

ATTACHMENT 4

**REMP YEAR END REPORT FOR PALI FOR 2011
PALISADES REMP**

REMP Year End Report for PALI for 2011

Palisades REMP

10GR
AC

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
10GR(270927010) - AC	8-Jan-11	Iodine-131	1.64E-03	2.20E-02	3.68E-02	7.00E-02	2.20E-02	pCi/m3
10GR(271254010) - AC	15-Jan-11	Iodine-131	-3.67E-03	1.69E-02	2.72E-02	7.00E-02	1.69E-02	pCi/m3
10GR(271878010) - AC	22-Jan-11	Iodine-131	2.03E-02	3.33E-02	6.23E-02	7.00E-02	3.45E-02	pCi/m3
10GR(272189010) - AC	30-Jan-11	Iodine-131	7.18E-04	1.67E-02	2.79E-02	7.00E-02	1.67E-02	pCi/m3
10GR(273293010) - AC	6-Feb-11	Iodine-131	1.78E-02	3.89E-02	6.99E-02	7.00E-02	3.97E-02	pCi/m3
10GR(273298010) - AC	12-Feb-11	Iodine-131	2.70E-02	3.43E-02	6.03E-02	7.00E-02	3.64E-02	pCi/m3
10GR(273658010) - AC	18-Feb-11	Iodine-131	-6.54E-04	3.98E-02	6.57E-02	7.00E-02	3.98E-02	pCi/m3
10GR(273827010) - AC	25-Feb-11	Iodine-131	2.12E-02	2.32E-02	4.47E-02	7.00E-02	2.51E-02	pCi/m3
10GR(274649010) - AC	4-Mar-11	Iodine-131	-4.04E-03	3.12E-02	5.18E-02	7.00E-02	3.12E-02	pCi/m3
10GR(274652010) - AC	12-Mar-11	Iodine-131	-6.92E-03	1.60E-02	2.41E-02	7.00E-02	1.63E-02	pCi/m3
10GR(275139010) - AC	19-Mar-11	Iodine-131	1.21E-01	6.66E-02	4.98E-02	7.00E-02	6.66E-02	pCi/m3
10GR(275839010) - AC	27-Mar-11	Iodine-131	3.41E-02	3.55E-02	6.58E-02	7.00E-02	3.87E-02	pCi/m3
10GR(276257010) - AC	3-Apr-11	Iodine-131	1.23E-01	5.02E-02	5.78E-02	7.00E-02	5.03E-02	pCi/m3
10GR(276979010) - AC	9-Apr-11	Iodine-131	-1.90E-02	4.37E-02	6.88E-02	7.00E-02	4.46E-02	pCi/m3
10GR(277502010) - AC	17-Apr-11	Iodine-131	2.49E-02	2.97E-02	5.84E-02	7.00E-02	3.17E-02	pCi/m3
10GR(277503010) - AC	24-Apr-11	Iodine-131	-5.15E-02	4.65E-02	6.21E-02	7.00E-02	5.19E-02	pCi/m3
10GR(278337010) - AC	29-Apr-11	Iodine-131	-2.04E-03	3.56E-02	5.97E-02	7.00E-02	3.56E-02	pCi/m3
10GR(278917010) - AC	7-May-11	Iodine-131	-2.05E-02	2.80E-02	4.58E-02	7.00E-02	2.95E-02	pCi/m3
10GR(278920010) - AC	14-May-11	Iodine-131	-1.53E-02	1.73E-02	2.33E-02	7.00E-02	1.87E-02	pCi/m3
10GR(280314010) - AC	22-May-11	Iodine-131	-2.12E-02	3.79E-02	6.30E-02	7.00E-02	3.91E-02	pCi/m3
10GR(279908010) - AC	29-May-11	Iodine-131	1.50E-02	3.41E-02	5.96E-02	7.00E-02	3.48E-02	pCi/m3
10GR(280319010) - AC	4-Jun-11	Iodine-131	-2.32E-02	1.54E-02	2.10E-02	7.00E-02	1.87E-02	pCi/m3
10GR(280750010) - AC	11-Jun-11	Iodine-131	-5.93E-03	2.20E-02	3.48E-02	7.00E-02	2.22E-02	pCi/m3
10GR(280998010) - AC	17-Jun-11	Iodine-131	-4.03E-03	2.88E-02	4.77E-02	7.00E-02	2.89E-02	pCi/m3
10GR(281709010) - AC	23-Jun-11	Iodine-131	-2.26E-02	3.22E-02	5.04E-02	7.00E-02	3.37E-02	pCi/m3
10GR(282251010) - AC	1-Jul-11	Iodine-131	6.38E-03	2.07E-02	3.65E-02	7.00E-02	2.09E-02	pCi/m3
10GR(282722010) - AC	9-Jul-11	Iodine-131	-1.61E-02	2.96E-02	4.89E-02	7.00E-02	3.05E-02	pCi/m3
10GR(283103010) - AC	16-Jul-11	Iodine-131	2.17E-02	2.91E-02	5.58E-02	7.00E-02	3.07E-02	pCi/m3
10GR(283739010) - AC	24-Jul-11	Iodine-131	1.49E-02	1.64E-02	2.90E-02	7.00E-02	1.77E-02	pCi/m3
10GR(284412010) - AC	31-Jul-11	Iodine-131	-2.42E-04	3.08E-02	5.26E-02	7.00E-02	3.08E-02	pCi/m3
10GR(284494010) - AC	6-Aug-11	Iodine-131	-1.24E-02	3.63E-02	5.93E-02	7.00E-02	3.68E-02	pCi/m3
10GR(285030010) - AC	12-Aug-11	Iodine-131	-1.89E-02	3.71E-02	5.61E-02	7.00E-02	3.81E-02	pCi/m3
10GR(285633010) - AC	20-Aug-11	Iodine-131	1.72E-02	2.56E-02	4.62E-02	7.00E-02	2.68E-02	pCi/m3
10GR(285636010) - AC	28-Aug-11	Iodine-131	-1.05E-02	2.02E-02	3.26E-02	7.00E-02	2.07E-02	pCi/m3
10GR(286200010) - AC	3-Sep-11	Iodine-131	7.82E-04	2.49E-02	4.17E-02	7.00E-02	2.49E-02	pCi/m3
10GR(286808010) - AC	10-Sep-11	Iodine-131	9.93E-03	3.07E-02	5.33E-02	7.00E-02	3.10E-02	pCi/m3
10GR(287353010) - AC	17-Sep-11	Iodine-131	-1.07E-02	1.97E-02	3.07E-02	7.00E-02	2.02E-02	pCi/m3
10GR(287928010) - AC	24-Sep-11	Iodine-131	8.84E-03	2.09E-02	3.68E-02	7.00E-02	2.13E-02	pCi/m3
10GR(288261010) - AC	1-Oct-11	Iodine-131	-2.26E-03	1.29E-02	2.14E-02	7.00E-02	1.29E-02	pCi/m3
10GR(290107010) - AC	9-Oct-11	Iodine-131	3.19E-02	3.70E-02	6.66E-02	7.00E-02	3.97E-02	pCi/m3
10GR(290108010) - AC	17-Oct-11	Iodine-131	-5.97E-03	3.52E-02	5.82E-02	7.00E-02	3.53E-02	pCi/m3
10GR(290110010) - AC	23-Oct-11	Iodine-131	-5.95E-03	2.41E-02	3.85E-02	7.00E-02	2.42E-02	pCi/m3

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10GR(290461010) - AC	30-Oct-11	Iodine-131	5.45E-03	2.88E-02	4.93E-02	7.00E-02	2.89E-02	pCi/m3
10GR(290963010) - AC	5-Nov-11	Iodine-131	-8.31E-03	1.44E-02	2.36E-02	7.00E-02	1.49E-02	pCi/m3
10GR(291263010) - AC	12-Nov-11	Iodine-131	-7.57E-03	2.87E-02	4.76E-02	7.00E-02	2.89E-02	pCi/m3
10GR(291362010) - AC	19-Nov-11	Iodine-131	-4.77E-04	6.18E-03	1.06E-02	7.00E-02	6.18E-03	pCi/m3
10GR(291651010) - AC	25-Nov-11	Iodine-131	-5.91E-03	3.08E-02	5.07E-02	7.00E-02	3.09E-02	pCi/m3
10GR(292166010) - AC	2-Dec-11	Iodine-131	7.63E-03	1.24E-02	2.20E-02	7.00E-02	1.29E-02	pCi/m3
10GR(292718010) - AC	9-Dec-11	Iodine-131	1.25E-02	1.78E-02	3.09E-02	7.00E-02	1.87E-02	pCi/m3
10GR(293213010) - AC	17-Dec-11	Iodine-131	1.02E-02	2.96E-02	5.38E-02	7.00E-02	3.00E-02	pCi/m3
10GR(293669010) - AC	24-Dec-11	Iodine-131	7.33E-04	2.40E-02	4.07E-02	7.00E-02	2.40E-02	pCi/m3
10GR(294021010) - AC	31-Dec-11	Iodine-131	-7.57E-03	3.63E-02	pCi/m3		ND	7

10GR
AP

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
10GR(270927005) - AP	8-Jan-11	BETA	5.41E-02	5.71E-03	1.81E-03	1.00E-02	5.78E-03	pCi/m3
10GR(271254005) - AP	15-Jan-11	BETA	4.74E-02	5.63E-03	2.01E-03	1.00E-02	5.68E-03	pCi/m3
10GR(271878005) - AP	22-Jan-11	BETA	5.30E-02	5.95E-03	1.81E-03	1.00E-02	6.01E-03	pCi/m3
10GR(272189005) - AP	30-Jan-11	BETA	4.85E-02	5.42E-03	2.46E-03	1.00E-02	5.48E-03	pCi/m3
10GR(273293005) - AP	6-Feb-11	BETA	3.99E-02	5.59E-03	2.50E-03	1.00E-02	5.63E-03	pCi/m3
10GR(273298005) - AP	12-Feb-11	BETA	5.80E-02	6.90E-03	3.42E-03	1.00E-02	6.97E-03	pCi/m3
10GR(273658005) - AP	18-Feb-11	BETA	4.80E-02	6.38E-03	2.73E-03	1.00E-02	6.42E-03	pCi/m3
10GR(273827005) - AP	25-Feb-11	BETA	4.71E-02	5.34E-03	2.54E-03	1.00E-02	5.40E-03	pCi/m3
10GR(274649005) - AP	4-Mar-11	BETA	4.56E-02	6.05E-03	3.13E-03	1.00E-02	6.10E-03	pCi/m3
10GR(274652005) - AP	12-Mar-11	BETA	3.69E-02	4.58E-03	2.36E-03	1.00E-02	4.62E-03	pCi/m3
10GR(275139005) - AP	19-Mar-11	BETA	4.80E-02	5.71E-03	1.84E-03	1.00E-02	5.76E-03	pCi/m3
10GR(275839005) - AP	27-Mar-11	BETA	4.80E-02	5.29E-03	1.63E-03	1.00E-02	5.35E-03	pCi/m3
10GR(276257005) - AP	3-Apr-11	BETA	5.98E-02	7.09E-03	3.49E-03	1.00E-02	7.15E-03	pCi/m3
10GR(276979005) - AP	9-Apr-11	BETA	3.96E-02	5.52E-03	2.60E-03	1.00E-02	5.56E-03	pCi/m3
10GR(277502005) - AP	17-Apr-11	BETA	4.20E-02	5.08E-03	2.20E-03	1.00E-02	5.13E-03	pCi/m3
10GR(277503005) - AP	24-Apr-11	BETA	3.92E-02	6.07E-03	2.51E-03	1.00E-02	6.10E-03	pCi/m3
10GR(278337005) - AP	29-Apr-11	BETA	3.31E-02	5.37E-03	2.38E-03	1.00E-02	5.40E-03	pCi/m3
10GR(278917005) - AP	7-May-11	BETA	3.29E-02	4.16E-03	1.38E-03	1.00E-02	4.19E-03	pCi/m3
10GR(278920005) - AP	14-May-11	BETA	4.40E-02	6.14E-03	2.95E-03	1.00E-02	6.18E-03	pCi/m3
10GR(280314005) - AP	22-May-11	BETA	2.48E-02	3.73E-03	1.85E-03	1.00E-02	3.75E-03	pCi/m3
10GR(279908005) - AP	29-May-11	BETA	3.40E-02	5.75E-03	3.60E-03	1.00E-02	5.78E-03	pCi/m3
10GR(280319005) - AP	4-Jun-11	BETA	4.79E-02	6.04E-03	3.00E-03	1.00E-02	6.09E-03	pCi/m3
10GR(280750005) - AP	11-Jun-11	BETA	3.73E-02	5.43E-03	3.41E-03	1.00E-02	5.46E-03	pCi/m3
10GR(280998005) - AP	17-Jun-11	BETA	4.90E-02	7.22E-03	4.47E-03	1.00E-02	7.26E-03	pCi/m3
10GR(281709005) - AP	23-Jun-11	BETA	3.32E-02	5.20E-03	3.39E-03	1.00E-02	5.22E-03	pCi/m3
10GR(282251005) - AP	1-Jul-11	BETA	4.23E-02	5.24E-03	2.52E-03	1.00E-02	5.29E-03	pCi/m3
10GR(282722005) - AP	9-Jul-11	BETA	4.49E-02	5.36E-03	1.87E-03	1.00E-02	5.41E-03	pCi/m3
10GR(283103005) - AP	16-Jul-11	BETA	5.23E-02	6.20E-03	2.94E-03	1.00E-02	6.26E-03	pCi/m3
10GR(283739005) - AP	24-Jul-11	BETA	3.87E-02	4.97E-03	2.32E-03	1.00E-02	5.00E-03	pCi/m3
10GR(284412005) - AP	31-Jul-11	BETA	6.23E-02	8.38E-03	4.33E-03	1.00E-02	8.43E-03	pCi/m3
10GR(284494005) - AP	6-Aug-11	BETA	4.79E-02	7.55E-03	4.43E-03	1.00E-02	7.58E-03	pCi/m3

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10GR(285030005) - AP	12-Aug-11	BETA	3.83E-02	6.68E-03	4.23E-03	1.00E-02	6.70E-03	pCi/m3
10GR(285633005) - AP	20-Aug-11	BETA	3.76E-02	5.16E-03	2.77E-03	1.00E-02	5.19E-03	pCi/m3
10GR(285636005) - AP	28-Aug-11	BETA	3.76E-02	6.73E-03	4.43E-03	1.00E-02	6.75E-03	pCi/m3
10GR(286200005) - AP	3-Sep-11	BETA	4.59E-02	1.22E-02	4.83E-03	1.00E-02	1.22E-02	pCi/m3
10GR(286808005) - AP	10-Sep-11	BETA	3.78E-02	5.44E-03	2.07E-03	1.00E-02	5.49E-03	pCi/m3
10GR(287353005) - AP	17-Sep-11	BETA	3.44E-02	5.67E-03	2.43E-03	1.00E-02	5.71E-03	pCi/m3
10GR(287928005) - AP	24-Sep-11	BETA	5.13E-02	7.50E-03	2.76E-03	1.00E-02	7.57E-03	pCi/m3
10GR(288261005) - AP	1-Oct-11	BETA	3.82E-02	5.45E-03	1.96E-03	1.00E-02	5.50E-03	pCi/m3
10GR(290107005) - AP	9-Oct-11	BETA	9.96E-02	8.51E-03	1.93E-03	1.00E-02	8.75E-03	pCi/m3
10GR(290108005) - AP	17-Oct-11	BETA	2.45E-02	5.17E-03	2.68E-03	1.00E-02	5.19E-03	pCi/m3
10GR(290110005) - AP	23-Oct-11	BETA	3.47E-02	5.65E-03	2.34E-03	1.00E-02	5.69E-03	pCi/m3
10GR(290461005) - AP	30-Oct-11	BETA	4.23E-02	6.92E-03	4.02E-03	1.00E-02	6.97E-03	pCi/m3
10GR(290963005) - AP	5-Nov-11	BETA	6.18E-02	7.65E-03	2.37E-03	1.00E-02	7.76E-03	pCi/m3
10GR(291263005) - AP	12-Nov-11	BETA	7.30E-02	8.59E-03	2.53E-03	1.00E-02	8.71E-03	pCi/m3
10GR(291362005) - AP	19-Nov-11	BETA	5.43E-02	7.15E-03	2.35E-03	1.00E-02	7.24E-03	pCi/m3
10GR(291651005) - AP	25-Nov-11	BETA	5.70E-02	9.03E-03	4.24E-03	1.00E-02	9.10E-03	pCi/m3
10GR(292166005) - AP	2-Dec-11	BETA	3.90E-02	5.86E-03	2.35E-03	1.00E-02	5.91E-03	pCi/m3
10GR(292718005) - AP	9-Dec-11	BETA	5.61E-02	7.36E-03	2.57E-03	1.00E-02	7.45E-03	pCi/m3
10GR(293213005) - AP	17-Dec-11	BETA	5.80E-02	6.59E-03	2.30E-03	1.00E-02	6.69E-03	pCi/m3
10GR(293669005) - AP	24-Dec-11	BETA	4.06E-02	7.74E-03	4.23E-03	1.00E-02	7.78E-03	pCi/m3
10GR(294021005) - AC	31-Dec-11	BETA	4.41E-02	2.30E-03	pCi/m3		0.0441	7
10GR(277012005) - AP	5-Feb-11	Beryllium-7	9.72E-02	2.75E-02	2.65E-02		2.75E-02	pCi/m3
10GR(282806005) - AP	7-May-11	Beryllium-7	1.16E-01	2.70E-02	1.91E-02		2.71E-02	pCi/m3
10GR(289421005) - AP	5-Aug-11	Beryllium-7	1.36E-01	2.88E-02	1.65E-02		2.89E-02	pCi/m3
10GR(294926005) - AP	6-Nov-11	Beryllium-7	7.30E-02	1.36E-02	6.02E-03		1.36E-02	pCi/m3
10GR(277012005) - AP	5-Feb-11	Cesium-134	-2.49E-04	5.54E-04	8.67E-04	5.00E-02	5.65E-04	pCi/m3
10GR(282806005) - AP	7-May-11	Cesium-134	5.38E-04	5.68E-04	1.03E-03	5.00E-02	6.18E-04	pCi/m3
10GR(289421005) - AP	5-Aug-11	Cesium-134	3.65E-05	5.39E-04	9.09E-04	5.00E-02	5.40E-04	pCi/m3
10GR(294926005) - AP	6-Nov-11	Cesium-134	-2.76E-05	2.41E-04	3.89E-04	5.00E-02	2.42E-04	pCi/m3
10GR(277012005) - AP	5-Feb-11	Cesium-137	5.93E-04	5.05E-04	9.55E-04	6.00E-02	5.72E-04	pCi/m3
10GR(282806005) - AP	7-May-11	Cesium-137	4.41E-04	4.21E-04	7.73E-04	6.00E-02	4.66E-04	pCi/m3
10GR(289421005) - AP	5-Aug-11	Cesium-137	2.59E-04	3.66E-04	7.06E-04	6.00E-02	3.84E-04	pCi/m3
10GR(294926005) - AP	6-Nov-11	Cesium-137	9.90E-05	1.82E-04	3.26E-04	6.00E-02	1.87E-04	pCi/m3

