RYA N. of PAB	DESEL	C		-96.01	10.00	YG002													
16592	NEP Spring	5/18/94	N of SLFI	YNPS	C	Surface water sample	-480.00	740.00	OG018													
39627	NSR-1	11/20/97	NSR	YAEL	C		1050.51	400.09	Outside FSS area	3.00E-04	1.50E-03	5.10E-03	N	-2.30E-03	1.80E-03	7.50E-03	N	-1.80E-03	1.30E-03	5.40E-03	N	3.00E-04
41104	NSR-1	2/23/98	NSR	DESEL	C	Offsite location: non-radiological investigation completed; grouted 7/7/00	1050.51	400.09	Outside FSS area	1.20E-03	1.50E-03	4.90E-03	N	-7.00E-04	1.50E-03	6.10E-03	N	-1.40E-03	1.70E-03	6.60E-03	N	2.10E-03
39628	OSR-1	11/20/97	OSR	YAEL	C		284.05	-576.00	OG007	-1.30E-03	3.50E-03	1.30E-02	N	1.70E-03	1.30E-03	4.50E-03	N	-1.30E-03	1.20E-03	4.50E-03	N	2.20E-03
41105	OSR-1	2/23/98	OSR	DESEL	C		284.05	-576.00	OG007	3.00E-04	1.20E-03	4.20E-03	N	4.00E-04	2.10E-03	7.80E-03	N	-1.10E-03	1.60E-03	6.30E-03	N	1.00E-03
42526	OSR-1	5/26/98	OSR	DESEL	C		283.98	-577.94	OG007	-1.36E-03	8.80E-04	3.80E-03	N	-1.80E-03	1.60E-03	6.50E-03	N	2.30E-03	1.30E-03	3.70E-03	N	1.00E-03
	8/27/98	OSR		DESEL	C		283.98	-577.94	OG007	1.00E-04	1.30E-03	4.60E-03	N	5.00E-04	1.30E-03	5.00E-03	N	2.10E-03	1.30E-03	4.00E-03	N	1.00E-03
	10/27/98	OSR		DESEL	C		283.98	-577.94	OG007	4.10E-04	9.10E-04	3.10E-03	N	2.10E-03	1.10E-03	3.50E-03	N	5.50E-04	9.30E-04	3.10E-03	N	1.10E-03
	3/2/99	OSR		DESEL	C		283.98	-577.94	OG007	1.10E-03	1.20E-03	3.70E-03	N	1.60E-03	1.60E-03	5.60E-03	N	0.00E+00	1.10E-03	4.00E-03	N	1.80E-03
	5/24/99	OSR		DESEL	C		283.98	-577.94	OG007	-4.00E-04	1.20E-03	4.30E-03	N	-5.00E-04	1.50E-03	5.70E-03	N	-2.10E-03	1.10E-03	4.70E-03	N	-7.00E-04
	9/8/99	OSR		YNPS	C		283.98	-577.94	OG007	1.99E-04	1.24E-03	4.58E-03	N	-9.52E-04	1.51E-03	6.03E-03	N	1.04E-03	1.18E-03	4.09E-03	N	-2.84E-03
	9/8/99	OSR		YNPS	C		283.98	-577.94	OG007													
	7/18/00	OSR		YNPS	C		284.05	-576.00	OG007	-8.60E-03	6.34E-03	2.25E-02	N	1.06E-03	2.99E-03	1.14E-02	N	4.32E-04	1.69E-03	6.01E-03	N	8.16E-04
	7/18/00	OSR		DESEL	C		284.05	-576.00	OG007													
cubicle	6/19/97	PAB		YNPS	I	lab filtered sample of standing water in building			PA012	8.78E-01	3.09E-01	2.00E+00	N	1.08E+01	8.94E-01	1.49E+00	Y					1.19E+01
	4/24/96	IXP		YAEL	I	Solid Filtrate of Groundwater, weight 3.6 kg. H-3 Results represent analysis of sample SF-10 after filtering sample through 0.45 micron Gelman filter, Ion Exchange Pit.	75.03	-45.70	YS010	-1.00E-04	2.80E-03	8.80E-03	N	2.94E-02	3.30E-03	6.80E-03	Y	1.30E-03	1.20E-03	4.10E-03	N	6.80E-03
	4/24/96	IXP		YAEL	I	Solid Filtrate of Groundwater, weight of 3.735 kg Results represent analysis of sample SF-10 filtered solids. REF. LSN 29036	75.03	-45.70	YS010	-5.70E-03	7.60E-03	2.70E-02	N	1.08E+00	2.10E-02	4.00E-02	Y	7.70E-03	9.50E-03	3.10E-02	N	4.05E+00
	4/24/96	IXP		YNPS	I	Unfiltered	75.03	-45.70	YS010			5.44E-02	N	1.36E+00	5.86E-02		Y			6.99E-02	N	4.94E+00
	5/18/94	SLFIOD		YNPS	C	Surface water sample	-540.12	740.19	OG018													
	6/1/95	SLFIOD		YAEL	C	Old septic leach field overflow trench/spring. NEP seepage	-540.12	740.19	OG018	5.00E-04	1.30E-03	4.60E-03	N	-3.00E-04	1.20E-03	4.80E-03	N	-7.00E-04	1.00E-03	3.90E-03	N	2.10E-03
	5/18/94	Wheeler Brook, near mouth		YNPS	C	Surface water sample	659.94	49.99	OG003													
4	9/28/98	Wheeler Brook		DESEL	C	Surface water sample	650.00	-750.00	OG008	2.00E-04	1.20E-03	4.30E-03	N	3.00E-04	1.70E-03	6.20E-03	N	1.10E-03	1.20E-03	4.20E-03	N	9.00E-04
5	9/28/98	Wheeler Brook		DESEL	C	Surface water sample	250.00	-700.00	OG004	-8.00E-05	8.90E-04	3.20E-03	N	2.00E-03	1.20E-03	4.00E-03	N	-1.50E-04	9.60E-04	3.50E-03	N	-1.50E-03
6	9/28/98	Wheeler Brook		DESEL	C	Surface water sample	650.00	-550.00	OG003	1.00E-04	1.00E-03	3.60E-03	N	-2.00E-04	1.20E-03	4.40E-03	N	1.00E-03	9.10E-04	3.00E-03	N	-7.00E-04
7	9/28/98	Wheeler Brook		DESEL	C	Surface water sample	725.00	-250.00	OG003	-2.00E-04	1.10E-03	3.90E-03	N	6.00E-04	1.30E-03	4.80E-03	N	5.00E-04	1.30E-03	4.60E-03	N	-1.00E-04
8	9/28/98	Wheeler Brook		DESEL	C	Surface water sample	700.00	0.00	OG003	1.04E-03	9.40E-03	3.00E-03	N	-1.70E-03	1.20E-03	4.90E-03	N	-1.10E-03	7.80E-04	3.30E-03	N	-9.80E-04
9	9/28/98	Wheeler Brook		DESEL	C	Surface water sample	650.00	-550.00	OG003	-1.10E-03	1.30E-03	5.40E-03	N	-1.20E-03	1.80E-03	7.80E-03	N	-3.60E-03	1.90E-03	8.50E-03	N	1.80E-03

