

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
39 DEEP WELL NEAR DIABASE DIKES	2/28/1994	1	K-40	3.58E+02	5.60E+01
39 DEEP WELL NEAR DIABASE DIKES	6/3/1994	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	8/10/1994	1	K-40	1.38E+02	9.70E+01
39 DEEP WELL NEAR DIABASE DIKES	11/22/1994	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	3/7/1995	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	6/2/1995	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	9/6/1995	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	11/28/1995	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	2/23/1996	1	K-40	6.77E+01	5.34E+01
39 DEEP WELL NEAR DIABASE DIKES	6/21/1996	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	9/24/1996	1	NO-ACT	<LLD	
39 DEEP WELL NEAR DIABASE DIKES	12/5/1996	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/25/1997	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/20/1997	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	8/28/1997	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	12/16/1997	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	3/5/1998	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	6/16/1998	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	9/3/1998	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/19/1998	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/17/1999	1	K-40	1.71E+02	5.29E+01
39 DEEP WELL NEAR DIABASE DIKES	6/11/1999	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	9/7/1999	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/23/1999	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/23/2000	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/23/2000	1	NO-ACT		

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Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
39 DEEP WELL NEAR DIABASE DIKES	8/23/2000	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/15/2000	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/21/2001	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/23/2001	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	8/29/2001	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/27/2001	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/26/2002	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/30/2002	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	8/29/2002	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/22/2002	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/13/2003	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/14/2003	1	K-40	1.32E+02	4.96E+01
39 DEEP WELL NEAR DIABASE DIKES	8/28/2003	1	K-40	1.56E+02	8.01E+01
39 DEEP WELL NEAR DIABASE DIKES	11/11/2003	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/19/2004	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/20/2004	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	8/12/2004	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/10/2004	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/16/2005	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/19/2005	1	PB-212	5.25E+00	4.19E+00
39 DEEP WELL NEAR DIABASE DIKES	8/24/2005	1	K-40	7.90E+01	7.70E+01
39 DEEP WELL NEAR DIABASE DIKES	11/16/2005	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	2/15/2006	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/18/2006	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	8/23/2006	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	11/14/2006	1	BI-214	4.95E+01	9.05E+00

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Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
39 DEEP WELL NEAR DIABASE DIKES	11/14/2006	1	PB-214	1.89E+01	8.03E+00
39 DEEP WELL NEAR DIABASE DIKES	11/14/2006	1	PB-212	8.29E+00	4.69E+00
39 DEEP WELL NEAR DIABASE DIKES	2/14/2007	1	NO-ACT		
39 DEEP WELL NEAR DIABASE DIKES	5/23/2007	1	PB-212	4.99E+00	4.07E+00
39 DEEP WELL NEAR DIABASE DIKES	5/23/2007	1	BI-214	2.78E+01	9.24E+00
39 DEEP WELL NEAR DIABASE DIKES	5/23/2007	1	PB-214	2.39E+01	8.51E+00
39 DEEP WELL NEAR DIABASE DIKES	8/15/2007	1	PB-212	4.80E+00	3.75E+00
39 DEEP WELL NEAR DIABASE DIKES	8/15/2007	1	BI-214	1.13E+01	6.41E+00
39 DEEP WELL NEAR DIABASE DIKES	11/8/2007	1	BI-214	1.67E+01	7.68E+00
39 DEEP WELL NEAR DIABASE DIKES	11/8/2007	1	PB-214	1.10E+01	5.90E+00
39 DEEP WELL NEAR DIABASE DIKES	12/13/2007	1	BI-214	8.19E+00	6.48E+00
39 DEEP WELL NEAR DIABASE DIKES	12/13/2007	1	PB-212	5.85E+00	3.71E+00
39 DEEP WELL NEAR DIABASE DIKES	2/19/2008	1	BI-214	2.01E+01	8.62E+00
39 DEEP WELL NEAR DIABASE DIKES	2/19/2008	1	PB-214	1.59E+01	6.43E+00
39 DEEP WELL NEAR DIABASE DIKES	2/19/2008	1	PB-212	7.70E+00	3.41E+00
39 DEEP WELL NEAR DIABASE DIKES	5/20/2008	1	BI-214	7.67E+00	5.91E+00
39 DEEP WELL NEAR DIABASE DIKES	8/19/2008	1	TL-208	7.31E+00	3.65E+00
39 DEEP WELL NEAR DIABASE DIKES	8/19/2008	1	PB-212	6.01E+00	4.98E+00
39 DEEP WELL NEAR DIABASE DIKES	8/19/2008	1	K-40	2.57E+02	6.09E+01
39 DEEP WELL NEAR DIABASE DIKES	8/19/2008	1	BI-214	1.78E+01	8.67E+00
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	2/28/1994	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	6/3/1994	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	8/10/1994	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/22/1994	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	3/7/1995	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	6/2/1995	1	K-40	1.09E+02	7.00E+01