4JS

AC

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
4JS(270295008) - AC	7-Jan-11	Iodine-131	2.24E-02	1.88E-02	4.16E-02	7.00E-02	1.88E-02	pCi/m3
4JS(270927008) - AC	13-Jan-11	Iodine-131	1.40E-03	8.61E-03	1.47E-02	7.00E-02	8.61E-03	pCi/m3
4JS(271254008) - AC	20-Jan-11	Iodine-131	1.90E-03	1.92E-02	3.22E-02	7.00E-02	1.92E-02	pCi/m3
4JS(271878008) - AC	28-Jan-11	Iodine-131	-2.24E-02	3.87E-02	5.59E-02	7.00E-02	4.00E-02	pCi/m3
4JS(272189008) - AC	4-Feb-11	Iodine-131	-4.97E-03	1.10E-02	1.75E-02	7.00E-02	1.12E-02	pCi/m3
4JS(273293008) - AC	11-Feb-11	Iodine-131	-4.73E-03	3.85E-02	6.10E-02	7.00E-02	3.86E-02	pCi/m3
4JS(273298008) - AC	18-Feb-11	Iodine-131	-1.80E-02	2.22E-02	3.29E-02	7.00E-02	2.36E-02	pCi/m3
4JS(273658008) - AC	25-Feb-11	Iodine-131	5.17E-03	2.14E-02	3.69E-02	7.00E-02	2.16E-02	pCi/m3

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4JS(273827008) - AC	3-Mar-11	Iodine-131	-5.42E-03	1.17E-02	1.83E-02	7.00E-02	1.20E-02	pCi/m3
4JS(274649008) - AC	10-Mar-11	Iodine-131	-5.84E-03	1.76E-02	2.82E-02	7.00E-02	1.78E-02	pCi/m3
4JS(274652008) - AC	18-Mar-11	Iodine-131	-4.42E-03	1.39E-02	2.27E-02	7.00E-02	1.41E-02	pCi/m3
4JS(275139008) - AC	25-Mar-11	Iodine-131	1.12E-01	5.71E-02	4.65E-02	7.00E-02	5.71E-02	pCi/m3
4JS(275839008) - AC	2-Apr-11	Iodine-131	7.78E-02	2.71E-02	2.21E-02	7.00E-02	2.71E-02	pCi/m3
4JS(276257008) - AC	8-Apr-11	Iodine-131	2.94E-02	2.84E-02	5.75E-02	7.00E-02	3.14E-02	pCi/m3
4JS(276979008) - AC	14-Apr-11	Iodine-131	3.46E-03	2.64E-02	4.51E-02	7.00E-02	2.64E-02	pCi/m3
4JS(277502008) - AC	21-Apr-11	Iodine-131	-3.14E-03	2.73E-02	4.56E-02	7.00E-02	2.74E-02	pCi/m3
4JS(277503008) - AC	28-Apr-11	Iodine-131	5.84E-03	1.68E-02	3.16E-02	7.00E-02	1.70E-02	pCi/m3
4JS(278337006) - AC	6-May-11	Iodine-131	2.66E-03	1.37E-02	2.38E-02	7.00E-02	1.37E-02	pCi/m3
4JS(278917006) - AC	12-May-11	Iodine-131	-1.89E-03	1.76E-02	2.97E-02	7.00E-02	1.76E-02	pCi/m3
4JS(278920006) - AC	19-May-11	Iodine-131	-6.55E-04	1.09E-02	1.84E-02	7.00E-02	1.09E-02	pCi/m3
4JS(280314008) - AC	27-May-11	Iodine-131	1.11E-02	3.62E-02	6.24E-02	7.00E-02	3.65E-02	pCi/m3
4JS(279908008) - AC	3-Jun-11	Iodine-131	7.24E-03	1.87E-02	3.36E-02	7.00E-02	1.89E-02	pCi/m3
4JS(280319008) - AC	9-Jun-11	Iodine-131	5.43E-03	1.24E-02	2.17E-02	7.00E-02	1.26E-02	pCi/m3
4JS(280750008) - AC	17-Jun-11	Iodine-131	3.31E-03	1.23E-02	2.18E-02	7.00E-02	1.24E-02	pCi/m3
4JS(280998008) - AC	24-Jun-11	Iodine-131	-5.44E-03	8.46E-03	1.24E-02	7.00E-02	8.81E-03	pCi/m3
4JS(281709008) - AC	1-Jul-11	Iodine-131	8.27E-03	1.07E-02	2.05E-02	7.00E-02	1.13E-02	pCi/m3
4JS(282251008) - AC	8-Jul-11	Iodine-131	-1.21E-03	1.18E-02	2.00E-02	7.00E-02	1.18E-02	pCi/m3
4JS(282722008) - AC	15-Jul-11	Iodine-131	-1.64E-02	4.30E-02	6.85E-02	7.00E-02	4.36E-02	pCi/m3
4JS(283103008) - AC	23-Jul-11	Iodine-131	3.42E-04	2.08E-02	3.58E-02	7.00E-02	2.08E-02	pCi/m3
4JS(283739008) - AC	29-Jul-11	Iodine-131	-1.40E-03	1.79E-02	3.06E-02	7.00E-02	1.79E-02	pCi/m3
4JS(284412008) - AC	4-Aug-11	Iodine-131	-1.59E-02	1.90E-02	2.81E-02	7.00E-02	2.03E-02	pCi/m3
4JS(284494008) - AC	12-Aug-11	Iodine-131	-9.34E-04	1.78E-02	3.00E-02	7.00E-02	1.78E-02	pCi/m3
4JS(285030008) - AC	19-Aug-11	Iodine-131	-2.23E-03	2.61E-02	4.40E-02	7.00E-02	2.61E-02	pCi/m3
4JS(285633008) - AC	26-Aug-11	Iodine-131	9.68E-03	1.98E-02	3.43E-02	7.00E-02	2.03E-02	pCi/m3
4JS(285636008) - AC	2-Sep-11	Iodine-131	2.98E-03	1.33E-02	2.33E-02	7.00E-02	1.34E-02	pCi/m3
4JS(286200008) - AC	9-Sep-11	Iodine-131	7.24E-03	1.25E-02	2.25E-02	7.00E-02	1.29E-02	pCi/m3
4JS(286808008) - AC	15-Sep-11	Iodine-131	2.63E-03	1.69E-02	2.96E-02	7.00E-02	1.70E-02	pCi/m3
4JS(287353008) - AC	23-Sep-11	Iodine-131	-1.15E-02	1.12E-02	1.59E-02	7.00E-02	1.23E-02	pCi/m3
4JS(287928008) - AC	30-Sep-11	Iodine-131	1.01E-04	1.04E-02	1.74E-02	7.00E-02	1.04E-02	pCi/m3
4JS(288261008) - AC	7-Oct-11	Iodine-131	4.41E-03	1.01E-02	1.82E-02	7.00E-02	1.03E-02	pCi/m3
4JS(290107008) - AC	14-Oct-11	Iodine-131	-1.89E-02	4.34E-02	6.87E-02	7.00E-02	4.43E-02	pCi/m3
4JS(290108008) - AC	21-Oct-11	Iodine-131	2.62E-03	1.91E-02	3.23E-02	7.00E-02	1.91E-02	pCi/m3
4JS(290110008) - AC	28-Oct-11	Iodine-131	-1.20E-03	1.31E-02	2.16E-02	7.00E-02	1.31E-02	pCi/m3
4JS(290461008) - AC	4-Nov-11	Iodine-131	-6.98E-03	1.22E-02	1.94E-02	7.00E-02	1.26E-02	pCi/m3
4JS(290963008) - AC	11-Nov-11	Iodine-131	-6.26E-04	1.46E-02	2.45E-02	7.00E-02	1.46E-02	pCi/m3
4JS(291263008) - AC	17-Nov-11	Iodine-131	-3.71E-04	1.76E-02	3.04E-02	7.00E-02	1.76E-02	pCi/m3
4JS(291362008) - AC	25-Nov-11	Iodine-131	1.44E-03	5.09E-03	7.23E-03	7.00E-02	5.13E-03	pCi/m3
4JS(291651008) - AC	2-Dec-11	Iodine-131	2.78E-03	1.07E-02	1.87E-02	7.00E-02	1.07E-02	pCi/m3
4JS(292166008) - AC	9-Dec-11	Iodine-131	4.29E-03	2.55E-02	4.42E-02	7.00E-02	2.55E-02	pCi/m3
4JS(292718008) - AC	16-Dec-11	Iodine-131	4.09E-02	4.20E-02	7.40E-02	7.00E-02	4.59E-02	pCi/m3
4JS(293213008) - AC	23-Dec-11	Iodine-131	-8.70E-04	1.49E-02	2.52E-02	7.00E-02	1.49E-02	pCi/m3
4JS(293669008) - AC	30-Dec-11	Iodine-131	2.31E-04	4.71E-03	8.09E-03	7.00E-02	4.72E-03	pCi/m3

REMP Year End Report for PALI for 2011

Palisades REMP

4JS
AP

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
4JS(270295003) - AP	7-Jan-11	BETA	6.08E-02	6.32E-03	1.89E-03	1.00E-02	6.39E-03	pCi/m3
4JS(270927003) - AP	13-Jan-11	BETA	4.95E-02	5.50E-03	1.93E-03	1.00E-02	5.56E-03	pCi/m3
4JS(271254003) - AP	20-Jan-11	BETA	5.38E-02	5.42E-03	1.74E-03	1.00E-02	5.49E-03	pCi/m3
4JS(271878003) - AP	28-Jan-11	BETA	5.42E-02	5.65E-03	1.76E-03	1.00E-02	5.72E-03	pCi/m3
4JS(272189003) - AP	4-Feb-11	BETA	4.64E-02	5.14E-03	2.34E-03	1.00E-02	5.20E-03	pCi/m3
4JS(273293003) - AP	11-Feb-11	BETA	4.55E-02	5.08E-03	1.74E-03	1.00E-02	5.14E-03	pCi/m3
4JS(273298003) - AP	18-Feb-11	BETA	3.26E-02	4.10E-03	2.01E-03	1.00E-02	4.13E-03	pCi/m3
4JS(273658003) - AP	25-Feb-11	BETA	4.84E-02	5.78E-03	2.09E-03	1.00E-02	5.83E-03	pCi/m3
4JS(273827003) - AP	3-Mar-11	BETA	4.25E-02	5.08E-03	2.40E-03	1.00E-02	5.12E-03	pCi/m3
4JS(274649003) - AP	10-Mar-11	BETA	3.70E-02	4.73E-03	2.37E-03	1.00E-02	4.77E-03	pCi/m3
4JS(274652003) - AP	18-Mar-11	BETA	4.49E-02	5.18E-03	2.39E-03	1.00E-02	5.23E-03	pCi/m3
4JS(275139003) - AP	25-Mar-11	BETA	4.55E-02	4.89E-03	2.04E-03	1.00E-02	4.94E-03	pCi/m3
4JS(275839003) - AP	2-Apr-11	BETA	5.45E-02	5.56E-03	2.20E-03	1.00E-02	5.63E-03	pCi/m3
4JS(276257003) - AP	8-Apr-11	BETA	4.76E-02	6.05E-03	2.56E-03	1.00E-02	6.10E-03	pCi/m3
4JS(276979003) - AP	14-Apr-11	BETA	3.99E-02	4.86E-03	1.70E-03	1.00E-02	4.90E-03	pCi/m3
4JS(277502003) - AP	21-Apr-11	BETA	3.12E-02	4.40E-03	1.68E-03	1.00E-02	4.43E-03	pCi/m3
4JS(277503003) - AP	28-Apr-11	BETA	3.24E-02	4.42E-03	2.24E-03	1.00E-02	4.45E-03	pCi/m3
4JS(278337001) - AP	6-May-11	BETA	3.38E-02	4.70E-03	2.52E-03	1.00E-02	4.73E-03	pCi/m3
4JS(278917001) - AP	12-May-11	BETA	3.80E-02	4.86E-03	2.22E-03	1.00E-02	4.90E-03	pCi/m3
4JS(278920001) - AP	19-May-11	BETA	2.87E-02	4.32E-03	2.48E-03	1.00E-02	4.34E-03	pCi/m3
4JS(280314003) - AP	27-May-11	BETA	2.50E-02	3.84E-03	2.25E-03	1.00E-02	3.86E-03	pCi/m3
4JS(279908003) - AP	3-Jun-11	BETA	4.36E-02	5.78E-03	2.92E-03	1.00E-02	5.82E-03	pCi/m3
4JS(280319003) - AP	9-Jun-11	BETA	4.58E-02	5.34E-03	2.24E-03	1.00E-02	5.39E-03	pCi/m3
4JS(280750003) - AP	17-Jun-11	BETA	3.69E-02	4.91E-03	2.42E-03	1.00E-02	4.94E-03	pCi/m3
4JS(280998003) - AP	24-Jun-11	BETA	3.47E-02	5.02E-03	2.69E-03	1.00E-02	5.05E-03	pCi/m3
4JS(281709003) - AP	1-Jul-11	BETA	3.61E-02	4.39E-03	1.98E-03	1.00E-02	4.43E-03	pCi/m3
4JS(282251003) - AP	8-Jul-11	BETA	4.43E-02	5.25E-03	2.07E-03	1.00E-02	5.30E-03	pCi/m3
4JS(282722003) - AP	15-Jul-11	BETA	4.48E-02	5.38E-03	2.58E-03	1.00E-02	5.43E-03	pCi/m3
4JS(283103003) - AP	23-Jul-11	BETA	4.70E-02	5.51E-03	2.38E-03	1.00E-02	5.56E-03	pCi/m3
4JS(283739003) - AP	29-Jul-11	BETA	5.01E-02	6.40E-03	3.40E-03	1.00E-02	6.45E-03	pCi/m3
4JS(284412003) - AP	4-Aug-11	BETA	5.25E-02	6.67E-03	3.28E-03	1.00E-02	6.71E-03	pCi/m3
4JS(284494003) - AP	12-Aug-11	BETA	6.04E-02	8.55E-03	4.61E-03	1.00E-02	8.59E-03	pCi/m3
4JS(285030003) - AP	19-Aug-11	BETA	5.29E-02	7.34E-03	3.89E-03	1.00E-02	7.37E-03	pCi/m3
4JS(285633003) - AP	26-Aug-11	BETA	5.27E-02	6.92E-03	3.58E-03	1.00E-02	6.96E-03	pCi/m3
4JS(285636003) - AP	2-Sep-11	BETA	5.83E-02	6.56E-03	2.98E-03	1.00E-02	6.61E-03	pCi/m3
4JS(286200003) - AP	9-Sep-11	BETA	6.18E-02	1.34E-02	4.39E-03	1.00E-02	1.34E-02	pCi/m3
4JS(286808003) - AP	15-Sep-11	BETA	2.68E-02	8.08E-03	3.57E-03	1.00E-02	8.10E-03	pCi/m3
4JS(287353003) - AP	23-Sep-11	BETA	4.47E-02	5.97E-03	2.12E-03	1.00E-02	6.04E-03	pCi/m3
4JS(287928003) - AP	30-Sep-11	BETA	3.59E-02	5.01E-03	1.77E-03	1.00E-02	5.07E-03	pCi/m3
4JS(288261003) - AP	7-Oct-11	BETA	8.69E-02	8.56E-03	2.18E-03	1.00E-02	8.74E-03	pCi/m3
4JS(290107003) - AP	14-Oct-11	BETA	6.88E-02	7.87E-03	2.36E-03	1.00E-02	7.99E-03	pCi/m3
4JS(290108003) - AP	21-Oct-11	BETA	3.27E-02	5.14E-03	2.06E-03	1.00E-02	5.18E-03	pCi/m3

REMP Year End Report for PALI for 2011 **Palisades REMP**

4JS(290110003) - AP	28-Oct-11	BETA	4.21E-02	5.74E-03	2.03E-03	1.00E-02	5.80E-03	pCi/m3
4JS(290461003) - AP	4-Nov-11	BETA	5.52E-02	6.37E-03	2.76E-03	1.00E-02	6.47E-03	pCi/m3
4JS(290963003) - AP	11-Nov-11	BETA	5.71E-02	7.55E-03	2.48E-03	1.00E-02	7.64E-03	pCi/m3
4JS(291263003) - AP	17-Nov-11	BETA	5.31E-02	6.70E-03	2.11E-03	1.00E-02	6.79E-03	pCi/m3
4JS(291362003) - AP	25-Nov-11	BETA	4.49E-02	6.16E-03	2.10E-03	1.00E-02	6.22E-03	pCi/m3
4JS(291651003) - AP	2-Dec-11	BETA	4.21E-02	6.15E-03	2.70E-03	1.00E-02	6.21E-03	pCi/m3
4JS(292166003) - AP	9-Dec-11	BETA	5.63E-02	6.89E-03	2.29E-03	1.00E-02	6.98E-03	pCi/m3
4JS(292718003) - AP	16-Dec-11	BETA	1.24E-01	2.85E-02	1.62E-02	1.00E-02	2.86E-02	pCi/m3
4JS(293213003) - AP	23-Dec-11	BETA	4.90E-02	5.94E-03	2.20E-03	1.00E-02	6.03E-03	pCi/m3
4JS(293669003) - AP	30-Dec-11	BETA	4.35E-02	5.98E-03	2.48E-03	1.00E-02	6.04E-03	pCi/m3
4JS(277012003) - AP	11-Feb-11	Beryllium-7	1.22E-01	3.34E-02	2.13E-02		3.35E-02	pCi/m3
4JS(282806003) - AP	13-May-11	Beryllium-7	1.15E-01	2.13E-02	1.61E-02		2.14E-02	pCi/m3
4JS(289421003) - AP	12-Aug-11	Beryllium-7	1.27E-01	3.35E-02	2.26E-02		3.36E-02	pCi/m3
4JS(294926003) - AP	11-Nov-11	Beryllium-7	5.35E-02	1.02E-02	6.03E-03		1.03E-02	pCi/m3
4JS(277012003) - AP	11-Feb-11	Cesium-134	4.05E-05	4.92E-04	8.28E-04	5.00E-02	4.93E-04	pCi/m3
4JS(282806003) - AP	13-May-11	Cesium-134	2.17E-04	4.89E-04	7.77E-04	5.00E-02	4.99E-04	pCi/m3
4JS(289421003) - AP	12-Aug-11	Cesium-134	-2.04E-05	6.18E-04	1.02E-03	5.00E-02	6.18E-04	pCi/m3
4JS(294926003) - AP	11-Nov-11	Cesium-134	5.99E-05	1.88E-04	3.33E-04	5.00E-02	1.90E-04	pCi/m3
4JS(277012003) - AP	11-Feb-11	Cesium-137	6.50E-05	4.84E-04	8.24E-04	6.00E-02	4.85E-04	pCi/m3
4JS(282806003) - AP	13-May-11	Cesium-137	7.25E-04	4.21E-04	7.71E-04	6.00E-02	5.33E-04	pCi/m3
4JS(289421003) - AP	12-Aug-11	Cesium-137	1.23E-04	4.92E-04	8.61E-04	6.00E-02	4.95E-04	pCi/m3
4JS(294926003) - AP	11-Nov-11	Cesium-137	1.14E-05	1.67E-04	2.84E-04	6.00E-02	1.67E-04	pCi/m3