43991	OSR-1
45471	OSR-1
47803	OSR-1
49066	OSR-1
342101	OSR-1
50966	OSR-1
439201	OSR-1
55410	OSR-1
22201	PDCT floor
29036	SF-10
29043	SF-10
4689	SF-10
16591	Spring
23729	Spring
16593	WBK
44539	WBK-4
44540	WBK-4
44541	WBK-4
44542	WBK-4
44543	WBK-4
44544	WBK-4

Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
1.82E-03	5.41E-03	N																	V
															6.00E+04	3.40E+05	1.20E+06	N	
2.42E-03	9.01E-03	N	1.00E-03	1.25E-03	4.20E-03	N													VV
															5.61E+06	1.24E+05	3.11E+05	Y	V
2.33E-03	9.34E-03	N																	V
															4.93E+06	4.60E+05	1.20E+06	Y	
2.77E-03	1.01E-02	N																	
															1.14E+05	9.42E+04	3.11E+05	N	V
															6.91E+04	9.22E+04	3.05E+05	N	V
2.59E-03	9.38E-03	N	-9.43E-04	1.87E-03	6.94E-03	N													VV
2.17E-03	7.73E-03	N																	V
															3.00E+04	3.40E+05	1.20E+06	N	
															-2.00E+04	1.90E+05	6.20E+05	N	VV
1.60E-03	6.00E-03	N					3.70E+02	3.90E+02	1.30E+03	N	1.70E+03	1.40E+03	1.00E+04	N	2.00E+05	1.10E+05	3.50E+05	N	VV
2.60E-03	9.30E-03	N					-5.00E+01	3.60E+02	1.20E+03	N					-2.30E+05	1.10E+05	3.90E+05	N	VV
1.50E-03	4.70E-03	N					-1.00E+01	3.60E+02	1.20E+03	N	-5.80E+03	2.00E+03	7.40E+03	N	2.90E+05	1.10E+05	3.40E+05	N	VV
2.00E-03	7.40E-03	N					-5.80E+02	3.60E+02	1.20E+03	N					-1.20E+05	1.10E+05	3.80E+05	N	VV
1.20E-03	4.30E-03	N													2.00E+05	1.10E+05	3.50E+05	N	VV
1.20E-03	4.50E-03	N													8.00E+04	1.00E+05	3.40E+05	N	VV
1.00E-03	3.30E-03	N																	VV
1.20E-03	4.00E-03	N													3.00E+04	1.10E+05	3.90E+05	N	VV
1.60E-03	6.50E-03	N													5.00E+04	1.10E+05	3.40E+05	N	VV
2.33E-03	9.53E-03	N	-1.07E-03	1.08E-03	4.09E-03	N													VV
															5.40E+04	9.90E+04	3.30E+05	N	VV
2.55E-03	9.27E-03	N																	V
															6.00E+04	3.40E+05	1.20E+06	N	
7.99E-01	1.60E+00	Y																	
1.60E-03	6.10E-03	Y	7.40E-03	1.30E-03	4.80E-03	Y									7.97E+06	2.00E+05	3.40E+05	Y	VX
3.10E-02	2.20E-02	Y	1.44E+00	1.20E-02	3.60E-02	Y													VX
8.26E-02		Y	1.93E+00	2.11E+06		Y													VX
															1.60E+05	1.90E+05	6.20E+05	N	VV
1.40E-03	4.60E-03	N													-1.60E+04	8.60E+04	2.80E+05	N	VV
															-3.00E+04	1.80E+05	6.10E+05	N	VV
1.70E-03	6.20E-03	N																	VV
1.10E-03	4.70E-03	N																	VV
1.00E-03	4.20E-03	N																	VV
1.50E-03	6.20E-03	N																	VV
9.30E-04	4.10E-03	N																	VV
2.20E-03	7.90E-03	N																	VV