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Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	9/6/1995	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/28/1995	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/28/1995	1	K-40	3.92E+02	7.50E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/28/1995	1	K-40	3.56E+02	8.00E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/28/1995	1	TL-208	5.07E+00	4.88E+00
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/28/1995	1	TL-208	5.07E+00	4.88E+00
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/28/1995	1	I-131	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	2/23/1996	1	K-40	2.77E+02	8.20E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	6/21/1996	1	NO-ACT	<LLD	
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	9/24/1996	1	PB-212	5.98E+00	5.59E+00
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	9/24/1996	1	K-40	3.26E+02	6.80E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	12/5/1996	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	2/25/1997	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	5/20/1997	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	8/28/1997	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	12/16/1997	1	K-40	2.53E+02	7.56E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	3/5/1998	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	6/16/1998	1	K-40	3.51E+02	7.71E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	9/3/1998	1	K-40	1.37E+02	5.89E+01
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/19/1998	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	2/17/1999	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	6/11/1999	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	9/7/1999	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	11/23/1999	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	2/23/2000	1	NO-ACT		
57 0.4 MI SSW SECTOR N BANK ESW INTAKE	5/23/2000	1	NO-ACT		

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57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/23/2000	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/15/2000	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/21/2001	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/23/2001	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/29/2001	1	K-40	6.84E+01 5.49E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/27/2001	1	K-40	1.70E+02 6.41E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/26/2002	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/30/2002	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/29/2002	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/22/2002	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/13/2003	1	K-40	9.76E+01 5.31E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/14/2003	1	K-40	6.96E+01 5.52E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/14/2003	1	TL-208	5.85E+00 3.43E+00
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/28/2003	1	PB-212	8.80E+00 3.34E+00
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/11/2003	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/19/2004	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/20/2004	1	PB-214	1.02E+01 8.77E+00
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/20/2004	1	BI-214	1.87E+01 9.60E+00
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/12/2004	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/10/2004	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/16/2005	1	K-40	2.97E+02 6.76E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/19/2005	1	K-40	9.57E+01 7.66E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/24/2005	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/16/2005	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/15/2006	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	5/18/2006	1	K-40	1.70E+02 8.02E+01

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Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	8/23/2006	1	NO-ACT	
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/14/2006	1	PB-214	2.46E+01 9.14E+00
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	11/14/2006	1	BI-214	3.54E+01 1.08E+01
57	0.4 MI SSW SECTOR N BANK ESW INTAKE	2/14/2007	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	2/28/1994	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	6/3/1994	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	8/10/1994	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	11/22/1994	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	3/7/1995	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	6/2/1995	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	9/6/1995	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	9/6/1995	1	RA-226	1.07E+02 7.10E+01
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	11/28/1995	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	11/28/1995	1	RA-226	9.96E+01 9.33E+01
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	2/23/1996	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	6/21/1996	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	9/24/1996	1	NO-ACT	<LLD
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	12/5/1996	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	2/25/1997	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	5/20/1997	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	8/28/1997	1	K-40	3.05E+02 6.62E+01
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	12/16/1997	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	3/5/1998	1	RA-226	7.36E+01 6.40E+01
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	6/16/1998	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	9/3/1998	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	11/19/1998	1	NO-ACT	

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58 0.5 MI WSW SECTOR N BANK ESW INTAKE	2/17/1999	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	6/11/1999	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	9/7/1999	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	11/23/1999	1	K-40	8.47E+01	6.66E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	2/23/2000	1	K-40	1.22E+02	9.04E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	5/23/2000	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/23/2000	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	11/15/2000	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	2/21/2001	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	6/4/2001	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/29/2001	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	11/27/2001	1	K-40	3.22E+02	7.54E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	2/27/2002	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	5/30/2002	1	K-40	6.44E+01	5.85E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/29/2002	1	K-40	3.36E+02	9.14E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	11/22/2002	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	2/13/2003	1	K-40	3.72E+02	7.98E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	5/14/2003	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/28/2003	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	11/11/2003	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	2/19/2004	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	5/20/2004	1	NO-ACT		
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/12/2004	1	K-40	1.14E+02	9.63E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/12/2004	1	RA-226	1.26E+02	9.00E+01
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	8/12/2004	1	TL-208	5.61E+00	3.44E+00
58 0.5 MI WSW SECTOR N BANK ESW INTAKE	11/10/2004	1	RA-226	6.53E+01	4.30E+01