5PR
AC

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
5PR(270295009) - AC	7-Jan-11	Iodine-131	-7.92E-03	2.14E-02	3.09E-02	7.00E-02	2.14E-02	pCi/m3
5PR(270927009) - AC	13-Jan-11	Iodine-131	-4.01E-03	1.88E-02	3.07E-02	7.00E-02	1.88E-02	pCi/m3
5PR(271254009) - AC	20-Jan-11	Iodine-131	-2.11E-02	2.46E-02	3.40E-02	7.00E-02	2.46E-02	pCi/m3
5PR(271878009) - AC	28-Jan-11	Iodine-131	-2.20E-02	3.72E-02	4.79E-02	7.00E-02	3.85E-02	pCi/m3
5PR(272189009) - AC	4-Feb-11	Iodine-131	-1.49E-02	1.93E-02	2.86E-02	7.00E-02	2.04E-02	pCi/m3
5PR(273293009) - AC	11-Feb-11	Iodine-131	3.96E-03	3.51E-02	6.01E-02	7.00E-02	3.51E-02	pCi/m3
5PR(273298009) - AC	18-Feb-11	Iodine-131	-6.06E-03	1.96E-02	3.16E-02	7.00E-02	1.97E-02	pCi/m3
5PR(273658009) - AC	25-Feb-11	Iodine-131	3.45E-03	2.13E-02	3.73E-02	7.00E-02	2.14E-02	pCi/m3
5PR(273827009) - AC	3-Mar-11	Iodine-131	-4.33E-03	1.33E-02	2.14E-02	7.00E-02	1.34E-02	pCi/m3
5PR(274649009) - AC	10-Mar-11	Iodine-131	-5.14E-03	1.44E-02	2.39E-02	7.00E-02	1.46E-02	pCi/m3
5PR(274652009) - AC	18-Mar-11	Iodine-131	1.63E-02	1.70E-02	3.19E-02	7.00E-02	1.85E-02	pCi/m3
5PR(275139009) - AC	25-Mar-11	Iodine-131	7.20E-02	3.86E-02	4.25E-02	7.00E-02	3.87E-02	pCi/m3
5PR(275839009) - AC	2-Apr-11	Iodine-131	7.00E-02	4.19E-02	3.94E-02	7.00E-02	4.20E-02	pCi/m3
5PR(276257009) - AC	8-Apr-11	Iodine-131	4.82E-02	3.25E-02	4.27E-02	7.00E-02	3.25E-02	pCi/m3
5PR(276979009) - AC	14-Apr-11	Iodine-131	1.59E-02	3.18E-02	5.65E-02	7.00E-02	3.26E-02	pCi/m3
5PR(277502009) - AC	21-Apr-11	Iodine-131	4.46E-03	3.08E-02	5.48E-02	7.00E-02	3.09E-02	pCi/m3
5PR(277503009) - AC	28-Apr-11	Iodine-131	9.27E-03	2.20E-02	4.14E-02	7.00E-02	2.24E-02	pCi/m3
5PR(278337007) - AC	6-May-11	Iodine-131	-2.77E-03	2.33E-02	3.90E-02	7.00E-02	2.33E-02	pCi/m3
5PR(278917007) - AC	12-May-11	Iodine-131	-1.90E-03	2.35E-02	3.92E-02	7.00E-02	2.36E-02	pCi/m3

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5PR(278920007) - AC	19-May-11	Iodine-131	3.51E-03	9.85E-03	1.76E-02	7.00E-02	9.97E-03	pCi/m3
5PR(280314009) - AC	27-May-11	Iodine-131	6.42E-03	3.56E-02	6.21E-02	7.00E-02	3.57E-02	pCi/m3
5PR(279908009) - AC	3-Jun-11	Iodine-131	2.45E-02	2.37E-02	4.50E-02	7.00E-02	2.61E-02	pCi/m3
5PR(280319009) - AC	9-Jun-11	Iodine-131	2.23E-03	1.50E-02	2.57E-02	7.00E-02	1.50E-02	pCi/m3
5PR(280750009) - AC	17-Jun-11	Iodine-131	-5.58E-03	1.37E-02	2.27E-02	7.00E-02	1.39E-02	pCi/m3
5PR(280998009) - AC	24-Jun-11	Iodine-131	-1.39E-02	1.36E-02	1.86E-02	7.00E-02	1.50E-02	pCi/m3
5PR(281709009) - AC	1-Jul-11	Iodine-131	1.42E-02	1.67E-02	3.20E-02	7.00E-02	1.79E-02	pCi/m3
5PR(282251009) - AC	8-Jul-11	Iodine-131	5.11E-03	2.08E-02	3.65E-02	7.00E-02	2.10E-02	pCi/m3
5PR(282722009) - AC	15-Jul-11	Iodine-131	-3.64E-03	2.66E-02	4.32E-02	7.00E-02	2.66E-02	pCi/m3
5PR(283103009) - AC	23-Jul-11	Iodine-131	2.21E-03	2.65E-02	4.51E-02	7.00E-02	2.66E-02	pCi/m3
5PR(283739009) - AC	29-Jul-11	Iodine-131	-2.38E-02	2.73E-02	4.01E-02	7.00E-02	2.94E-02	pCi/m3
5PR(284412009) - AC	4-Aug-11	Iodine-131	2.32E-02	2.62E-02	4.84E-02	7.00E-02	2.82E-02	pCi/m3
5PR(284494009) - AC	12-Aug-11	Iodine-131	-2.89E-03	3.30E-02	5.48E-02	7.00E-02	3.30E-02	pCi/m3
5PR(285030009) - AC	19-Aug-11	Iodine-131	-1.21E-02	2.58E-02	4.04E-02	7.00E-02	2.64E-02	pCi/m3
5PR(285633009) - AC	26-Aug-11	Iodine-131	1.04E-02	2.86E-02	4.93E-02	7.00E-02	2.90E-02	pCi/m3
5PR(285636009) - AC	2-Sep-11	Iodine-131	-9.85E-03	1.44E-02	2.28E-02	7.00E-02	1.51E-02	pCi/m3
5PR(286200009) - AC	9-Sep-11	Iodine-131	1.67E-02	1.91E-02	3.50E-02	7.00E-02	2.06E-02	pCi/m3
5PR(286808009) - AC	15-Sep-11	Iodine-131	3.28E-02	2.81E-02	5.16E-02	7.00E-02	3.17E-02	pCi/m3
5PR(287353009) - AC	23-Sep-11	Iodine-131	6.22E-03	1.28E-02	2.25E-02	7.00E-02	1.31E-02	pCi/m3
5PR(287928009) - AC	30-Sep-11	Iodine-131	2.60E-03	2.29E-02	3.88E-02	7.00E-02	2.29E-02	pCi/m3
5PR(288261009) - AC	7-Oct-11	Iodine-131	-3.92E-03	1.11E-02	1.77E-02	7.00E-02	1.13E-02	pCi/m3
5PR(290107009) - AC	14-Oct-11	Iodine-131	-4.53E-02	4.98E-02	6.30E-02	7.00E-02	5.38E-02	pCi/m3
5PR(290108009) - AC	21-Oct-11	Iodine-131	6.04E-02	3.77E-02	6.90E-02	7.00E-02	4.65E-02	pCi/m3
5PR(290110009) - AC	28-Oct-11	Iodine-131	8.98E-03	2.07E-02	3.69E-02	7.00E-02	2.11E-02	pCi/m3
5PR(290461009) - AC	4-Nov-11	Iodine-131	5.14E-03	2.08E-02	3.61E-02	7.00E-02	2.10E-02	pCi/m3
5PR(290963009) - AC	11-Nov-11	Iodine-131	-1.06E-02	1.60E-02	2.63E-02	7.00E-02	1.67E-02	pCi/m3
5PR(291263009) - AC	17-Nov-11	Iodine-131	1.20E-02	3.00E-02	5.49E-02	7.00E-02	3.04E-02	pCi/m3
5PR(291362009) - AC	25-Nov-11	Iodine-131	-3.73E-03	1.15E-02	1.90E-02	7.00E-02	1.16E-02	pCi/m3
5PR(291651009) - AC	2-Dec-11	Iodine-131	-2.45E-04	2.55E-02	4.29E-02	7.00E-02	2.55E-02	pCi/m3
5PR(292166009) - AC	9-Dec-11	Iodine-131	-6.72E-03	2.03E-02	2.97E-02	7.00E-02	2.05E-02	pCi/m3
5PR(292718009) - AC	16-Dec-11	Iodine-131	-1.71E-02	4.01E-02	6.25E-02	7.00E-02	4.08E-02	pCi/m3
5PR(293213009) - AC	23-Dec-11	Iodine-131	1.02E-02	2.55E-02	4.47E-02	7.00E-02	2.59E-02	pCi/m3
5PR(293669009) - AC	30-Dec-11	Iodine-131	9.34E-04	6.39E-03	1.07E-02	7.00E-02	6.41E-03	pCi/m3

5PR
AP

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
5PR(270295004) - AP	7-Jan-11	BETA	7.35E-02	7.93E-03	2.73E-03	1.00E-02	8.01E-03	pCi/m3
5PR(270927004) - AP	13-Jan-11	BETA	5.19E-02	6.35E-03	2.46E-03	1.00E-02	6.40E-03	pCi/m3
5PR(271254004) - AP	20-Jan-11	BETA	6.44E-02	6.74E-03	2.27E-03	1.00E-02	6.82E-03	pCi/m3
5PR(271878004) - AP	28-Jan-11	BETA	6.18E-02	6.87E-03	2.48E-03	1.00E-02	6.94E-03	pCi/m3
5PR(272189004) - AP	4-Feb-11	BETA	5.22E-02	6.20E-03	2.54E-03	1.00E-02	6.25E-03	pCi/m3
5PR(273293004) - AP	11-Feb-11	BETA	4.65E-02	5.91E-03	2.93E-03	1.00E-02	5.95E-03	pCi/m3
5PR(273298004) - AP	18-Feb-11	BETA	4.05E-02	5.16E-03	2.12E-03	1.00E-02	5.20E-03	pCi/m3
5PR(273658004) - AP	25-Feb-11	BETA	6.32E-02	7.47E-03	3.49E-03	1.00E-02	7.54E-03	pCi/m3

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5PR(273827004) - AP	3-Mar-11	BETA	4.68E-02	5.99E-03	2.47E-03	1.00E-02	6.04E-03	pCi/m3
5PR(274649004) - AP	10-Mar-11	BETA	4.24E-02	5.65E-03	2.54E-03	1.00E-02	5.69E-03	pCi/m3
5PR(274652004) - AP	18-Mar-11	BETA	5.45E-02	6.46E-03	2.62E-03	1.00E-02	6.52E-03	pCi/m3
5PR(275139004) - AP	25-Mar-11	BETA	5.90E-02	6.24E-03	2.21E-03	1.00E-02	6.31E-03	pCi/m3
5PR(275839004) - AP	2-Apr-11	BETA	6.71E-02	6.98E-03	2.29E-03	1.00E-02	7.06E-03	pCi/m3
5PR(276257004) - AP	8-Apr-11	BETA	5.21E-02	6.84E-03	2.33E-03	1.00E-02	6.89E-03	pCi/m3
5PR(276979004) - AP	14-Apr-11	BETA	4.73E-02	6.15E-03	3.26E-03	1.00E-02	6.20E-03	pCi/m3
5PR(277502004) - AP	21-Apr-11	BETA	3.90E-02	5.62E-03	3.11E-03	1.00E-02	5.65E-03	pCi/m3
5PR(277503004) - AP	28-Apr-11	BETA	3.69E-02	5.33E-03	2.40E-03	1.00E-02	5.36E-03	pCi/m3
5PR(278337002) - AP	6-May-11	BETA	3.42E-02	5.18E-03	2.64E-03	1.00E-02	5.21E-03	pCi/m3
5PR(278917002) - AP	12-May-11	BETA	4.28E-02	5.77E-03	2.64E-03	1.00E-02	5.81E-03	pCi/m3
5PR(278920002) - AP	19-May-11	BETA	3.84E-02	5.55E-03	2.53E-03	1.00E-02	5.58E-03	pCi/m3
5PR(280314004) - AP	27-May-11	BETA	3.12E-02	4.72E-03	2.59E-03	1.00E-02	4.75E-03	pCi/m3
5PR(279908004) - AP	3-Jun-11	BETA	5.06E-02	7.01E-03	3.74E-03	1.00E-02	7.06E-03	pCi/m3
5PR(280319004) - AP	9-Jun-11	BETA	4.66E-02	6.21E-03	3.02E-03	1.00E-02	6.26E-03	pCi/m3
5PR(280750004) - AP	17-Jun-11	BETA	4.60E-02	6.07E-03	3.32E-03	1.00E-02	6.12E-03	pCi/m3
5PR(280998004) - AP	24-Jun-11	BETA	3.69E-02	5.47E-03	2.37E-03	1.00E-02	5.50E-03	pCi/m3
5PR(281709004) - AP	1-Jul-11	BETA	5.53E-02	7.39E-03	3.77E-03	1.00E-02	7.44E-03	pCi/m3
5PR(282251004) - AP	8-Jul-11	BETA	7.22E-02	9.02E-03	4.18E-03	1.00E-02	9.10E-03	pCi/m3
5PR(282722004) - AP	15-Jul-11	BETA	6.73E-02	8.01E-03	3.61E-03	1.00E-02	8.08E-03	pCi/m3
5PR(283103004) - AP	23-Jul-11	BETA	6.02E-02	7.50E-03	3.43E-03	1.00E-02	7.57E-03	pCi/m3
5PR(283739004) - AP	29-Jul-11	BETA	6.89E-02	8.84E-03	3.94E-03	1.00E-02	8.91E-03	pCi/m3
5PR(284412004) - AP	4-Aug-11	BETA	8.75E-02	1.07E-02	5.08E-03	1.00E-02	1.07E-02	pCi/m3
5PR(284494004) - AP	12-Aug-11	BETA	5.48E-02	8.33E-03	4.76E-03	1.00E-02	8.37E-03	pCi/m3
5PR(285030004) - AP	19-Aug-11	BETA	6.64E-02	9.14E-03	4.82E-03	1.00E-02	9.18E-03	pCi/m3
5PR(285633004) - AP	26-Aug-11	BETA	5.31E-02	8.36E-03	5.00E-03	1.00E-02	8.40E-03	pCi/m3
5PR(285636004) - AP	2-Sep-11	BETA	7.43E-02	8.99E-03	4.33E-03	1.00E-02	9.05E-03	pCi/m3
5PR(286200004) - AP	9-Sep-11	BETA	5.58E-02	1.56E-02	6.44E-03	1.00E-02	1.56E-02	pCi/m3
5PR(286808004) - AP	15-Sep-11	BETA	4.39E-02	1.27E-02	5.38E-03	1.00E-02	1.27E-02	pCi/m3
5PR(287353004) - AP	23-Sep-11	BETA	5.32E-02	7.85E-03	3.05E-03	1.00E-02	7.92E-03	pCi/m3
5PR(287928004) - AP	30-Sep-11	BETA	4.18E-02	6.77E-03	2.73E-03	1.00E-02	6.82E-03	pCi/m3
5PR(288261004) - AP	7-Oct-11	BETA	1.25E-01	1.22E-02	3.08E-03	1.00E-02	1.25E-02	pCi/m3
5PR(290107004) - AP	14-Oct-11	BETA	8.22E-02	1.08E-02	3.69E-03	1.00E-02	1.09E-02	pCi/m3
5PR(290108004) - AP	21-Oct-11	BETA	5.33E-02	8.16E-03	3.20E-03	1.00E-02	8.23E-03	pCi/m3
5PR(290110004) - AP	28-Oct-11	BETA	6.58E-02	9.08E-03	3.25E-03	1.00E-02	9.18E-03	pCi/m3
5PR(290461004) - AP	4-Nov-11	BETA	7.92E-02	9.43E-03	4.21E-03	1.00E-02	9.57E-03	pCi/m3
5PR(290963004) - AP	11-Nov-11	BETA	7.59E-02	1.12E-02	4.06E-03	1.00E-02	1.13E-02	pCi/m3
5PR(291263004) - AP	17-Nov-11	BETA	7.99E-02	1.05E-02	3.41E-03	1.00E-02	1.06E-02	pCi/m3
5PR(291362004) - AP	25-Nov-11	BETA	7.12E-02	1.00E-02	3.50E-03	1.00E-02	1.01E-02	pCi/m3
5PR(291651004) - AP	2-Dec-11	BETA	7.44E-02	1.04E-02	4.36E-03	1.00E-02	1.05E-02	pCi/m3
5PR(292166004) - AP	9-Dec-11	BETA	9.85E-02	1.21E-02	4.05E-03	1.00E-02	1.23E-02	pCi/m3
5PR(292718004) - AP	16-Dec-11	BETA	1.18E-01	1.26E-02	3.66E-03	1.00E-02	1.29E-02	pCi/m3
5PR(293213004) - AP	23-Dec-11	BETA	8.93E-02	1.07E-02	3.91E-03	1.00E-02	1.08E-02	pCi/m3
5PR(293669004) - AP	30-Dec-11	BETA	6.79E-02	1.01E-02	4.46E-03	1.00E-02	1.02E-02	pCi/m3
5PR(277012004) - AP	11-Feb-11	Beryllium-7	1.35E-01	4.22E-02	3.30E-02		4.23E-02	pCi/m3

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5PR(282806004) - AP	13-May-11	Beryllium-7	1.52E-01	3.92E-02	2.87E-02		3.93E-02	pCi/m3
5PR(289421004) - AP	12-Aug-11	Beryllium-7	1.70E-01	4.44E-02	2.85E-02		4.45E-02	pCi/m3
5PR(294926004) - AP	11-Nov-11	Beryllium-7	8.77E-02	1.50E-02	8.86E-03		1.51E-02	pCi/m3
5PR(277012004) - AP	11-Feb-11	Cesium-134	3.71E-04	1.29E-03	2.27E-03	5.00E-02	1.30E-03	pCi/m3
5PR(282806004) - AP	13-May-11	Cesium-134	8.17E-04	9.18E-04	1.68E-03	5.00E-02	9.89E-04	pCi/m3
5PR(289421004) - AP	12-Aug-11	Cesium-134	5.23E-05	6.12E-04	1.07E-03	5.00E-02	6.13E-04	pCi/m3
5PR(294926004) - AP	11-Nov-11	Cesium-134	2.90E-04	3.16E-04	5.90E-04	5.00E-02	3.42E-04	pCi/m3
5PR(277012004) - AP	11-Feb-11	Cesium-137	-1.73E-04	9.34E-04	1.50E-03	6.00E-02	9.37E-04	pCi/m3
5PR(282806004) - AP	13-May-11	Cesium-137	-3.56E-04	7.61E-04	1.20E-03	6.00E-02	7.78E-04	pCi/m3
5PR(289421004) - AP	12-Aug-11	Cesium-137	6.47E-05	6.83E-04	1.26E-03	6.00E-02	6.84E-04	pCi/m3
5PR(294926004) - AP	11-Nov-11	Cesium-137	-2.39E-06	2.81E-04	4.59E-04	6.00E-02	2.81E-04	pCi/m3