Table 3. YNPS 1993 Gross Alpha and Gross Beta Results

		Gross Beta Filtered					Gross Beta Unfiltered						
Date	Well	LSN	Concentration pCi/L	Error	MDC	Detected?	Date	Well	LSN	Concentration pCi/L	Error	MDC	Detected?
6/28/1993	B-1	11726	4.70	0.80	2.30	Y	6/28/1993	B-1	11115	16.0	1.3	3.5	Y
6/28/1993	B-3	11725	6.80	0.80	2.20	Y	6/28/1993	B-3	11114	11.9	2.0	5.9	Y
6/18/1993	CB-1	11717	17.60	1.00	2.50	Y	6/18/1993	CB-1	11101	17.2	2.1	6.0	Y
6/18/1993	CB-2	11718	13.90	0.99	2.50	Y	6/18/1993	CB-2	11102	16.9	2.1	6.0	Y
6/28/1993	CB-3	11466	5.20	0.48	1.30	Y	6/28/1993	CB-3	11112	74.0	3.7	8.4	Y
6/28/1993	CB-4	11724	4.90	1.30	3.90	Y	6/28/1993	CB-4	11113	12.1	1.4	3.9	Y
6/28/1993	CW-1	11722	12.30	0.95	2.50	Y	6/28/1993	CW-1	11109	11.4	1.4	4.1	Y
6/28/1993	CW-2	11723	6.20	1.80	5.60	Y	6/28/1993	CW-2	11110	43.6	3.2	8.1	Y
6/18/1993	CW-3	11719	26.80	2.50	6.50	Y	6/18/1993	CW-3	11103	25.4	4.3	13.0	Y
6/28/1993	CW-4	11465	1.70	4.30	13.00	Y	6/28/1993	CW-4	11111	79.0	11	31	Y
6/18/1993	CW-5	11720	25.30	2.30	5.90	Y	6/18/1993	CW-5	11104	35.1	3.0	8.1	Y
6/18/1993	CW-6	11721	13.30	0.95	2.40	Y	6/18/1993	CW-6	11105	15.4	1.3	3.5	Y

		Gross Alpha Filtered				
Date	Well	LSN	Concentration pCi/L	Error	MDC	Detected?
6/28/1993	B-1	11726	1.27	0.46	1.20	N
6/28/1993	B-3	11725	-0.17	0.92	3.60	N
6/18/1993	CB-1	11717	4.30	1.60	4.10	N
6/18/1993	CB-2	11718	2.40	1.50	4.10	N
6/28/1993	CB-3	11466	-0.70	0.37	1.50	N
6/28/1993	CB-4	11724	0.77	0.88	2.70	N
6/28/1993	CW-1	11722	0.89	0.46	1.30	N
6/28/1993	CW-2	11723	1.32	0.97	2.90	N
6/18/1993	CW-3	11719	-1.50	3.20	1.10	N
6/28/1993	CW-4	11465	-0.30	2.10	7.10	N
6/18/1993	CW-5	11720	-0.30	3.00	1.00	N
6/18/1993	CW-6	11721	3.00	1.40	3.90	N