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58	0.5 MI WSW SECTOR N BANK ESW INTAKE	2/16/2005	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	5/19/2005	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	8/24/2005	1	K-40	1.31E+02 8.74E+01
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	11/16/2005	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	2/15/2006	1	NO-ACT	
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	5/18/2006	1	BI-214	8.73E+00 7.99E+00
58	0.5 MI WSW SECTOR N BANK ESW INTAKE	5/18/2006	1	PB-214	9.99E+00 6.62E+00
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/28/1994	1	TL-208	3.51E+00 2.14E+00
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/28/1994	1	TL-208	2.65E+00 1.87E+00
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	6/3/1994	1	NO-ACT	<LLD
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/10/1994	1	NO-ACT	<LLD
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/22/1994	1	NO-ACT	<LLD
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	3/7/1995	1	K-40	9.06E+01 8.38E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	6/2/1995	1	K-40	3.92E+02 9.30E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	9/6/1995	1	K-40	3.78E+02 7.30E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/28/1995	1	K-40	3.48E+02 1.15E+02
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/23/1996	1	K-40	3.61E+02 9.80E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	6/21/1996	1	K-40	2.56E+02 8.00E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	9/24/1996	1	K-40	2.99E+02 6.00E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	12/5/1996	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/25/1997	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/20/1997	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/28/1997	1	K-40	3.12E+02 6.70E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	12/16/1997	1	K-40	3.77E+02 9.45E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	3/5/1998	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	6/16/1998	1	NO-ACT	

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Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	9/3/1998	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/19/1998	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/17/1999	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	6/11/1999	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	9/7/1999	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/23/1999	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/23/2000	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/23/2000	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/23/2000	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/15/2000	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/21/2001	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/23/2001	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/29/2001	1	K-40	2.47E+02 6.19E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/27/2001	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/26/2002	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/30/2002	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	9/9/2002	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/22/2002	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/13/2003	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/14/2003	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/28/2003	1	K-40	1.22E+02 4.64E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/11/2003	1	K-40	3.38E+02 8.30E+01
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/19/2004	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/20/2004	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/12/2004	1	NO-ACT	
59	0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/10/2004	1	PB-212	6.11E+00 3.51E+00

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/16/2005	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/19/2005	1	PB-212	7.56E+00	5.63E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/19/2005	1	K-40	1.36E+02	8.97E+01
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/24/2005	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/16/2005	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/15/2006	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/18/2006	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/23/2006	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/14/2006	1	PB-214	1.28E+01	7.28E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/14/2006	1	BI-214	2.98E+01	8.22E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/14/2007	1	PB-214	1.47E+01	6.59E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/23/2007	1	BI-214	2.19E+01	8.31E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/23/2007	1	PB-214	1.88E+01	8.35E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/15/2007	1	BI-214	1.68E+01	7.52E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/8/2007	1	PB-214	1.89E+01	5.80E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	11/8/2007	1	BI-214	3.84E+01	9.72E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	12/13/2007	1	NO-ACT		
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/19/2008	1	PB-214	3.19E+01	9.15E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	2/19/2008	1	BI-214	4.28E+01	1.10E+01
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	5/20/2008	1	PB-214	1.04E+01	8.03E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/19/2008	1	TH-234	6.19E+01	5.93E+01
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/19/2008	1	BI-214	2.42E+01	6.29E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/19/2008	1	PB-214	1.98E+01	7.30E+00
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/19/2008	1	K-40	1.60E+02	4.09E+01
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/19/2008	1	RA-226	9.87E+01	4.29E+01
59 0.5 MI NNE SECTOR (NEAR CONSTRUCTION RD)	8/19/2008	1	PB-212	4.28E+00	4.21E+00