8SP

AC

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
8SP(270295006) - AC	7-Jan-11	Iodine-131	3.48E-03	2.16E-02	3.79E-02	7.00E-02	2.16E-02	pCi/m3
8SP(270927006) - AC	13-Jan-11	Iodine-131	-6.28E-03	1.28E-02	1.98E-02	7.00E-02	1.28E-02	pCi/m3
8SP(271254006) - AC	20-Jan-11	Iodine-131	-1.09E-02	1.29E-02	1.20E-02	7.00E-02	1.29E-02	pCi/m3
8SP(271878006) - AC	28-Jan-11	Iodine-131	1.53E-02	3.07E-02	5.67E-02	7.00E-02	3.14E-02	pCi/m3
8SP(272189006) - AC	3-Feb-11	Iodine-131	2.73E-03	1.50E-02	2.55E-02	7.00E-02	1.51E-02	pCi/m3
8SP(273293006) - AC	11-Feb-11	Iodine-131	9.42E-04	3.38E-02	5.87E-02	7.00E-02	3.38E-02	pCi/m3
8SP(273298006) - AC	18-Feb-11	Iodine-131	-1.40E-02	2.39E-02	3.69E-02	7.00E-02	2.47E-02	pCi/m3
8SP(273658006) - AC	25-Feb-11	Iodine-131	2.48E-02	2.10E-02	4.07E-02	7.00E-02	2.38E-02	pCi/m3
8SP(273827006) - AC	3-Mar-11	Iodine-131	1.03E-02	1.02E-02	2.01E-02	7.00E-02	1.12E-02	pCi/m3
8SP(274649006) - AC	10-Mar-11	Iodine-131	1.36E-02	2.96E-02	5.21E-02	7.00E-02	3.02E-02	pCi/m3
8SP(274652006) - AC	18-Mar-11	Iodine-131	3.56E-03	9.53E-03	1.67E-02	7.00E-02	9.66E-03	pCi/m3
8SP(275139006) - AC	25-Mar-11	Iodine-131	4.18E-02	3.26E-02	4.23E-02	7.00E-02	3.26E-02	pCi/m3
8SP(275839006) - AC	2-Apr-11	Iodine-131	4.64E-02	2.23E-02	2.11E-02	7.00E-02	2.24E-02	pCi/m3
8SP(276257006) - AC	8-Apr-11	Iodine-131	2.56E-02	3.45E-02	6.64E-02	7.00E-02	3.63E-02	pCi/m3
8SP(276979006) - AC	14-Apr-11	Iodine-131	2.39E-02	2.55E-02	4.81E-02	7.00E-02	2.76E-02	pCi/m3
8SP(277502006) - AC	21-Apr-11	Iodine-131	2.43E-02	3.37E-02	6.53E-02	7.00E-02	3.55E-02	pCi/m3
8SP(277503006) - AC	28-Apr-11	Iodine-131	5.47E-05	1.56E-02	2.68E-02	7.00E-02	1.56E-02	pCi/m3
8SP(278337008) - AC	6-May-11	Iodine-131	-2.61E-02	1.78E-02	2.49E-02	7.00E-02	2.13E-02	pCi/m3
8SP(278917008) - AC	12-May-11	Iodine-131	1.36E-02	2.00E-02	3.70E-02	7.00E-02	2.09E-02	pCi/m3
8SP(278920008) - AC	19-May-11	Iodine-131	1.52E-03	1.17E-02	2.03E-02	7.00E-02	1.17E-02	pCi/m3
8SP(280314006) - AC	27-May-11	Iodine-131	9.94E-03	3.08E-02	5.29E-02	7.00E-02	3.11E-02	pCi/m3
8SP(279908006) - AC	3-Jun-11	Iodine-131	3.60E-03	1.68E-02	2.98E-02	7.00E-02	1.69E-02	pCi/m3
8SP(280319006) - AC	9-Jun-11	Iodine-131	4.85E-04	1.40E-02	2.40E-02	7.00E-02	1.40E-02	pCi/m3
8SP(280750006) - AC	16-Jun-11	Iodine-131	5.98E-03	2.52E-02	4.41E-02	7.00E-02	2.54E-02	pCi/m3
8SP(280998006) - AC	24-Jun-11	Iodine-131	-5.87E-03	1.26E-02	1.97E-02	7.00E-02	1.28E-02	pCi/m3
8SP(281709006) - AC	1-Jul-11	Iodine-131	-2.08E-03	1.23E-02	2.08E-02	7.00E-02	1.23E-02	pCi/m3
8SP(282251006) - AC	8-Jul-11	Iodine-131	-2.34E-03	1.34E-02	2.20E-02	7.00E-02	1.34E-02	pCi/m3
8SP(282722006) - AC	15-Jul-11	Iodine-131	2.06E-03	3.06E-02	5.23E-02	7.00E-02	3.06E-02	pCi/m3
8SP(283103006) - AC	23-Jul-11	Iodine-131	1.50E-02	2.07E-02	3.98E-02	7.00E-02	2.18E-02	pCi/m3
8SP(283739006) - AC	29-Jul-11	Iodine-131	6.28E-03	2.77E-02	4.73E-02	7.00E-02	2.79E-02	pCi/m3

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8SP(284412006) - AC	4-Aug-11	Iodine-131	3.54E-04	2.16E-02	3.65E-02	7.00E-02	2.16E-02	pCi/m3
8SP(284494006) - AC	12-Aug-11	Iodine-131	-1.55E-03	2.03E-02	3.42E-02	7.00E-02	2.03E-02	pCi/m3
8SP(285030006) - AC	19-Aug-11	Iodine-131	-1.63E-02	3.94E-02	6.53E-02	7.00E-02	4.01E-02	pCi/m3
8SP(285633006) - AC	25-Aug-11	Iodine-131	-5.59E-03	1.81E-02	3.03E-02	7.00E-02	1.83E-02	pCi/m3
8SP(285636006) - AC	2-Sep-11	Iodine-131	3.78E-03	1.48E-02	2.56E-02	7.00E-02	1.49E-02	pCi/m3
8SP(286200006) - AC	9-Sep-11	Iodine-131	-6.02E-03	1.22E-02	1.95E-02	7.00E-02	1.25E-02	pCi/m3
8SP(286808006) - AC	15-Sep-11	Iodine-131	5.73E-04	2.97E-02	5.13E-02	7.00E-02	2.97E-02	pCi/m3
8SP(287353006) - AC	23-Sep-11	Iodine-131	3.69E-04	1.29E-02	2.20E-02	7.00E-02	1.29E-02	pCi/m3
8SP(287928006) - AC	30-Sep-11	Iodine-131	9.91E-03	1.49E-02	2.80E-02	7.00E-02	1.55E-02	pCi/m3
8SP(288261006) - AC	7-Oct-11	Iodine-131	3.47E-03	1.25E-02	2.14E-02	7.00E-02	1.26E-02	pCi/m3
8SP(290107006) - AC	14-Oct-11	Iodine-131	2.45E-02	3.81E-02	6.78E-02	7.00E-02	3.97E-02	pCi/m3
8SP(290108006) - AC	21-Oct-11	Iodine-131	-2.03E-02	3.25E-02	5.02E-02	7.00E-02	3.37E-02	pCi/m3
8SP(290110006) - AC	28-Oct-11	Iodine-131	-8.86E-03	1.23E-02	1.78E-02	7.00E-02	1.29E-02	pCi/m3
8SP(290461006) - AC	4-Nov-11	Iodine-131	-1.69E-03	2.29E-02	3.93E-02	7.00E-02	2.29E-02	pCi/m3
8SP(290963006) - AC	11-Nov-11	Iodine-131	-2.19E-03	8.66E-03	1.48E-02	7.00E-02	8.72E-03	pCi/m3
8SP(291263006) - AC	17-Nov-11	Iodine-131	2.05E-04	2.60E-02	4.24E-02	7.00E-02	2.60E-02	pCi/m3
8SP(291362006) - AC	25-Nov-11	Iodine-131	2.19E-04	7.29E-03	1.26E-02	7.00E-02	7.29E-03	pCi/m3
8SP(291651006) - AC	2-Dec-11	Iodine-131	2.93E-03	1.15E-02	2.06E-02	7.00E-02	1.15E-02	pCi/m3
8SP(292166006) - AC	8-Dec-11	Iodine-131	7.59E-03	2.43E-02	4.37E-02	7.00E-02	2.45E-02	pCi/m3
8SP(292718006) - AC	16-Dec-11	Iodine-131	-9.82E-03	1.66E-02	2.65E-02	7.00E-02	1.71E-02	pCi/m3
8SP(293213006) - AC	23-Dec-11	Iodine-131	-4.48E-03	2.09E-02	3.26E-02	7.00E-02	2.10E-02	pCi/m3
8SP(293669006) - AC	30-Dec-11	Iodine-131	-1.68E-03	5.59E-03	9.07E-03	7.00E-02	5.64E-03	pCi/m3

8SP
AP

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
8SP(270295001) - AP	7-Jan-11	BETA	6.94E-02	7.12E-03	1.90E-03	1.00E-02	7.20E-03	pCi/m3
8SP(270927001) - AP	13-Jan-11	BETA	5.20E-02	6.06E-03	2.26E-03	1.00E-02	6.12E-03	pCi/m3
8SP(271254001) - AP	20-Jan-11	BETA	5.98E-02	6.15E-03	2.04E-03	1.00E-02	6.22E-03	pCi/m3
8SP(271878001) - AP	28-Jan-11	BETA	5.67E-02	6.28E-03	2.70E-03	1.00E-02	6.34E-03	pCi/m3
8SP(272189001) - AP	3-Feb-11	BETA	4.04E-02	5.19E-03	2.59E-03	1.00E-02	5.23E-03	pCi/m3
8SP(273293001) - AP	11-Feb-11	BETA	4.66E-02	5.65E-03	2.22E-03	1.00E-02	5.70E-03	pCi/m3
8SP(273298001) - AP	18-Feb-11	BETA	4.25E-02	4.98E-03	2.24E-03	1.00E-02	5.02E-03	pCi/m3
8SP(273658001) - AP	25-Feb-11	BETA	5.00E-02	6.53E-03	3.49E-03	1.00E-02	6.58E-03	pCi/m3
8SP(273827001) - AP	3-Mar-11	BETA	3.74E-02	5.13E-03	2.64E-03	1.00E-02	5.16E-03	pCi/m3
8SP(274649001) - AP	10-Mar-11	BETA	3.42E-02	4.93E-03	2.66E-03	1.00E-02	4.96E-03	pCi/m3
8SP(274652001) - AP	18-Mar-11	BETA	4.22E-02	5.39E-03	2.64E-03	1.00E-02	5.43E-03	pCi/m3
8SP(275139001) - AP	25-Mar-11	BETA	4.51E-02	5.23E-03	2.23E-03	1.00E-02	5.28E-03	pCi/m3
8SP(275839001) - AP	2-Apr-11	BETA	5.36E-02	5.88E-03	2.25E-03	1.00E-02	5.95E-03	pCi/m3
8SP(276257001) - AP	8-Apr-11	BETA	4.57E-02	6.35E-03	3.22E-03	1.00E-02	6.39E-03	pCi/m3
8SP(276979001) - AP	14-Apr-11	BETA	4.01E-02	5.26E-03	2.38E-03	1.00E-02	5.30E-03	pCi/m3
8SP(277502001) - AP	21-Apr-11	BETA	4.11E-02	5.46E-03	2.29E-03	1.00E-02	5.49E-03	pCi/m3
8SP(277503001) - AP	28-Apr-11	BETA	3.81E-02	5.12E-03	2.49E-03	1.00E-02	5.16E-03	pCi/m3
8SP(278337003) - AP	6-May-11	BETA	2.77E-02	4.61E-03	2.96E-03	1.00E-02	4.64E-03	pCi/m3
8SP(278917003) - AP	12-May-11	BETA	4.18E-02	5.47E-03	2.80E-03	1.00E-02	5.51E-03	pCi/m3

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8SP(278920003) - AP	19-May-11	BETA	3.30E-02	4.88E-03	1.87E-03	1.00E-02	4.91E-03	pCi/m3
8SP(280314001) - AP	27-May-11	BETA	2.98E-02	4.39E-03	2.32E-03	1.00E-02	4.42E-03	pCi/m3
8SP(279908001) - AP	3-Jun-11	BETA	4.50E-02	6.26E-03	3.18E-03	1.00E-02	6.30E-03	pCi/m3
8SP(280319001) - AP	9-Jun-11	BETA	4.09E-02	5.44E-03	2.69E-03	1.00E-02	5.48E-03	pCi/m3
8SP(280750001) - AP	16-Jun-11	BETA	4.15E-02	5.44E-03	2.60E-03	1.00E-02	5.48E-03	pCi/m3
8SP(280998001) - AP	24-Jun-11	BETA	2.85E-02	4.54E-03	2.32E-03	1.00E-02	4.56E-03	pCi/m3
8SP(281709001) - AP	1-Jul-11	BETA	3.79E-02	5.01E-03	2.42E-03	1.00E-02	5.05E-03	pCi/m3
8SP(282251001) - AP	8-Jul-11	BETA	4.54E-02	5.83E-03	2.62E-03	1.00E-02	5.87E-03	pCi/m3
8SP(282722001) - AP	15-Jul-11	BETA	4.68E-02	5.81E-03	2.64E-03	1.00E-02	5.86E-03	pCi/m3
8SP(283103001) - AP	23-Jul-11	BETA	4.87E-02	6.11E-03	3.20E-03	1.00E-02	6.16E-03	pCi/m3
8SP(283739001) - AP	29-Jul-11	BETA	5.25E-02	6.91E-03	3.40E-03	1.00E-02	6.96E-03	pCi/m3
8SP(284412001) - AP	4-Aug-11	BETA	6.16E-02	7.62E-03	3.66E-03	1.00E-02	7.66E-03	pCi/m3
8SP(284494001) - AP	12-Aug-11	BETA	4.36E-02	6.58E-03	3.73E-03	1.00E-02	6.61E-03	pCi/m3
8SP(285030001) - AP	19-Aug-11	BETA	5.14E-02	7.08E-03	3.73E-03	1.00E-02	7.11E-03	pCi/m3
8SP(285633001) - AP	25-Aug-11	BETA	4.39E-02	6.73E-03	3.94E-03	1.00E-02	6.76E-03	pCi/m3
8SP(285636001) - AP	2-Sep-11	BETA	6.46E-02	7.28E-03	3.31E-03	1.00E-02	7.33E-03	pCi/m3
8SP(286200001) - AP	9-Sep-11	BETA	5.22E-02	1.30E-02	4.83E-03	1.00E-02	1.30E-02	pCi/m3
8SP(286808001) - AP	15-Sep-11	BETA	2.39E-02	8.12E-03	3.98E-03	1.00E-02	8.14E-03	pCi/m3
8SP(287353001) - AP	23-Sep-11	BETA	4.14E-02	6.06E-03	2.34E-03	1.00E-02	6.12E-03	pCi/m3
8SP(287928001) - AP	30-Sep-11	BETA	3.02E-02	4.88E-03	1.96E-03	1.00E-02	4.92E-03	pCi/m3
8SP(288261001) - AP	7-Oct-11	BETA	7.91E-02	8.63E-03	2.42E-03	1.00E-02	8.78E-03	pCi/m3
8SP(290107001) - AP	14-Oct-11	BETA	6.34E-02	7.93E-03	2.59E-03	1.00E-02	8.04E-03	pCi/m3
8SP(290108001) - AP	21-Oct-11	BETA	3.12E-02	5.35E-03	2.32E-03	1.00E-02	5.39E-03	pCi/m3
8SP(290110001) - AP	28-Oct-11	BETA	5.00E-02	6.59E-03	2.25E-03	1.00E-02	6.67E-03	pCi/m3
8SP(290461001) - AP	4-Nov-11	BETA	5.44E-02	6.69E-03	3.07E-03	1.00E-02	6.78E-03	pCi/m3
8SP(290963001) - AP	11-Nov-11	BETA	5.95E-02	8.17E-03	2.78E-03	1.00E-02	8.25E-03	pCi/m3
8SP(291263001) - AP	17-Nov-11	BETA	4.86E-02	6.81E-03	2.37E-03	1.00E-02	6.88E-03	pCi/m3
8SP(291362001) - AP	25-Nov-11	BETA	4.21E-02	6.30E-03	2.33E-03	1.00E-02	6.36E-03	pCi/m3
8SP(291651001) - AP	2-Dec-11	BETA	4.25E-02	6.55E-03	3.00E-03	1.00E-02	6.60E-03	pCi/m3
8SP(292166001) - AP	8-Dec-11	BETA	5.69E-02	7.34E-03	2.57E-03	1.00E-02	7.43E-03	pCi/m3
8SP(292718001) - AP	16-Dec-11	BETA	6.50E-02	7.82E-03	2.52E-03	1.00E-02	7.93E-03	pCi/m3
8SP(293213001) - AP	23-Dec-11	BETA	4.48E-02	6.19E-03	2.58E-03	1.00E-02	6.26E-03	pCi/m3
8SP(293669001) - AP	30-Dec-11	BETA	4.46E-02	6.62E-03	2.93E-03	1.00E-02	6.69E-03	pCi/m3
8SP(277012001) - AP	11-Feb-11	Beryllium-7	1.23E-01	2.40E-02	2.02E-02		2.42E-02	pCi/m3
8SP(282806001) - AP	13-May-11	Beryllium-7	1.13E-01	2.35E-02	1.44E-02		2.36E-02	pCi/m3
8SP(289421001) - AP	12-Aug-11	Beryllium-7	1.32E-01	3.33E-02	2.94E-02		3.34E-02	pCi/m3
8SP(294926001) - AP	11-Nov-11	Beryllium-7	5.97E-02	1.12E-02	7.44E-03		1.12E-02	pCi/m3
8SP(277012001) - AP	11-Feb-11	Cesium-134	-4.91E-05	6.61E-04	1.10E-03	5.00E-02	6.61E-04	pCi/m3
8SP(282806001) - AP	13-May-11	Cesium-134	4.17E-04	5.24E-04	9.44E-04	5.00E-02	5.57E-04	pCi/m3
8SP(289421001) - AP	12-Aug-11	Cesium-134	-5.83E-04	6.56E-04	8.46E-04	5.00E-02	7.07E-04	pCi/m3
8SP(294926001) - AP	11-Nov-11	Cesium-134	-5.94E-05	2.72E-04	4.37E-04	5.00E-02	2.73E-04	pCi/m3
8SP(277012001) - AP	11-Feb-11	Cesium-137	3.13E-04	4.35E-04	8.11E-04	6.00E-02	4.57E-04	pCi/m3
8SP(282806001) - AP	13-May-11	Cesium-137	7.04E-04	4.12E-04	7.95E-04	6.00E-02	5.20E-04	pCi/m3
8SP(289421001) - AP	12-Aug-11	Cesium-137	-3.19E-05	5.14E-04	8.48E-04	6.00E-02	5.15E-04	pCi/m3
8SP(294926001) - AP	11-Nov-11	Cesium-137	1.96E-04	1.95E-04	3.67E-04	6.00E-02	2.14E-04	pCi/m3

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9TP
AC

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
9TP(270295007) - AC	7-Jan-11	Iodine-131	-2.43E-03	1.65E-02	2.69E-02	7.00E-02	1.65E-02	pCi/m3
9TP(270927007) - AC	13-Jan-11	Iodine-131	-4.68E-04	9.41E-03	1.56E-02	7.00E-02	9.41E-03	pCi/m3
9TP(271254007) - AC	20-Jan-11	Iodine-131	-7.58E-03	1.87E-02	2.80E-02	7.00E-02	1.87E-02	pCi/m3
9TP(271878007) - AC	28-Jan-11	Iodine-131	-1.14E-02	1.84E-02	2.32E-02	7.00E-02	1.91E-02	pCi/m3
9TP(272189007) - AC	4-Feb-11	Iodine-131	-8.37E-03	1.16E-02	1.79E-02	7.00E-02	1.22E-02	pCi/m3
9TP(273293007) - AC	11-Feb-11	Iodine-131	-5.59E-02	4.88E-02	5.97E-02	7.00E-02	5.49E-02	pCi/m3
9TP(273298007) - AC	18-Feb-11	Iodine-131	4.14E-03	1.65E-02	2.97E-02	7.00E-02	1.67E-02	pCi/m3
9TP(273658007) - AC	25-Feb-11	Iodine-131	-5.03E-04	1.44E-02	2.45E-02	7.00E-02	1.44E-02	pCi/m3
9TP(273827007) - AC	3-Mar-11	Iodine-131	7.01E-03	1.34E-02	2.37E-02	7.00E-02	1.37E-02	pCi/m3
9TP(274649007) - AC	10-Mar-11	Iodine-131	-1.38E-02	1.34E-02	1.96E-02	7.00E-02	1.48E-02	pCi/m3
9TP(274652007) - AC	18-Mar-11	Iodine-131	-6.70E-03	6.46E-03	9.81E-03	7.00E-02	7.13E-03	pCi/m3
9TP(275139007) - AC	25-Mar-11	Iodine-131	6.76E-02	3.19E-02	2.29E-02	7.00E-02	3.20E-02	pCi/m3
9TP(275839007) - AC	2-Apr-11	Iodine-131	5.89E-02	2.45E-02	1.76E-02	7.00E-02	2.45E-02	pCi/m3
9TP(276257007) - AC	8-Apr-11	Iodine-131	4.81E-02	3.48E-02	3.42E-02	7.00E-02	3.48E-02	pCi/m3
9TP(276979007) - AC	14-Apr-11	Iodine-131	3.54E-03	2.17E-02	3.82E-02	7.00E-02	2.18E-02	pCi/m3
9TP(277502007) - AC	21-Apr-11	Iodine-131	1.93E-02	2.32E-02	4.71E-02	7.00E-02	2.48E-02	pCi/m3
9TP(277503007) - AC	28-Apr-11	Iodine-131	-1.38E-02	1.74E-02	2.36E-02	7.00E-02	1.84E-02	pCi/m3
9TP(278337009) - AC	6-May-11	Iodine-131	-1.02E-02	1.82E-02	2.88E-02	7.00E-02	1.88E-02	pCi/m3
9TP(278917009) - AC	12-May-11	Iodine-131	6.14E-03	1.59E-02	2.83E-02	7.00E-02	1.61E-02	pCi/m3
9TP(278920009) - AC	19-May-11	Iodine-131	-8.09E-03	1.01E-02	1.48E-02	7.00E-02	1.07E-02	pCi/m3
9TP(280314007) - AC	27-May-11	Iodine-131	2.34E-02	3.03E-02	5.68E-02	7.00E-02	3.21E-02	pCi/m3
9TP(279908007) - AC	3-Jun-11	Iodine-131	1.11E-02	2.18E-02	3.95E-02	7.00E-02	2.24E-02	pCi/m3
9TP(280319007) - AC	9-Jun-11	Iodine-131	3.19E-03	1.10E-02	1.91E-02	7.00E-02	1.10E-02	pCi/m3
9TP(280750007) - AC	17-Jun-11	Iodine-131	7.55E-03	1.16E-02	2.09E-02	7.00E-02	1.21E-02	pCi/m3
9TP(280998007) - AC	24-Jun-11	Iodine-131	-1.23E-02	1.09E-02	1.44E-02	7.00E-02	1.23E-02	pCi/m3
9TP(281709007) - AC	1-Jul-11	Iodine-131	-2.06E-03	1.01E-02	1.64E-02	7.00E-02	1.02E-02	pCi/m3
9TP(282251007) - AC	8-Jul-11	Iodine-131	-1.12E-02	1.41E-02	2.15E-02	7.00E-02	1.50E-02	pCi/m3
9TP(282722007) - AC	15-Jul-11	Iodine-131	-2.70E-02	1.88E-02	0.00E+00	7.00E-02	2.24E-02	pCi/m3
9TP(283103007) - AC	23-Jul-11	Iodine-131	1.72E-03	1.68E-02	2.90E-02	7.00E-02	1.68E-02	pCi/m3
9TP(283739007) - AC	29-Jul-11	Iodine-131	-3.84E-03	4.16E-02	6.96E-02	7.00E-02	4.16E-02	pCi/m3
9TP(284412007) - AC	4-Aug-11	Iodine-131	1.87E-02	3.76E-02	6.78E-02	7.00E-02	3.86E-02	pCi/m3
9TP(284494007) - AC	12-Aug-11	Iodine-131	-1.34E-02	1.30E-02	1.95E-02	7.00E-02	1.44E-02	pCi/m3
9TP(285030007) - AC	19-Aug-11	Iodine-131	5.84E-03	1.84E-02	3.25E-02	7.00E-02	1.86E-02	pCi/m3
9TP(285633007) - AC	25-Aug-11	Iodine-131	-4.87E-03	2.16E-02	3.56E-02	7.00E-02	2.17E-02	pCi/m3
9TP(285636007) - AC	2-Sep-11	Iodine-131	-1.02E-03	8.82E-03	1.48E-02	7.00E-02	8.83E-03	pCi/m3
9TP(286200007) - AC	9-Sep-11	Iodine-131	-9.53E-04	1.28E-02	2.11E-02	7.00E-02	1.28E-02	pCi/m3
9TP(286808007) - AC	15-Sep-11	Iodine-131	-4.65E-03	2.17E-02	3.60E-02	7.00E-02	2.18E-02	pCi/m3
9TP(287353007) - AC	23-Sep-11	Iodine-131	-2.81E-03	1.04E-02	1.71E-02	7.00E-02	1.04E-02	pCi/m3
9TP(287928007) - AC	30-Sep-11	Iodine-131	4.86E-03	3.12E-02	5.46E-02	7.00E-02	3.13E-02	pCi/m3
9TP(288261007) - AC	7-Oct-11	Iodine-131	1.56E-02	1.55E-02	2.83E-02	7.00E-02	1.71E-02	pCi/m3
9TP(290107007) - AC	14-Oct-11	Iodine-131	-5.09E-02	3.60E-02	5.39E-02	7.00E-02	4.27E-02	pCi/m3

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9TP(290108007) - AC	21-Oct-11	Iodine-131	-2.90E-02	3.68E-02	5.98E-02	7.00E-02	3.91E-02	pCi/m3
9TP(290110007) - AC	28-Oct-11	Iodine-131	-4.22E-03	1.31E-02	2.18E-02	7.00E-02	1.32E-02	pCi/m3
9TP(290461007) - AC	4-Nov-11	Iodine-131	-7.39E-03	1.32E-02	2.12E-02	7.00E-02	1.36E-02	pCi/m3
9TP(290963007) - AC	11-Nov-11	Iodine-131	-1.22E-03	9.04E-03	1.53E-02	7.00E-02	9.05E-03	pCi/m3
9TP(291263007) - AC	17-Nov-11	Iodine-131	-1.77E-02	3.11E-02	5.06E-02	7.00E-02	3.21E-02	pCi/m3
9TP(291362007) - AC	25-Nov-11	Iodine-131	2.44E-04	4.43E-03	7.71E-03	7.00E-02	4.44E-03	pCi/m3
9TP(291651007) - AC	2-Dec-11	Iodine-131	-1.73E-03	8.59E-03	1.44E-02	7.00E-02	8.62E-03	pCi/m3
9TP(292166007) - AC	9-Dec-11	Iodine-131	-2.33E-02	2.43E-02	3.92E-02	7.00E-02	2.65E-02	pCi/m3
9TP(292718007) - AC	16-Dec-11	Iodine-131	1.11E-02	2.30E-02	4.03E-02	7.00E-02	2.36E-02	pCi/m3
9TP(293213007) - AC	23-Dec-11	Iodine-131	-1.35E-03	2.70E-02	4.56E-02	7.00E-02	2.70E-02	pCi/m3
9TP(293669007) - AC	30-Dec-11	Iodine-131	-1.25E-03	9.51E-03	1.63E-02	7.00E-02	9.53E-03	pCi/m3

9TP

AP

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
9TP(270295002) - AP	7-Jan-11	BETA	4.96E-02	5.11E-03	1.68E-03	1.00E-02	5.17E-03	pCi/m3
9TP(270927002) - AP	13-Jan-11	BETA	4.25E-02	5.03E-03	1.75E-03	1.00E-02	5.07E-03	pCi/m3
9TP(271254002) - AP	20-Jan-11	BETA	4.96E-02	5.15E-03	1.59E-03	1.00E-02	5.21E-03	pCi/m3
9TP(271878002) - AP	28-Jan-11	BETA	5.72E-02	5.75E-03	1.82E-03	1.00E-02	5.82E-03	pCi/m3
9TP(272189002) - AP	4-Feb-11	BETA	3.91E-02	4.63E-03	1.63E-03	1.00E-02	4.67E-03	pCi/m3
9TP(273293002) - AP	11-Feb-11	BETA	4.43E-02	5.09E-03	2.26E-03	1.00E-02	5.14E-03	pCi/m3
9TP(273298002) - AP	18-Feb-11	BETA	3.99E-02	4.42E-03	1.50E-03	1.00E-02	4.46E-03	pCi/m3
9TP(273658002) - AP	25-Feb-11	BETA	4.23E-02	5.60E-03	3.02E-03	1.00E-02	5.64E-03	pCi/m3
9TP(273827002) - AP	3-Mar-11	BETA	4.13E-02	4.88E-03	1.75E-03	1.00E-02	4.92E-03	pCi/m3
9TP(274649002) - AP	10-Mar-11	BETA	3.43E-02	4.49E-03	1.96E-03	1.00E-02	4.52E-03	pCi/m3
9TP(274652002) - AP	18-Mar-11	BETA	4.38E-02	5.03E-03	1.96E-03	1.00E-02	5.07E-03	pCi/m3
9TP(275139002) - AP	25-Mar-11	BETA	5.09E-02	5.08E-03	1.74E-03	1.00E-02	5.15E-03	pCi/m3
9TP(275839002) - AP	2-Apr-11	BETA	5.00E-02	5.24E-03	1.78E-03	1.00E-02	5.30E-03	pCi/m3
9TP(276257002) - AP	8-Apr-11	BETA	4.54E-02	5.76E-03	2.48E-03	1.00E-02	5.80E-03	pCi/m3
9TP(276979002) - AP	14-Apr-11	BETA	3.77E-02	4.65E-03	1.61E-03	1.00E-02	4.69E-03	pCi/m3
9TP(277502002) - AP	21-Apr-11	BETA	3.41E-02	4.53E-03	1.63E-03	1.00E-02	4.56E-03	pCi/m3
9TP(277503002) - AP	28-Apr-11	BETA	3.33E-02	4.43E-03	2.01E-03	1.00E-02	4.46E-03	pCi/m3
9TP(278337004) - AP	6-May-11	BETA	3.27E-02	4.61E-03	2.40E-03	1.00E-02	4.63E-03	pCi/m3
9TP(278917004) - AP	12-May-11	BETA	4.20E-02	5.11E-03	2.00E-03	1.00E-02	5.15E-03	pCi/m3
9TP(278920004) - AP	19-May-11	BETA	3.14E-02	4.60E-03	2.64E-03	1.00E-02	4.62E-03	pCi/m3
9TP(280314002) - AP	27-May-11	BETA	2.32E-02	3.52E-03	1.32E-03	1.00E-02	3.54E-03	pCi/m3
9TP(279908002) - AP	3-Jun-11	BETA	4.48E-02	5.72E-03	2.44E-03	1.00E-02	5.77E-03	pCi/m3
9TP(280319002) - AP	9-Jun-11	BETA	4.35E-02	5.28E-03	2.18E-03	1.00E-02	5.32E-03	pCi/m3
9TP(280750002) - AP	17-Jun-11	BETA	4.26E-02	5.03E-03	1.90E-03	1.00E-02	5.07E-03	pCi/m3
9TP(280998002) - AP	24-Jun-11	BETA	2.92E-02	4.37E-03	2.51E-03	1.00E-02	4.39E-03	pCi/m3
9TP(281709002) - AP	1-Jul-11	BETA	3.78E-02	4.61E-03	1.93E-03	1.00E-02	4.65E-03	pCi/m3
9TP(282251002) - AP	8-Jul-11	BETA	5.30E-02	5.83E-03	2.51E-03	1.00E-02	5.89E-03	pCi/m3
9TP(282722002) - AP	15-Jul-11	BETA	4.64E-02	5.40E-03	2.33E-03	1.00E-02	5.46E-03	pCi/m3
9TP(283103002) - AP	23-Jul-11	BETA	4.70E-02	5.62E-03	2.36E-03	1.00E-02	5.67E-03	pCi/m3
9TP(283739002) - AP	29-Jul-11	BETA	4.89E-02	6.13E-03	2.25E-03	1.00E-02	6.18E-03	pCi/m3

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9TP(284412002) - AP	4-Aug-11	BETA	6.95E-02	8.26E-03	3.85E-03	1.00E-02	8.32E-03	pCi/m3
9TP(284494002) - AP	12-Aug-11	BETA	3.09E-02	5.35E-03	3.37E-03	1.00E-02	5.36E-03	pCi/m3
9TP(285030002) - AP	19-Aug-11	BETA	5.15E-02	6.63E-03	3.31E-03	1.00E-02	6.67E-03	pCi/m3
9TP(285633002) - AP	25-Aug-11	BETA	4.54E-02	6.41E-03	3.51E-03	1.00E-02	6.44E-03	pCi/m3
9TP(285636002) - AP	2-Sep-11	BETA	7.05E-02	7.18E-03	2.98E-03	1.00E-02	7.24E-03	pCi/m3
9TP(286200002) - AP	9-Sep-11	BETA	3.48E-02	1.01E-02	4.34E-03	1.00E-02	1.01E-02	pCi/m3
9TP(286808002) - AP	15-Sep-11	BETA	3.68E-02	9.38E-03	3.57E-03	1.00E-02	9.41E-03	pCi/m3
9TP(287353002) - AP	23-Sep-11	BETA	3.90E-02	5.57E-03	2.10E-03	1.00E-02	5.62E-03	pCi/m3
9TP(287928002) - AP	30-Sep-11	BETA	3.94E-02	6.46E-03	2.64E-03	1.00E-02	6.51E-03	pCi/m3
9TP(288261002) - AP	7-Oct-11	BETA	8.85E-02	8.56E-03	2.14E-03	1.00E-02	8.74E-03	pCi/m3
9TP(290107002) - AP	14-Oct-11	BETA	6.78E-02	7.82E-03	2.36E-03	1.00E-02	7.94E-03	pCi/m3
9TP(290108002) - AP	21-Oct-11	BETA	3.32E-02	5.15E-03	2.05E-03	1.00E-02	5.20E-03	pCi/m3
9TP(290110002) - AP	28-Oct-11	BETA	4.97E-02	6.24E-03	2.05E-03	1.00E-02	6.33E-03	pCi/m3
9TP(290461002) - AP	4-Nov-11	BETA	4.72E-02	5.90E-03	2.74E-03	1.00E-02	5.97E-03	pCi/m3
9TP(290963002) - AP	11-Nov-11	BETA	5.45E-02	7.54E-03	2.58E-03	1.00E-02	7.62E-03	pCi/m3
9TP(291263002) - AP	17-Nov-11	BETA	4.33E-02	6.10E-03	2.13E-03	1.00E-02	6.17E-03	pCi/m3
9TP(291362002) - AP	25-Nov-11	BETA	5.03E-02	6.53E-03	2.11E-03	1.00E-02	6.61E-03	pCi/m3
9TP(291651002) - AP	2-Dec-11	BETA	3.95E-02	5.97E-03	2.70E-03	1.00E-02	6.03E-03	pCi/m3
9TP(292166002) - AP	9-Dec-11	BETA	8.74E-02	2.18E-02	1.33E-02	1.00E-02	2.19E-02	pCi/m3
9TP(292718002) - AP	16-Dec-11	BETA	8.13E-02	9.30E-03	2.86E-03	1.00E-02	9.45E-03	pCi/m3
9TP(293213002) - AP	23-Dec-11	BETA	5.32E-02	7.19E-03	2.93E-03	1.00E-02	7.27E-03	pCi/m3
9TP(293669002) - AP	30-Dec-11	BETA	4.97E-02	7.41E-03	3.30E-03	1.00E-02	7.48E-03	pCi/m3
9TP(277012002) - AP	11-Feb-11	Beryllium-7	1.08E-01	2.47E-02	1.29E-02		2.48E-02	pCi/m3
9TP(282806002) - AP	13-May-11	Beryllium-7	1.16E-01	2.02E-02	1.05E-02		2.03E-02	pCi/m3
9TP(289421002) - AP	12-Aug-11	Beryllium-7	8.71E-02	3.30E-02	2.39E-02		3.30E-02	pCi/m3
9TP(294926002) - AP	11-Nov-11	Beryllium-7	5.40E-02	1.06E-02	7.29E-03		1.06E-02	pCi/m3
9TP(277012002) - AP	11-Feb-11	Cesium-134	5.04E-04	5.52E-04	1.08E-03	5.00E-02	5.97E-04	pCi/m3
9TP(282806002) - AP	13-May-11	Cesium-134	3.77E-04	4.15E-04	7.86E-04	5.00E-02	4.48E-04	pCi/m3
9TP(289421002) - AP	12-Aug-11	Cesium-134	-9.24E-07	5.48E-04	9.21E-04	5.00E-02	5.48E-04	pCi/m3
9TP(294926002) - AP	11-Nov-11	Cesium-134	-5.66E-05	2.23E-04	3.67E-04	5.00E-02	2.24E-04	pCi/m3
9TP(277012002) - AP	11-Feb-11	Cesium-137	3.25E-04	3.84E-04	3.78E-04	6.00E-02	3.84E-04	pCi/m3
9TP(282806002) - AP	13-May-11	Cesium-137	4.15E-04	3.95E-04	3.09E-04	6.00E-02	3.95E-04	pCi/m3
9TP(289421002) - AP	12-Aug-11	Cesium-137	1.39E-03	7.36E-04	8.52E-04	6.00E-02	7.37E-04	pCi/m3
9TP(294926002) - AP	11-Nov-11	Cesium-137	-1.19E-04	1.85E-04	2.76E-04	6.00E-02	1.93E-04	pCi/m3

Apples
VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Apples(290104001) - VG	8-Nov-11	Cesium-134	3.69E+00	6.22E+00	1.12E+01	6.00E+01	6.43E+00	pCi/kg
Apples(290104001) - VG	8-Nov-11	Cesium-137	2.42E+00	5.55E+00	9.88E+00	8.00E+01	5.66E+00	pCi/kg
Apples(290104001) - VG	8-Nov-11	Iodine-131	-8.97E-01	1.19E+01	1.99E+01	6.00E+01	1.19E+01	pCi/kg
Apples(290104001) - VG	8-Nov-11	Potassium-40	1.27E+03	2.11E+02	7.89E+01		2.11E+02	pCi/kg

Blueberries
VG

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Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Blueberries(283336010) - VG	28-Jul-11	Cesium-134	2.70E+00	3.49E+00	6.22E+00	6.00E+01	3.70E+00	pCi/kg
Blueberries(283336010) - VG	28-Jul-11	Cesium-137	2.22E+00	4.66E+00	6.37E+00	8.00E+01	4.77E+00	pCi/kg
Blueberries(283336010) - VG	28-Jul-11	Iodine-131	-2.19E+00	7.01E+00	1.15E+01	6.00E+01	7.08E+00	pCi/kg
Blueberries(283336010) - VG	28-Jul-11	Potassium-40	6.28E+02	1.08E+02	5.51E+01		1.08E+02	pCi/kg