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/28/1994	1	K-40	3.56E+02	5.80E+01
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/28/1994	1	K-40	3.20E+00	3.20E-01
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	6/3/1994	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	6/3/1994	1	I-131	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/10/1994	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/22/1994	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	3/7/1995	1	K-40	1.46E+02	6.10E+01
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	3/7/1995	1	K-40	4.66E+00	7.70E-01
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	6/2/1995	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	9/6/1995	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/28/1995	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/23/1996	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	6/21/1996	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	9/24/1996	1	NO-ACT	<LLD	
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	12/5/1996	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/25/1997	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/20/1997	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/28/1997	1	K-40	3.88E+02	7.46E+01
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	12/16/1997	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	3/5/1998	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	6/16/1998	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	9/3/1998	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/19/1998	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/17/1999	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	6/11/1999	1	NO-ACT		
60 0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	9/7/1999	1	NO-ACT		

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/23/1999	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/23/2000	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/23/2000	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/23/2000	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/15/2000	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/21/2001	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/23/2001	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/29/2001	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/27/2001	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/26/2002	1	RA-226	4.40E+01 3.63E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/30/2002	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/29/2002	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/22/2002	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/13/2003	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/14/2003	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/28/2003	1	K-40	1.56E+02 8.06E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/11/2003	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/19/2004	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/20/2004	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/12/2004	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/10/2004	1	PB-212	6.74E+00 4.37E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/10/2004	1	RA-226	5.71E+01 5.00E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/16/2005	1	NO-ACT	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/19/2005	1	K-40	1.26E+02 7.61E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/24/2005	1	K-40	1.42E+02 8.13E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/16/2005	1	PB-212	6.02E+00 5.53E+00

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/15/2006	1	K-40	9.11E+01	7.22E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/18/2006	1	BI-214	5.12E+01	1.04E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/18/2006	1	PB-214	1.89E+01	7.77E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/23/2006	1	BI-214	1.40E+01	9.71E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/14/2006	1	PB-214	1.31E+01	8.20E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/14/2006	1	PB-212	7.38E+00	4.14E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/14/2006	1	K-40	7.87E+01	7.53E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/14/2007	1	PB-214	1.59E+01	1.06E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/14/2007	1	BI-214	1.76E+01	1.06E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/23/2007	1	BI-214	7.43E+00	6.20E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/15/2007	1	NO-ACT		
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/8/2007	1	PB-214	3.54E+01	1.09E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	11/8/2007	1	BI-214	5.67E+01	1.36E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	12/13/2007	1	NO-ACT		
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/19/2008	1	BI-214	3.30E+01	9.52E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/19/2008	1	PB-212	5.55E+00	3.62E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	2/19/2008	1	PB-214	2.39E+01	7.74E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/20/2008	1	BI-214	5.97E+01	9.77E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	5/20/2008	1	PB-214	5.46E+01	8.38E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/19/2008	1	PB-212	9.56E+00	3.81E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/19/2008	1	K-40	1.48E+02	4.27E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/19/2008	1	PB-214	1.84E+01	5.83E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/19/2008	1	RA-226	1.26E+02	5.59E+01
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/19/2008	1	BI-214	2.16E+01	6.47E+00
60	0.5 MI ESE SECTOR W BANK OF THOMAS CREEK	8/19/2008	1	TH-234	6.28E+01	4.45E+01
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	5/23/2007	1	BI-214	1.16E+01	9.82E+00

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	8/15/2007	1	BI-214	7.79E+00	7.39E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	11/8/2007	1	BI-214	2.37E+01	9.47E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	11/8/2007	1	PB-214	1.33E+01	9.18E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	12/13/2007	1	TL-208	5.82E+00	3.40E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	2/19/2008	1	PB-212	7.26E+00	6.96E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	2/19/2008	1	PB-214	2.99E+01	1.02E+01
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	2/19/2008	1	BI-214	5.30E+01	1.36E+01
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	2/19/2008	1	TL-208	6.29E+00	5.25E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	5/20/2008	1	PB-212	5.74E+00	5.21E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	5/20/2008	1	BI-214	3.94E+01	1.23E+01
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	5/20/2008	1	PB-214	3.12E+01	9.93E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	8/19/2008	1	PB-214	2.50E+01	7.37E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	8/19/2008	1	BI-214	3.95E+01	8.34E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	8/19/2008	1	PB-212	9.53E+00	3.28E+00
68	W SECTOR 0.2 MI FROM SITE (N OF OLD STEAM GEN. ST	8/19/2008	1	K-40	1.35E+02	4.57E+01
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	5/23/2007	1	PB-212	3.93E+00	3.69E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	8/15/2007	1	BI-214	9.89E+00	6.48E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	8/15/2007	1	PB-214	7.58E+00	6.14E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	11/8/2007	1	PB-214	9.22E+00	4.92E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	11/8/2007	1	BI-214	1.49E+01	7.74E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	12/13/2007	1	BI-214	8.53E+00	6.15E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	2/19/2008	1	PB-214	9.73E+00	7.07E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	5/20/2008	1	PB-214	2.24E+01	8.06E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	5/20/2008	1	PB-212	8.28E+00	4.64E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	5/20/2008	1	K-40	4.43E+02	8.57E+01
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	5/20/2008	1	BI-214	1.82E+01	1.09E+01