Broadleaf Vegetation #1 maple leaves VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #1 maple leaves(289781011) - VG	31-Oct-11	Beryllium-7	2.43E+03	2.83E+02	1.12E+02		2.83E+02	pCi/kg
Broadleaf Vegetation #1 maple leaves(289781011) - VG	31-Oct-11	Cesium-134	-6.31E+00	9.47E+00	1.49E+01	6.00E+01	9.88E+00	pCi/kg
Broadleaf Vegetation #1 maple leaves(289781011) - VG	31-Oct-11	Cesium-137	6.54E+00	8.31E+00	1.46E+01	8.00E+01	8.82E+00	pCi/kg
Broadleaf Vegetation #1 maple leaves(289781011) - VG	31-Oct-11	Iodine-131	-4.09E+00	1.57E+01	2.58E+01	6.00E+01	1.58E+01	pCi/kg
Broadleaf Vegetation #1 maple leaves(289781011) - VG	31-Oct-11	Potassium-40	1.44E+03	2.80E+02	1.22E+02		2.80E+02	pCi/kg

Broadleaf Vegetation #10 maple/oak leave VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #10 maple/oak leave(289781020) - VG	31-Oct-11	Beryllium-7	4.13E+03	4.24E+02	1.15E+02		4.24E+02	pCi/kg
Broadleaf Vegetation #10 maple/oak leave(289781020) - VG	31-Oct-11	Cesium-134	1.22E+00	9.48E+00	1.64E+01	6.00E+01	9.49E+00	pCi/kg
Broadleaf Vegetation #10 maple/oak leave(289781020) - VG	31-Oct-11	Cesium-137	6.59E+01	1.60E+01	1.36E+01	8.00E+01	1.60E+01	pCi/kg
Broadleaf Vegetation #10 maple/oak leave(289781020) - VG	31-Oct-11	Iodine-131	1.21E+01	1.68E+01	2.97E+01	6.00E+01	1.77E+01	pCi/kg
Broadleaf Vegetation #10 maple/oak leave(289781020) - VG	31-Oct-11	Potassium-40	1.21E+03	2.55E+02	1.23E+02		2.55E+02	pCi/kg

Broadleaf Vegetation #2 oak /maple leave VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #2 oak /maple leave(289781012) - VG	31-Oct-11	Beryllium-7	2.88E+03	2.98E+02	8.86E+01		2.98E+02	pCi/kg
Broadleaf Vegetation #2 oak /maple leave(289781012) - VG	31-Oct-11	Cesium-134	3.63E-01	6.58E+00	1.12E+01	6.00E+01	6.58E+00	pCi/kg
Broadleaf Vegetation #2 oak /maple leave(289781012) - VG	31-Oct-11	Cesium-137	2.38E+01	1.06E+01	9.51E+00	8.00E+01	1.06E+01	pCi/kg
Broadleaf Vegetation #2 oak /maple leave(289781012) - VG	31-Oct-11	Iodine-131	1.05E+01	1.18E+01	2.03E+01	6.00E+01	1.27E+01	pCi/kg
Broadleaf Vegetation #2 oak /maple leave(289781012) - VG	31-Oct-11	Lead-214	7.36E+01	2.08E+01	2.11E+01		2.08E+01	pCi/kg
Broadleaf Vegetation #2 oak /maple leave(289781012) - VG	31-Oct-11	Potassium-40	1.09E+03	1.94E+02	1.01E+02		1.94E+02	pCi/kg

Broadleaf Vegetation #3 maple/oak leaves VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #3 maple/oak leaves(289781013) - VG	31-Oct-11	Beryllium-7	2.61E+03	2.88E+02	1.22E+02		2.88E+02	pCi/kg
Broadleaf Vegetation #3 maple/oak leaves(289781013) - VG	31-Oct-11	Bismuth-214	1.36E+02	2.94E+01	2.54E+01		2.94E+01	pCi/kg
Broadleaf Vegetation #3 maple/oak leaves(289781013) - VG	31-Oct-11	Cesium-134	4.98E+00	8.24E+00	1.44E+01	6.00E+01	8.54E+00	pCi/kg
Broadleaf Vegetation #3 maple/oak leaves(289781013) - VG	31-Oct-11	Cesium-137	2.98E+00	8.37E+00	1.28E+01	8.00E+01	8.48E+00	pCi/kg
Broadleaf Vegetation #3 maple/oak leaves(289781013) - VG	31-Oct-11	Iodine-131	5.23E+00	1.54E+01	2.61E+01	6.00E+01	1.56E+01	pCi/kg
Broadleaf Vegetation #3 maple/oak leaves(289781013) - VG	31-Oct-11	Potassium-40	1.41E+03	2.35E+02	1.05E+02		2.35E+02	pCi/kg

Broadleaf Vegetation #4 maple leaves

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VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #4 maple leaves(289781014) - VG	31-Oct-11	Beryllium-7	2.87E+03	2.99E+02	1.00E+02		2.99E+02	pCi/kg
Broadleaf Vegetation #4 maple leaves(289781014) - VG	31-Oct-11	Bismuth-214	1.05E+02	3.23E+01	2.29E+01		3.23E+01	pCi/kg
Broadleaf Vegetation #4 maple leaves(289781014) - VG	31-Oct-11	Cesium-134	1.23E+00	8.21E+00	1.41E+01	6.00E+01	8.23E+00	pCi/kg
Broadleaf Vegetation #4 maple leaves(289781014) - VG	31-Oct-11	Cesium-137	-4.16E+00	1.17E+01	1.31E+01	8.00E+01	1.18E+01	pCi/kg
Broadleaf Vegetation #4 maple leaves(289781014) - VG	31-Oct-11	Iodine-131	6.10E-01	1.41E+01	2.39E+01	6.00E+01	1.41E+01	pCi/kg
Broadleaf Vegetation #4 maple leaves(289781014) - VG	31-Oct-11	Potassium-40	1.46E+03	2.76E+02	1.12E+02		2.76E+02	pCi/kg

Broadleaf Vegetation #5 maple/oak leaves

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #5 maple/oak leaves(289781015) - VG	31-Oct-11	Beryllium-7	3.09E+03	3.31E+02	1.09E+02		3.31E+02	pCi/kg
Broadleaf Vegetation #5 maple/oak leaves(289781015) - VG	31-Oct-11	Cesium-134	2.37E-01	8.82E+00	1.50E+01	6.00E+01	8.83E+00	pCi/kg
Broadleaf Vegetation #5 maple/oak leaves(289781015) - VG	31-Oct-11	Cesium-137	1.14E+01	2.12E+01	1.28E+01	8.00E+01	2.12E+01	pCi/kg
Broadleaf Vegetation #5 maple/oak leaves(289781015) - VG	31-Oct-11	Iodine-131	7.47E+00	1.37E+01	2.40E+01	6.00E+01	1.41E+01	pCi/kg
Broadleaf Vegetation #5 maple/oak leaves(289781015) - VG	31-Oct-11	Lead-210	1.23E+03	3.09E+02	1.51E+02		3.09E+02	pCi/kg
Broadleaf Vegetation #5 maple/oak leaves(289781015) - VG	31-Oct-11	Potassium-40	1.22E+03	2.88E+02	1.21E+02		2.88E+02	pCi/kg

Broadleaf Vegetation #6 maple/oak leaves

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Beryllium-7	2.64E+03	2.97E+02	9.23E+01		2.97E+02	pCi/kg
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Bismuth-214	1.40E+02	3.26E+01	2.35E+01		3.26E+01	pCi/kg
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Cesium-134	2.56E+00	7.84E+00	1.37E+01	6.00E+01	7.92E+00	pCi/kg
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Cesium-137	1.09E+01	8.75E+00	1.23E+01	8.00E+01	8.75E+00	pCi/kg
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Iodine-131	7.51E+00	1.46E+01	2.54E+01	6.00E+01	1.50E+01	pCi/kg
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Lead-214	1.31E+02	3.49E+01	2.44E+01		3.49E+01	pCi/kg
Broadleaf Vegetation #6 maple/oak leaves(289781016) - VG	31-Oct-11	Potassium-40	1.27E+03	2.44E+02	1.19E+02		2.44E+02	pCi/kg

Broadleaf Vegetation #7 maple/oak leaves

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #7 maple/oak leaves(289781017) - VG	31-Oct-11	Beryllium-7	4.08E+03	4.10E+02	9.85E+01		4.10E+02	pCi/kg
Broadleaf Vegetation #7 maple/oak leaves(289781017) - VG	31-Oct-11	Cesium-134	2.06E+00	1.29E+01	1.41E+01	6.00E+01	1.29E+01	pCi/kg
Broadleaf Vegetation #7 maple/oak leaves(289781017) - VG	31-Oct-11	Cesium-137	1.39E+01	1.05E+01	1.19E+01	8.00E+01	1.05E+01	pCi/kg
Broadleaf Vegetation #7 maple/oak leaves(289781017) - VG	31-Oct-11	Iodine-131	5.36E+00	1.40E+01	2.45E+01	6.00E+01	1.43E+01	pCi/kg
Broadleaf Vegetation #7 maple/oak leaves(289781017) - VG	31-Oct-11	Potassium-40	1.60E+03	2.61E+02	1.06E+02		2.61E+02	pCi/kg

Broadleaf Vegetation #8 maple/oak leaves

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #8 maple/oak leaves(289781018) - VG	31-Oct-11	Beryllium-7	4.46E+03	4.67E+02	1.51E+02		4.67E+02	pCi/kg
Broadleaf Vegetation #8 maple/oak leaves(289781018) - VG	31-Oct-11	Cesium-134	9.31E-01	1.14E+01	1.90E+01	6.00E+01	1.15E+01	pCi/kg
Broadleaf Vegetation #8 maple/oak leaves(289781018) - VG	31-Oct-11	Cesium-137	2.96E+02	3.31E+01	1.61E+01	8.00E+01	3.31E+01	pCi/kg

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Broadleaf Vegetation #8 maple/oak leaves(289781018) - VG	31-Oct-11	Iodine-131	-6.71E+00	2.14E+01	3.49E+01	6.00E+01	2.16E+01	pCi/kg
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Broadleaf Vegetation #9 maple/oak leaves VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation #9 maple/oak leaves(289781019) - VG	31-Oct-11	Beryllium-7	3.11E+03	3.63E+02	1.36E+02		3.63E+02	pCi/kg
Broadleaf Vegetation #9 maple/oak leaves(289781019) - VG	31-Oct-11	Bismuth-214	1.60E+02	5.33E+01	3.35E+01		5.33E+01	pCi/kg
Broadleaf Vegetation #9 maple/oak leaves(289781019) - VG	31-Oct-11	Cesium-134	8.07E+00	1.36E+01	2.40E+01	6.00E+01	1.41E+01	pCi/kg
Broadleaf Vegetation #9 maple/oak leaves(289781019) - VG	31-Oct-11	Cesium-137	1.07E+02	2.41E+01	1.97E+01	8.00E+01	2.41E+01	pCi/kg
Broadleaf Vegetation #9 maple/oak leaves(289781019) - VG	31-Oct-11	Iodine-131	-1.09E+01	2.18E+01	3.51E+01	6.00E+01	2.23E+01	pCi/kg

Broadleaf Vegetation BV11 VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV11(288374002) - VG	28-Sep-11	Cesium-134	1.09E+00	5.75E+00	9.62E+00	6.00E+01	5.77E+00	pCi/kg
Broadleaf Vegetation BV11(288374002) - VG	28-Sep-11	Cesium-137	1.42E+00	4.95E+00	8.42E+00	8.00E+01	4.99E+00	pCi/kg
Broadleaf Vegetation BV11(288374002) - VG	28-Sep-11	Iodine-131	2.80E+01	3.92E+01	6.64E+01	6.00E+01	4.12E+01	pCi/kg

Broadleaf Vegetation BV11 Ferns VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV11 Ferns(283336001) - VG	27-Jul-11	Beryllium-7	4.16E+03	4.21E+02	1.06E+02		4.21E+02	pCi/kg
Broadleaf Vegetation BV11 Ferns(283336001) - VG	27-Jul-11	Cesium-134	1.06E+01	8.57E+00	1.53E+01	6.00E+01	9.81E+00	pCi/kg
Broadleaf Vegetation BV11 Ferns(283336001) - VG	27-Jul-11	Cesium-137	7.75E+00	7.57E+00	1.34E+01	8.00E+01	8.34E+00	pCi/kg
Broadleaf Vegetation BV11 Ferns(283336001) - VG	27-Jul-11	Iodine-131	1.05E+01	1.98E+01	3.35E+01	6.00E+01	2.03E+01	pCi/kg
Broadleaf Vegetation BV11 Ferns(283336001) - VG	27-Jul-11	Potassium-40	3.92E+03	4.65E+02	1.17E+02		4.65E+02	pCi/kg

Broadleaf Vegetation BV11 Ground Cover VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV11 Ground Cover(281196001) - VG	28-Jun-11	Beryllium-7	5.94E+02	1.15E+02	9.05E+01		1.15E+02	pCi/kg
Broadleaf Vegetation BV11 Ground Cover(281196001) - VG	28-Jun-11	Cesium-134	-8.39E-01	8.73E+00	1.29E+01	6.00E+01	8.73E+00	pCi/kg
Broadleaf Vegetation BV11 Ground Cover(281196001) - VG	28-Jun-11	Cesium-137	3.36E+00	6.48E+00	1.12E+01	8.00E+01	6.65E+00	pCi/kg
Broadleaf Vegetation BV11 Ground Cover(281196001) - VG	28-Jun-11	Iodine-131	-5.04E+00	1.84E+01	3.00E+01	6.00E+01	1.85E+01	pCi/kg
Broadleaf Vegetation BV11 Ground Cover(281196001) - VG	28-Jun-11	Potassium-40	3.26E+03	3.94E+02	1.02E+02		3.94E+02	pCi/kg

Broadleaf Vegetation BV11 Maple VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV11 Maple(285720009) - VG	29-Aug-11	Beryllium-7	1.54E+03	2.02E+02	1.05E+02		2.02E+02	pCi/kg
Broadleaf Vegetation BV11 Maple(285720009) - VG	29-Aug-11	Cesium-134	-1.48E+00	7.05E+00	1.16E+01	6.00E+01	7.08E+00	pCi/kg
Broadleaf Vegetation BV11 Maple(285720009) - VG	29-Aug-11	Cesium-137	9.15E+00	1.02E+01	1.08E+01	8.00E+01	1.02E+01	pCi/kg
Broadleaf Vegetation BV11 Maple(285720009) - VG	29-Aug-11	Iodine-131	-1.17E+01	3.78E+01	6.22E+01	6.00E+01	3.82E+01	pCi/kg
Broadleaf Vegetation BV11 Maple(285720009) - VG	29-Aug-11	Potassium-40	1.83E+03	2.69E+02	1.05E+02		2.69E+02	pCi/kg

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Broadleaf Vegetation BV12 Ferns VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV12 Ferns(281196002) - VG	28-Jun-11	Beryllium-7	2.44E+03	2.85E+02	1.25E+02		2.85E+02	pCi/kg
Broadleaf Vegetation BV12 Ferns(281196002) - VG	28-Jun-11	Cesium-134	1.01E+01	1.06E+01	1.88E+01	6.00E+01	1.15E+01	pCi/kg
Broadleaf Vegetation BV12 Ferns(281196002) - VG	28-Jun-11	Cesium-137	-2.12E+00	1.17E+01	1.69E+01	8.00E+01	1.17E+01	pCi/kg
Broadleaf Vegetation BV12 Ferns(281196002) - VG	28-Jun-11	Iodine-131	-1.41E+01	2.39E+01	3.93E+01	6.00E+01	2.48E+01	pCi/kg
Broadleaf Vegetation BV12 Ferns(281196002) - VG	28-Jun-11	Potassium-40	6.32E+03	6.59E+02	1.45E+02		6.59E+02	pCi/kg

Broadleaf Vegetation BV12 Milkweed VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV12 Milkweed(283336002) - VG	27-Jul-11	Beryllium-7	1.95E+03	1.91E+02	3.92E+01		1.91E+02	pCi/kg
Broadleaf Vegetation BV12 Milkweed(283336002) - VG	27-Jul-11	Cesium-134	-7.04E-01	2.56E+00	4.28E+00	6.00E+01	2.58E+00	pCi/kg
Broadleaf Vegetation BV12 Milkweed(283336002) - VG	27-Jul-11	Cesium-137	2.72E+00	4.43E+00	3.35E+00	8.00E+01	4.43E+00	pCi/kg
Broadleaf Vegetation BV12 Milkweed(283336002) - VG	27-Jul-11	Iodine-131	-6.58E+00	3.27E+01	5.46E+01	6.00E+01	3.28E+01	pCi/kg
Broadleaf Vegetation BV12 Milkweed(283336002) - VG	27-Jul-11	Potassium-40	3.27E+03	3.05E+02	3.13E+01		3.05E+02	pCi/kg

Broadleaf Vegetation BV12 Sassafrass VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV12 Sassafrass(285720010) - VG	29-Aug-11	Beryllium-7	1.12E+03	1.96E+02	1.28E+02		1.96E+02	pCi/kg
Broadleaf Vegetation BV12 Sassafrass(285720010) - VG	29-Aug-11	Cesium-134	2.06E+00	9.14E+00	1.59E+01	6.00E+01	9.19E+00	pCi/kg
Broadleaf Vegetation BV12 Sassafrass(285720010) - VG	29-Aug-11	Cesium-137	6.50E+00	7.98E+00	1.38E+01	8.00E+01	8.50E+00	pCi/kg
Broadleaf Vegetation BV12 Sassafrass(285720010) - VG	29-Aug-11	Iodine-131	-3.23E+01	4.27E+01	6.96E+01	6.00E+01	4.51E+01	pCi/kg
Broadleaf Vegetation BV12 Sassafrass(285720010) - VG	29-Aug-11	Potassium-40	2.49E+03	3.27E+02	1.13E+02		3.27E+02	pCi/kg

Broadleaf Vegetation BV13 Ferns VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV13 Ferns(285720011) - VG	29-Aug-11	Beryllium-7	6.33E+03	6.28E+02	1.45E+02		6.28E+02	pCi/kg
Broadleaf Vegetation BV13 Ferns(285720011) - VG	29-Aug-11	Cesium-134	2.67E+00	1.20E+01	1.83E+01	6.00E+01	1.21E+01	pCi/kg
Broadleaf Vegetation BV13 Ferns(285720011) - VG	29-Aug-11	Cesium-137	1.93E+01	1.32E+01	1.36E+01	8.00E+01	1.32E+01	pCi/kg
Broadleaf Vegetation BV13 Ferns(285720011) - VG	29-Aug-11	Iodine-131	5.71E+00	4.79E+01	8.28E+01	6.00E+01	4.79E+01	pCi/kg
Broadleaf Vegetation BV13 Ferns(285720011) - VG	29-Aug-11	Potassium-40	4.77E+03	5.40E+02	1.50E+02		5.40E+02	pCi/kg

Broadleaf Vegetation BV13 Milkweed VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV13 Milkweed(281196003) - VG	28-Jun-11	Beryllium-7	1.18E+03	1.41E+02	6.19E+01		1.41E+02	pCi/kg
Broadleaf Vegetation BV13 Milkweed(281196003) - VG	28-Jun-11	Cesium-134	5.36E-01	4.92E+00	8.50E+00	6.00E+01	4.93E+00	pCi/kg
Broadleaf Vegetation BV13 Milkweed(281196003) - VG	28-Jun-11	Cesium-137	3.27E+00	4.50E+00	7.71E+00	8.00E+01	4.73E+00	pCi/kg
Broadleaf Vegetation BV13 Milkweed(281196003) - VG	28-Jun-11	Iodine-131	-4.76E-01	1.18E+01	1.99E+01	6.00E+01	1.18E+01	pCi/kg
Broadleaf Vegetation BV13 Milkweed(281196003) - VG	28-Jun-11	Potassium-40	4.07E+03	3.96E+02	5.81E+01		3.96E+02	pCi/kg

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Broadleaf Vegetation BV13 Weeds VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV13 Weeds(283336003) - VG	27-Jul-11	Beryllium-7	2.51E+03	2.45E+02	5.53E+01		2.45E+02	pCi/kg
Broadleaf Vegetation BV13 Weeds(283336003) - VG	27-Jul-11	Cesium-134	2.20E+00	4.74E+00	8.02E+00	6.00E+01	4.84E+00	pCi/kg
Broadleaf Vegetation BV13 Weeds(283336003) - VG	27-Jul-11	Cesium-137	9.66E+00	4.46E+00	5.76E+00	8.00E+01	4.46E+00	pCi/kg
Broadleaf Vegetation BV13 Weeds(283336003) - VG	27-Jul-11	Iodine-131	5.68E+00	9.52E+00	1.61E+01	6.00E+01	9.86E+00	pCi/kg
Broadleaf Vegetation BV13 Weeds(283336003) - VG	27-Jul-11	Potassium-40	5.54E+03	5.35E+02	6.06E+01		5.35E+02	pCi/kg

Broadleaf Vegetation BV21 VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV21(288374003) - VG	28-Sep-11	Cesium-134	3.31E+00	4.54E+00	7.56E+00	6.00E+01	4.78E+00	pCi/kg
Broadleaf Vegetation BV21(288374003) - VG	28-Sep-11	Cesium-137	8.04E+01	1.08E+01	5.82E+00	8.00E+01	1.08E+01	pCi/kg
Broadleaf Vegetation BV21(288374003) - VG	28-Sep-11	Iodine-131	4.02E+01	2.73E+01	4.78E+01	6.00E+01	3.28E+01	pCi/kg

Broadleaf Vegetation BV21 Bush VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV21 Bush(283336004) - VG	28-Jul-11	Beryllium-7	6.38E+02	8.17E+01	3.88E+01		8.17E+01	pCi/kg
Broadleaf Vegetation BV21 Bush(283336004) - VG	28-Jul-11	Cesium-134	1.72E+00	3.10E+00	5.42E+00	6.00E+01	3.19E+00	pCi/kg
Broadleaf Vegetation BV21 Bush(283336004) - VG	28-Jul-11	Cesium-137	1.43E+01	5.13E+00	4.67E+00	8.00E+01	5.13E+00	pCi/kg
Broadleaf Vegetation BV21 Bush(283336004) - VG	28-Jul-11	Iodine-131	2.01E+00	6.73E+00	1.15E+01	6.00E+01	6.79E+00	pCi/kg
Broadleaf Vegetation BV21 Bush(283336004) - VG	28-Jul-11	Potassium-40	8.44E+02	1.23E+02	4.78E+01		1.23E+02	pCi/kg

Broadleaf Vegetation BV21 Ferns VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV21 Ferns(285720012) - VG	29-Aug-11	Beryllium-7	5.89E+03	6.39E+02	1.45E+02		6.39E+02	pCi/kg
Broadleaf Vegetation BV21 Ferns(285720012) - VG	29-Aug-11	Cesium-134	1.96E+01	1.90E+01	2.28E+01	6.00E+01	2.09E+01	pCi/kg
Broadleaf Vegetation BV21 Ferns(285720012) - VG	29-Aug-11	Cesium-137	9.38E+00	1.21E+01	1.76E+01	8.00E+01	1.21E+01	pCi/kg
Broadleaf Vegetation BV21 Ferns(285720012) - VG	29-Aug-11	Iodine-131	4.97E+00	4.90E+01	8.43E+01	6.00E+01	4.91E+01	pCi/kg
Broadleaf Vegetation BV21 Ferns(285720012) - VG	29-Aug-11	Potassium-40	4.93E+03	5.63E+02	1.64E+02		5.63E+02	pCi/kg

Broadleaf Vegetation BV21 Maple VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV21 Maple(281196004) - VG	28-Jun-11	Beryllium-7	3.73E+03	3.71E+02	9.81E+01		3.71E+02	pCi/kg
Broadleaf Vegetation BV21 Maple(281196004) - VG	28-Jun-11	Cesium-134	-2.70E+00	7.03E+00	1.17E+01	6.00E+01	7.13E+00	pCi/kg
Broadleaf Vegetation BV21 Maple(281196004) - VG	28-Jun-11	Cesium-137	6.52E+01	1.54E+01	9.96E+00	8.00E+01	1.54E+01	pCi/kg
Broadleaf Vegetation BV21 Maple(281196004) - VG	28-Jun-11	Iodine-131	-7.26E+00	1.72E+01	2.91E+01	6.00E+01	1.75E+01	pCi/kg
Broadleaf Vegetation BV21 Maple(281196004) - VG	28-Jun-11	Potassium-40	1.86E+03	2.78E+02	1.01E+02		2.78E+02	pCi/kg

Broadleaf Vegetation BV22 Sassafrass VG

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Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV22 Sassafrass(281196005) - VG	28-Jun-11	Beryllium-7	5.92E+02	1.26E+02	9.27E+01		1.26E+02	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(283336005) - VG	28-Jul-11	Beryllium-7	8.18E+02	1.03E+02	5.38E+01		1.03E+02	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(285720013) - VG	29-Aug-11	Beryllium-7	1.24E+03	1.71E+02	9.46E+01		1.71E+02	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(281196005) - VG	28-Jun-11	Cesium-134	-3.49E+00	8.34E+00	1.38E+01	6.00E+01	8.49E+00	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(283336005) - VG	28-Jul-11	Cesium-134	-7.27E+00	7.11E+00	7.48E+00	6.00E+01	7.83E+00	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(285720013) - VG	29-Aug-11	Cesium-134	1.39E+00	6.69E+00	1.13E+01	6.00E+01	6.72E+00	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(281196005) - VG	28-Jun-11	Cesium-137	2.81E+01	1.30E+01	1.23E+01	8.00E+01	1.30E+01	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(283336005) - VG	28-Jul-11	Cesium-137	2.23E+01	8.18E+00	6.68E+00	8.00E+01	8.18E+00	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(285720013) - VG	29-Aug-11	Cesium-137	4.47E+00	6.15E+00	1.08E+01	8.00E+01	6.47E+00	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(281196005) - VG	28-Jun-11	Iodine-131	-8.29E+00	1.73E+01	2.89E+01	6.00E+01	1.77E+01	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(283336005) - VG	28-Jul-11	Iodine-131	-6.85E+00	9.12E+00	1.48E+01	6.00E+01	9.62E+00	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(285720013) - VG	29-Aug-11	Iodine-131	6.82E+00	3.48E+01	5.74E+01	6.00E+01	3.50E+01	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(281196005) - VG	28-Jun-11	Potassium-40	2.55E+03	3.34E+02	9.64E+01		3.34E+02	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(283336005) - VG	28-Jul-11	Potassium-40	2.27E+03	2.52E+02	6.38E+01		2.52E+02	pCi/kg
Broadleaf Vegetation BV22 Sassafrass(285720013) - VG	29-Aug-11	Potassium-40	2.72E+03	3.21E+02	1.01E+02		3.21E+02	pCi/kg

Broadleaf Vegetation BV23 Bush VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV23 Bush(283336006) - VG	28-Jul-11	Beryllium-7	1.86E+03	1.89E+02	4.98E+01		1.89E+02	pCi/kg
Broadleaf Vegetation BV23 Bush(283336006) - VG	28-Jul-11	Cesium-134	3.39E+00	4.54E+00	7.72E+00	6.00E+01	4.79E+00	pCi/kg
Broadleaf Vegetation BV23 Bush(283336006) - VG	28-Jul-11	Cesium-137	7.19E+00	4.58E+00	6.15E+00	8.00E+01	4.58E+00	pCi/kg
Broadleaf Vegetation BV23 Bush(283336006) - VG	28-Jul-11	Iodine-131	-1.63E+00	8.38E+00	1.43E+01	6.00E+01	8.41E+00	pCi/kg
Broadleaf Vegetation BV23 Bush(283336006) - VG	28-Jul-11	Potassium-40	1.79E+03	2.08E+02	5.74E+01		2.08E+02	pCi/kg

Broadleaf Vegetation BV23 Ferns VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV23 Ferns(281196006) - VG	28-Jun-11	Beryllium-7	2.57E+03	2.84E+02	1.10E+02		2.84E+02	pCi/kg
Broadleaf Vegetation BV23 Ferns(281196006) - VG	28-Jun-11	Cesium-134	6.56E-01	9.71E+00	1.47E+01	6.00E+01	9.72E+00	pCi/kg
Broadleaf Vegetation BV23 Ferns(281196006) - VG	28-Jun-11	Cesium-137	2.23E+02	2.44E+01	1.23E+01	8.00E+01	2.44E+01	pCi/kg
Broadleaf Vegetation BV23 Ferns(281196006) - VG	28-Jun-11	Iodine-131	2.10E+01	2.12E+01	3.59E+01	6.00E+01	2.32E+01	pCi/kg
Broadleaf Vegetation BV23 Ferns(281196006) - VG	28-Jun-11	Potassium-40	4.49E+03	4.85E+02	1.08E+02		4.85E+02	pCi/kg

Broadleaf Vegetation BV23 Tree VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BV23 Tree(285720014) - VG	29-Aug-11	Beryllium-7	2.38E+03	2.86E+02	1.30E+02		2.86E+02	pCi/kg
Broadleaf Vegetation BV23 Tree(285720014) - VG	29-Aug-11	Cesium-134	-5.56E+00	1.06E+01	1.56E+01	6.00E+01	1.09E+01	pCi/kg
Broadleaf Vegetation BV23 Tree(285720014) - VG	29-Aug-11	Cesium-137	-1.74E-01	9.52E+00	1.37E+01	8.00E+01	9.52E+00	pCi/kg
Broadleaf Vegetation BV23 Tree(285720014) - VG	29-Aug-11	Iodine-131	-7.76E+00	4.31E+01	7.10E+01	6.00E+01	4.32E+01	pCi/kg
Broadleaf Vegetation BV23 Tree(285720014) - VG	29-Aug-11	Potassium-40	5.16E+03	5.71E+02	1.34E+02		5.71E+02	pCi/kg

Broadleaf Vegetation BVC1 Cottonwood

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VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BVC1 Cottonwood(283336007) - VG	28-Jul-11	Beryllium-7	3.76E+03	3.56E+02	5.50E+01		3.56E+02	pCi/kg
Broadleaf Vegetation BVC1 Cottonwood(283336007) - VG	28-Jul-11	Cesium-134	7.33E+00	4.76E+00	8.64E+00	6.00E+01	5.79E+00	pCi/kg
Broadleaf Vegetation BVC1 Cottonwood(283336007) - VG	28-Jul-11	Cesium-137	2.14E+00	6.62E+00	6.52E+00	8.00E+01	6.62E+00	pCi/kg
Broadleaf Vegetation BVC1 Cottonwood(283336007) - VG	28-Jul-11	Iodine-131	6.33E-01	9.94E+00	1.67E+01	6.00E+01	9.95E+00	pCi/kg
Broadleaf Vegetation BVC1 Cottonwood(283336007) - VG	28-Jul-11	Potassium-40	4.28E+03	4.17E+02	5.99E+01		4.17E+02	pCi/kg

Broadleaf Vegetation BVC1 Fern Tree

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BVC1 Fern Tree(281196007) - VG	29-Jun-11	Beryllium-7	1.27E+03	1.31E+02	4.06E+01		1.31E+02	pCi/kg
Broadleaf Vegetation BVC1 Fern Tree(281196007) - VG	29-Jun-11	Cesium-134	1.52E+00	3.67E+00	6.34E+00	6.00E+01	3.73E+00	pCi/kg
Broadleaf Vegetation BVC1 Fern Tree(281196007) - VG	29-Jun-11	Cesium-137	-4.77E-01	2.78E+00	4.72E+00	8.00E+01	2.79E+00	pCi/kg
Broadleaf Vegetation BVC1 Fern Tree(281196007) - VG	29-Jun-11	Iodine-131	3.92E+00	7.30E+00	1.24E+01	6.00E+01	7.51E+00	pCi/kg
Broadleaf Vegetation BVC1 Fern Tree(281196007) - VG	29-Jun-11	Potassium-40	6.04E+03	6.14E+02	4.04E+01		6.14E+02	pCi/kg

Broadleaf Vegetation BVC2 Peapod Tree

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BVC2 Peapod Tree(283336008) - VG	28-Jul-11	Beryllium-7	7.65E+02	1.09E+02	7.25E+01		1.09E+02	pCi/kg
Broadleaf Vegetation BVC2 Peapod Tree(283336008) - VG	28-Jul-11	Cesium-134	5.04E+00	6.00E+00	1.03E+01	6.00E+01	6.41E+00	pCi/kg
Broadleaf Vegetation BVC2 Peapod Tree(283336008) - VG	28-Jul-11	Cesium-137	1.36E+01	1.06E+01	8.00E+00	8.00E+01	1.06E+01	pCi/kg
Broadleaf Vegetation BVC2 Peapod Tree(283336008) - VG	28-Jul-11	Iodine-131	-8.06E-01	1.42E+01	2.43E+01	6.00E+01	1.42E+01	pCi/kg
Broadleaf Vegetation BVC2 Peapod Tree(283336008) - VG	28-Jul-11	Potassium-40	3.35E+03	3.84E+02	7.73E+01		3.84E+02	pCi/kg

Broadleaf Vegetation BVC2 Spade Leaf Tre

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BVC2 Spade Leaf Tre(281196008) - VG	29-Jun-11	Beryllium-7	6.25E+02	9.49E+01	5.77E+01		9.49E+01	pCi/kg
Broadleaf Vegetation BVC2 Spade Leaf Tre(281196008) - VG	29-Jun-11	Cesium-134	-3.86E+00	5.32E+00	7.31E+00	6.00E+01	5.59E+00	pCi/kg
Broadleaf Vegetation BVC2 Spade Leaf Tre(281196008) - VG	29-Jun-11	Cesium-137	3.63E+00	5.16E+00	6.81E+00	8.00E+01	5.16E+00	pCi/kg
Broadleaf Vegetation BVC2 Spade Leaf Tre(281196008) - VG	29-Jun-11	Iodine-131	-1.02E+00	1.07E+01	1.78E+01	6.00E+01	1.07E+01	pCi/kg
Broadleaf Vegetation BVC2 Spade Leaf Tre(281196008) - VG	29-Jun-11	Potassium-40	3.08E+03	3.19E+02	6.33E+01		3.19E+02	pCi/kg

Broadleaf Vegetation BVC3 Bush

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BVC3 Bush(281196009) - VG	29-Jun-11	Beryllium-7	2.51E+03	2.86E+02	9.65E+01		2.86E+02	pCi/kg
Broadleaf Vegetation BVC3 Bush(281196009) - VG	29-Jun-11	Cesium-134	8.16E+00	8.55E+00	1.52E+01	6.00E+01	9.31E+00	pCi/kg
Broadleaf Vegetation BVC3 Bush(281196009) - VG	29-Jun-11	Cesium-137	-8.46E+00	1.33E+01	2.07E+01	8.00E+01	1.38E+01	pCi/kg
Broadleaf Vegetation BVC3 Bush(281196009) - VG	29-Jun-11	Iodine-131	7.69E+00	1.66E+01	2.90E+01	6.00E+01	1.70E+01	pCi/kg
Broadleaf Vegetation BVC3 Bush(281196009) - VG	29-Jun-11	Potassium-40	5.02E+03	5.27E+02	1.13E+02		5.27E+02	pCi/kg

Broadleaf Vegetation BVC3 Weeds

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VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation BVC3 Weeds(283336009) - VG	28-Jul-11	Beryllium-7	1.89E+03	1.91E+02	4.38E+01		1.91E+02	pCi/kg
Broadleaf Vegetation BVC3 Weeds(283336009) - VG	28-Jul-11	Cesium-134	1.22E+00	3.61E+00	6.05E+00	6.00E+01	3.66E+00	pCi/kg
Broadleaf Vegetation BVC3 Weeds(283336009) - VG	28-Jul-11	Cesium-137	1.31E+00	3.14E+00	5.32E+00	8.00E+01	3.19E+00	pCi/kg
Broadleaf Vegetation BVC3 Weeds(283336009) - VG	28-Jul-11	Iodine-131	-2.25E+00	7.07E+00	1.21E+01	6.00E+01	7.14E+00	pCi/kg
Broadleaf Vegetation BVC3 Weeds(283336009) - VG	28-Jul-11	Potassium-40	5.80E+03	5.84E+02	4.85E+01		5.84E+02	pCi/kg

Broadleaf Vegetation Control BVC1

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation Control BVC1(288374001) - VG	28-Sep-11	Cesium-134	3.73E+00	5.09E+00	8.82E+00	6.00E+01	5.36E+00	pCi/kg
Broadleaf Vegetation Control BVC1(288374001) - VG	28-Sep-11	Cesium-137	5.64E+00	4.04E+00	7.24E+00	8.00E+01	4.78E+00	pCi/kg
Broadleaf Vegetation Control BVC1(288374001) - VG	28-Sep-11	Iodine-131	4.63E+00	3.06E+01	5.20E+01	6.00E+01	3.06E+01	pCi/kg

Broadleaf Vegetation Control BVC1 Bush

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation Control BVC1 Bush(285720015) - VG	31-Aug-11	Beryllium-7	2.50E+03	2.65E+02	7.92E+01		2.65E+02	pCi/kg
Broadleaf Vegetation Control BVC1 Bush(285720015) - VG	31-Aug-11	Cesium-134	-2.85E+00	6.09E+00	1.00E+01	6.00E+01	6.22E+00	pCi/kg
Broadleaf Vegetation Control BVC1 Bush(285720015) - VG	31-Aug-11	Cesium-137	-1.83E+00	7.37E+00	9.42E+00	8.00E+01	7.42E+00	pCi/kg
Broadleaf Vegetation Control BVC1 Bush(285720015) - VG	31-Aug-11	Iodine-131	-1.30E+01	2.41E+01	3.97E+01	6.00E+01	2.48E+01	pCi/kg
Broadleaf Vegetation Control BVC1 Bush(285720015) - VG	31-Aug-11	Potassium-40	4.88E+03	4.91E+02	7.35E+01		4.91E+02	pCi/kg

Broadleaf Vegetation Control BVC2 Tree

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation Control BVC2 Tree(285720016) - VG	31-Aug-11	Beryllium-7	2.66E+03	3.07E+02	1.23E+02		3.07E+02	pCi/kg
Broadleaf Vegetation Control BVC2 Tree(285720016) - VG	31-Aug-11	Cesium-134	-3.24E+00	1.01E+01	1.63E+01	6.00E+01	1.02E+01	pCi/kg
Broadleaf Vegetation Control BVC2 Tree(285720016) - VG	31-Aug-11	Cesium-137	9.60E-01	8.20E+00	1.38E+01	8.00E+01	8.21E+00	pCi/kg
Broadleaf Vegetation Control BVC2 Tree(285720016) - VG	31-Aug-11	Iodine-131	-3.40E+01	3.70E+01	6.13E+01	6.00E+01	4.00E+01	pCi/kg
Broadleaf Vegetation Control BVC2 Tree(285720016) - VG	31-Aug-11	Potassium-40	5.03E+03	5.76E+02	1.21E+02		5.76E+02	pCi/kg