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	8/19/2008	1	PB-212	6.94E+00	6.28E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	8/19/2008	1	BI-214	2.95E+01	8.31E+00
69	NNE SECTOR 0.2 MILES (LOCATED ON SOUTH SIDE OF	8/19/2008	1	K-40	3.22E+02	8.81E+01
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	5/23/2007	1	PB-212	9.37E+00	7.28E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/15/2007	1	BI-214	9.29E+00	8.47E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/15/2007	1	PB-212	5.41E+00	4.90E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/15/2007	1	TL-208	4.05E+00	3.31E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	11/8/2007	1	BI-214	1.61E+01	7.47E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	11/8/2007	1	PB-214	1.51E+01	5.75E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	11/8/2007	1	PB-212	4.99E+00	3.37E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	11/8/2007	1	TL-208	3.50E+00	3.09E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	12/13/2007	1	PB-212	6.56E+00	4.77E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	2/19/2008	1	PB-214	1.34E+01	5.66E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	2/19/2008	1	BI-214	9.73E+00	7.28E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	5/20/2008	1	PB-214	8.00E+00	7.00E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	5/20/2008	1	BI-214	1.44E+01	6.05E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/19/2008	1	BI-214	2.00E+01	8.22E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/19/2008	1	TL-208	4.31E+00	3.18E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/19/2008	1	K-40	3.00E+02	6.41E+01
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/19/2008	1	PB-212	9.79E+00	4.22E+00
70	E SECTOR 0.4 MILES FROM SITE, ON N SIDE OF PLANT E	8/19/2008	1	TH-234	1.18E+02	8.02E+01
71	SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	5/23/2007	1	TL-208	3.68E+00	2.81E+00
71	SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	5/23/2007	1	RA-226	7.68E+01	6.78E+01
71	SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/15/2007	1	RA-226	5.35E+01	5.00E+01
71	SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/15/2007	1	PB-214	8.00E+00	5.84E+00
71	SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	11/8/2007	1	NO-ACT		

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	12/13/2007	1	PB-212	8.90E+00	6.08E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	12/13/2007	1	BI-214	9.04E+00	7.49E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	2/19/2008	1	PB-212	4.60E+00	4.40E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	2/19/2008	1	BI-214	2.86E+01	8.78E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	5/20/2008	1	TH-234	2.00E+02	1.83E+02
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	TH-234	7.88E+01	5.28E+01
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	K-40	1.30E+02	4.60E+01
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	RA-226	1.18E+02	4.95E+01
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	PB-214	1.55E+01	7.07E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	BI-214	1.59E+01	6.83E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	TL-208	3.87E+00	2.56E+00
71 SE SECTOR 0.3 MILES FROM SITE LOCATED S OF SWITC	8/19/2008	1	PB-212	8.51E+00	3.49E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/23/2007	1	NO-ACT		
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	8/15/2007	1	NO-ACT		
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	11/8/2007	1	NO-ACT		
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	12/13/2007	1	BI-214	2.40E+01	1.05E+01
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	12/13/2007	1	PB-214	2.09E+01	1.03E+01
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	2/19/2008	1	PB-212	9.73E+00	6.11E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	2/19/2008	1	BI-212	2.34E+01	2.16E+01
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	2/19/2008	1	BI-214	2.41E+01	1.18E+01
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	2/19/2008	1	PB-214	1.33E+01	9.23E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/20/2008	1	PB-214	1.52E+01	8.67E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/20/2008	1	K-40	2.72E+02	8.42E+01
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/20/2008	1	RA-226	8.16E+01	6.43E+01
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/20/2008	1	TL-208	5.44E+00	4.19E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/20/2008	1	PB-212	1.26E+01	6.71E+00

HNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	5/20/2008	1	BI-214	2.06E+01	6.89E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	8/19/2008	1	BI-214	8.49E+00	7.61E+00
72 SE SECTOR 0.2 MILES FROM SITE, N OF INTAKE STRUC	8/19/2008	1	K-40	4.28E+02	8.14E+01