Broadleaf Vegetation Control BVC3 Tree

VG

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Broadleaf Vegetation Control BVC3 Tree(285720017) - VG	31-Aug-11	Beryllium-7	1.40E+03	1.79E+02	9.37E+01		1.79E+02	pCi/kg
Broadleaf Vegetation Control BVC3 Tree(285720017) - VG	31-Aug-11	Cesium-134	7.73E-01	7.41E+00	1.28E+01	6.00E+01	7.42E+00	pCi/kg
Broadleaf Vegetation Control BVC3 Tree(285720017) - VG	31-Aug-11	Cesium-137	1.06E+01	5.88E+00	1.06E+01	8.00E+01	7.56E+00	pCi/kg
Broadleaf Vegetation Control BVC3 Tree(285720017) - VG	31-Aug-11	Iodine-131	2.16E+01	2.67E+01	4.69E+01	6.00E+01	2.84E+01	pCi/kg
Broadleaf Vegetation Control BVC3 Tree(285720017) - VG	31-Aug-11	Potassium-40	6.19E+03	6.02E+02	7.43E+01		6.02E+02	pCi/kg

Domestic Water - DW

DW

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
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Domestic Water - DW(271787003) - DW	15-Jan-11	BETA	1.80E+00	2.09E+00	2.98E+00	4.00E+00	2.11E+00	pCi/L
Domestic Water - DW(273819003) - DW	15-Feb-11	BETA	2.42E+00	2.14E+00	2.87E+00	4.00E+00	2.18E+00	pCi/L
Domestic Water - DW(276054003) - DW	15-Mar-11	BETA	9.30E-01	2.15E+00	3.35E+00	4.00E+00	2.16E+00	pCi/L
Domestic Water - DW(279932003) - DW	15-Apr-11	BETA	6.98E-01	2.21E+00	3.58E+00	4.00E+00	2.21E+00	pCi/L
Domestic Water - DW(279935003) - DW	15-May-11	BETA	1.61E+00	2.08E+00	3.01E+00	4.00E+00	2.10E+00	pCi/L
Domestic Water - DW(282718003) - DW	15-Jun-11	BETA	1.80E+00	2.26E+00	3.54E+00	4.00E+00	2.28E+00	pCi/L
Domestic Water - DW(285104003) - DW	15-Jul-11	BETA	2.17E-01	2.04E+00	3.37E+00	4.00E+00	2.04E+00	pCi/L
Domestic Water - DW(285720007) - DW	11-Aug-11	BETA	1.93E+00	2.14E+00	3.03E+00	4.00E+00	2.16E+00	pCi/L
Domestic Water - DW(288369003) - DW	15-Sep-11	BETA	2.52E+00	2.36E+00	3.47E+00	4.00E+00	2.39E+00	pCi/L
Domestic Water - DW(290910003) - DW	15-Oct-11	BETA	1.20E+00	1.81E+00	2.63E+00	4.00E+00	1.82E+00	pCi/L
Domestic Water - DW(292767003) - DW	15-Nov-11	BETA	1.09E+00	1.80E+00	2.66E+00	4.00E+00	1.81E+00	pCi/L
Domestic Water - DW(294801003) - DW	15-Dec-11	BETA	5.31E-01	2.10E+00	3.36E+00	4.00E+00	2.11E+00	pCi/L
Domestic Water - DW(271787003) - DW	15-Jan-11	Tritium	1.29E+02	2.60E+02	4.18E+02	2.00E+03	2.61E+02	pCi/L
Domestic Water - DW(273819003) - DW	15-Feb-11	Tritium	3.08E+01	3.10E+02	5.15E+02	2.00E+03	3.10E+02	pCi/L
Domestic Water - DW(276054003) - DW	15-Mar-11	Tritium	2.39E+02	2.80E+02	4.30E+02	2.00E+03	2.84E+02	pCi/L
Domestic Water - DW(279932003) - DW	15-Apr-11	Tritium	-1.16E+02	2.97E+02	5.19E+02	2.00E+03	2.97E+02	pCi/L
Domestic Water - DW(279935003) - DW	15-May-11	Tritium	3.23E+01	3.15E+02	5.23E+02	2.00E+03	3.15E+02	pCi/L
Domestic Water - DW(282718003) - DW	15-Jun-11	Tritium	2.84E+02	3.22E+02	4.92E+02	2.00E+03	3.27E+02	pCi/L
Domestic Water - DW(285104003) - DW	15-Jul-11	Tritium	-1.22E+01	2.63E+02	4.44E+02	2.00E+03	2.63E+02	pCi/L
Domestic Water - DW(285720007) - DW	11-Aug-11	Tritium	-4.73E+01	2.61E+02	4.45E+02	2.00E+03	2.61E+02	pCi/L
Domestic Water - DW(288369003) - DW	15-Sep-11	Tritium	2.06E+02	3.06E+02	4.83E+02	2.00E+03	3.09E+02	pCi/L
Domestic Water - DW(290910003) - DW	15-Oct-11	Tritium	1.61E+02	3.66E+02	5.87E+02	2.00E+03	3.68E+02	pCi/L
Domestic Water - DW(292767003) - DW	15-Nov-11	Tritium	2.84E+01	3.15E+02	5.24E+02	2.00E+03	3.15E+02	pCi/L
Domestic Water - DW(294801003) - DW	15-Dec-11	Tritium	-2.13E+02	2.62E+02	4.75E+02	2.00E+03	2.62E+02	pCi/L

Fish FSH1 Indicator FH

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Cesium-134	-7.81E-02	2.98E+00	4.98E+00	1.30E+02	2.98E+00	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Cesium-137	5.56E+00	4.80E+00	4.29E+00	1.50E+02	4.80E+00	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Cobalt-58	-3.36E-01	3.89E+00	6.46E+00	1.30E+02	3.89E+00	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Cobalt-60	2.68E+00	2.87E+00	5.14E+00	1.30E+02	3.11E+00	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Iodine-131	-4.92E+01	1.82E+02	2.99E+02	6.00E+01	1.83E+02	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Iron-59	1.60E+00	1.23E+01	2.12E+01	2.60E+02	1.23E+01	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Manganese-54	-3.18E+00	3.23E+00	4.23E+00	1.30E+02	3.53E+00	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Potassium-40	2.76E+03	2.61E+02	4.03E+01	5.00E+02	2.61E+02	pCi/kg
Fish FSH1 Indicator(286813001) - FH	12-Aug-11	Zinc-65	-5.68E+00	7.63E+00	1.25E+01	2.60E+02	8.05E+00	pCi/kg

Fish Palisades Brown Trout FH

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Cesium-134	8.46E-01	4.28E+00	4.23E+00	1.30E+02	4.29E+00	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Cesium-137	1.34E+01	3.91E+00	3.00E+00	1.50E+02	3.91E+00	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Cobalt-58	-1.33E+00	4.24E+00	4.13E+00	1.30E+02	4.29E+00	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Cobalt-60	3.57E-01	2.24E+00	3.71E+00	1.30E+02	2.24E+00	pCi/kg

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Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Iodine-131	-2.49E+01	1.95E+01	3.18E+01	6.00E+01	2.25E+01	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Iron-59	-6.69E+00	6.53E+00	1.03E+01	2.60E+02	7.19E+00	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Manganese-54	-5.97E-01	1.96E+00	3.29E+00	1.30E+02	1.97E+00	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Potassium-40	3.60E+03	3.34E+02	2.82E+01	5.00E+02	3.34E+02	pCi/kg
Fish Palisades Brown Trout(291365003) - FH	8-Nov-11	Zinc-65	-3.51E+00	5.79E+00	9.39E+00	2.60E+02	6.00E+00	pCi/kg

Fish Palisades Lake Trout FH

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Cesium-134	-5.29E-01	2.57E+00	3.96E+00	1.30E+02	2.58E+00	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Cesium-137	2.02E+01	3.86E+00	3.45E+00	1.50E+02	3.86E+00	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Cobalt-58	-1.07E+00	2.47E+00	3.74E+00	1.30E+02	2.52E+00	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Cobalt-60	4.98E-01	2.26E+00	3.85E+00	1.30E+02	2.27E+00	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Iodine-131	-3.30E+00	2.22E+01	3.61E+01	6.00E+01	2.22E+01	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Iron-59	1.54E+00	6.49E+00	1.12E+01	2.60E+02	6.53E+00	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Manganese-54	2.02E-01	2.02E+00	3.36E+00	1.30E+02	2.02E+00	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Potassium-40	2.45E+03	2.25E+02	3.19E+01	5.00E+02	2.25E+02	pCi/kg
Fish Palisades Lake Trout(291365002) - FH	8-Nov-11	Zinc-65	-1.24E+01	8.09E+00	7.86E+00	2.60E+02	9.83E+00	pCi/kg

Fish Palisades Lake Trout (Discharge) FH

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Cesium-134	2.35E+00	2.17E+00	3.78E+00	1.30E+02	2.41E+00	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Cesium-137	1.66E+01	4.23E+00	2.86E+00	1.50E+02	4.23E+00	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Cobalt-58	-4.65E-01	2.19E+00	3.61E+00	1.30E+02	2.20E+00	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Cobalt-60	1.43E-01	2.03E+00	3.41E+00	1.30E+02	2.03E+00	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Iodine-131	-1.62E+01	2.89E+01	3.24E+01	6.00E+01	2.98E+01	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Iron-59	2.52E+00	5.66E+00	9.82E+00	2.60E+02	5.77E+00	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Manganese-54	-1.29E+00	1.86E+00	2.98E+00	1.30E+02	1.95E+00	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Potassium-40	2.34E+03	2.19E+02	2.89E+01	5.00E+02	2.19E+02	pCi/kg
Fish Palisades Lake Trout (Discharge)(291365001) - FH	8-Nov-11	Zinc-65	-3.33E+00	4.70E+00	7.69E+00	2.60E+02	4.93E+00	pCi/kg

Lake In - LKIN SW

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Lake In - LKIN(271787001) - SW	15-Jan-11	BETA	5.30E-01	2.29E+00	3.78E+00	4.00E+00	2.29E+00	pCi/L
Lake In - LKIN(273819001) - SW	15-Feb-11	BETA	3.51E+00	2.40E+00	3.09E+00	4.00E+00	2.47E+00	pCi/L
Lake In - LKIN(276054001) - SW	15-Mar-11	BETA	6.33E+00	2.78E+00	3.08E+00	4.00E+00	2.96E+00	pCi/L
Lake In - LKIN(279932001) - SW	15-Apr-11	BETA	5.04E-02	2.11E+00	3.53E+00	4.00E+00	2.11E+00	pCi/L
Lake In - LKIN(279935001) - SW	15-May-11	BETA	1.11E+00	2.19E+00	3.45E+00	4.00E+00	2.20E+00	pCi/L
Lake In - LKIN(282718001) - SW	15-Jun-11	BETA	8.30E+00	2.70E+00	3.53E+00	4.00E+00	3.02E+00	pCi/L
Lake In - LKIN(285104001) - SW	15-Jul-11	BETA	2.20E+00	2.39E+00	3.42E+00	4.00E+00	2.42E+00	pCi/L
Lake In - LKIN(285720005) - SW	11-Aug-11	BETA	2.56E+00	2.12E+00	3.21E+00	4.00E+00	2.16E+00	pCi/L
Lake In - LKIN(288369001) - SW	15-Sep-11	BETA	2.04E+00	2.37E+00	3.62E+00	4.00E+00	2.40E+00	pCi/L
Lake In - LKIN(290910002) - SW	15-Oct-11	BETA	3.52E+00	2.20E+00	2.68E+00	4.00E+00	2.27E+00	pCi/L

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Lake In - LKIN(292767001) - SW	15-Nov-11	BETA	1.37E+00	1.98E+00	2.90E+00	4.00E+00	1.99E+00	pCi/L
Lake In - LKIN(294801001) - SW	15-Dec-11	BETA	7.28E-01	1.91E+00	3.00E+00	4.00E+00	1.92E+00	pCi/L
Lake In - LKIN(271787001) - SW	15-Jan-11	Tritium	-2.48E+01	2.47E+02	4.18E+02	2.00E+03	2.47E+02	pCi/L
Lake In - LKIN(273819001) - SW	15-Feb-11	Tritium	1.43E+01	3.10E+02	5.19E+02	2.00E+03	3.10E+02	pCi/L
Lake In - LKIN(276054001) - SW	15-Mar-11	Tritium	1.57E+02	2.75E+02	4.35E+02	2.00E+03	2.77E+02	pCi/L
Lake In - LKIN(279932001) - SW	15-Apr-11	Tritium	1.14E+02	3.21E+02	5.20E+02	2.00E+03	3.22E+02	pCi/L
Lake In - LKIN(279935001) - SW	15-May-11	Tritium	1.31E+02	3.23E+02	5.20E+02	2.00E+03	3.24E+02	pCi/L
Lake In - LKIN(282718001) - SW	15-Jun-11	Tritium	4.96E+01	3.04E+02	5.02E+02	2.00E+03	3.04E+02	pCi/L
Lake In - LKIN(285104001) - SW	15-Jul-11	Tritium	2.20E+02	2.82E+02	4.43E+02	2.00E+03	2.85E+02	pCi/L
Lake In - LKIN(285720005) - SW	11-Aug-11	Tritium	2.24E+01	2.63E+02	4.38E+02	2.00E+03	2.63E+02	pCi/L
Lake In - LKIN(288369001) - SW	15-Sep-11	Tritium	2.18E+02	3.04E+02	4.78E+02	2.00E+03	3.07E+02	pCi/L
Lake In - LKIN(290910002) - SW	15-Oct-11	Tritium	-1.22E+02	3.50E+02	6.09E+02	2.00E+03	3.50E+02	pCi/L
Lake In - LKIN(292767001) - SW	15-Nov-11	Tritium	-2.02E+02	2.93E+02	5.22E+02	2.00E+03	2.92E+02	pCi/L
Lake In - LKIN(294801001) - SW	15-Dec-11	Tritium	9.96E+01	2.98E+02	4.84E+02	2.00E+03	2.99E+02	pCi/L

Ludington Control SW

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Ludington Control(273819005) - SW	15-Jan-11	BETA	3.78E+00	2.41E+00	3.02E+00	4.00E+00	2.49E+00	pCi/L
Ludington Control(273819004) - SW	15-Feb-11	BETA	3.33E-01	2.02E+00	3.26E+00	4.00E+00	2.02E+00	pCi/L
Ludington Control(276054005) - SW	15-Mar-11	BETA	1.82E+00	2.25E+00	3.28E+00	4.00E+00	2.27E+00	pCi/L
Ludington Control(279932004) - SW	15-Apr-11	BETA	2.20E+00	2.36E+00	3.52E+00	4.00E+00	2.38E+00	pCi/L
Ludington Control(279935004) - SW	15-May-11	BETA	-3.97E-01	2.06E+00	3.53E+00	4.00E+00	2.06E+00	pCi/L
Ludington Control(282718006) - SW	15-Jun-11	BETA	5.07E+00	2.50E+00	3.54E+00	4.00E+00	2.64E+00	pCi/L
Ludington Control(285104004) - SW	15-Jul-11	BETA	-1.83E-01	1.94E+00	3.29E+00	4.00E+00	1.94E+00	pCi/L
Ludington Control(285720008) - SW	11-Aug-11	BETA	-1.25E-01	1.71E+00	2.87E+00	4.00E+00	1.70E+00	pCi/L
Ludington Control(288369005) - SW	15-Sep-11	BETA	9.42E-01	2.20E+00	3.55E+00	4.00E+00	2.21E+00	pCi/L
Ludington Control(290910006) - SW	15-Oct-11	BETA	2.08E-02	1.72E+00	2.86E+00	4.00E+00	1.72E+00	pCi/L
Ludington Control(292767004) - SW	15-Nov-11	BETA	2.60E+00	2.16E+00	2.84E+00	4.00E+00	2.20E+00	pCi/L
Ludington Control(294801004) - SW	15-Dec-11	BETA	1.32E+00	2.29E+00	3.63E+00	4.00E+00	2.30E+00	pCi/L
Ludington Control(273819005) - SW	15-Jan-11	Tritium	-8.07E+01	2.99E+02	5.16E+02	2.00E+03	2.99E+02	pCi/L
Ludington Control(273819004) - SW	15-Feb-11	Tritium	1.43E+01	3.09E+02	5.16E+02	2.00E+03	3.09E+02	pCi/L
Ludington Control(276054005) - SW	15-Mar-11	Tritium	1.42E+02	2.73E+02	4.34E+02	2.00E+03	2.75E+02	pCi/L
Ludington Control(279932004) - SW	15-Apr-11	Tritium	1.49E+01	3.14E+02	5.24E+02	2.00E+03	3.14E+02	pCi/L
Ludington Control(279935004) - SW	15-May-11	Tritium	6.44E+01	3.17E+02	5.21E+02	2.00E+03	3.17E+02	pCi/L
Ludington Control(282718006) - SW	15-Jun-11	Tritium	2.37E+02	3.22E+02	4.99E+02	2.00E+03	3.25E+02	pCi/L
Ludington Control(285104004) - SW	15-Jul-11	Tritium	-1.22E+01	2.63E+02	4.43E+02	2.00E+03	2.63E+02	pCi/L
Ludington Control(285720008) - SW	11-Aug-11	Tritium	5.87E+01	2.74E+02	4.52E+02	2.00E+03	2.74E+02	pCi/L
Ludington Control(288369005) - SW	15-Sep-11	Tritium	1.50E+02	3.01E+02	4.82E+02	2.00E+03	3.02E+02	pCi/L
Ludington Control(290910006) - SW	15-Oct-11	Tritium	-1.20E+02	3.43E+02	5.96E+02	2.00E+03	3.43E+02	pCi/L
Ludington Control(292767004) - SW	15-Nov-11	Tritium	4.42E+01	3.20E+02	5.31E+02	2.00E+03	3.21E+02	pCi/L
Ludington Control(294801004) - SW	15-Dec-11	Tritium	1.27E+01	2.83E+02	4.73E+02	2.00E+03	2.83E+02	pCi/L

Palisades Park - Commercial Well
DW

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Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Palisades Park - Commercial Well(280005002) - DW	22-May-11	BETA	-2.53E-01	2.05E+00	3.50E+00	4.00E+00	2.05E+00	pCi/L
Palisades Park - Commercial Well(280005004) - DW	6-Jun-11	BETA	1.99E+00	2.25E+00	3.35E+00	4.00E+00	2.28E+00	pCi/L
Palisades Park - Commercial Well(285720002) - DW	14-Jul-11	BETA	1.72E+00	2.37E+00	3.53E+00	4.00E+00	2.38E+00	pCi/L
Palisades Park - Commercial Well(285720004) - DW	31-Aug-11	BETA	1.68E+00	2.28E+00	3.61E+00	4.00E+00	2.30E+00	pCi/L
Palisades Park - Commercial Well(288375002) - DW	19-Sep-11	BETA	5.75E-01	2.06E+00	3.30E+00	4.00E+00	2.07E+00	pCi/L
Palisades Park - Commercial Well(288375004) - DW	12-Oct-11	BETA	3.02E+00	2.45E+00	3.30E+00	4.00E+00	2.50E+00	pCi/L
Palisades Park - Commercial Well(280005002) - DW	22-May-11	Tritium	-4.94E+01	3.05E+02	5.20E+02	2.00E+03	3.05E+02	pCi/L
Palisades Park - Commercial Well(280005004) - DW	6-Jun-11	Tritium	-1.72E+01	3.07E+02	5.18E+02	2.00E+03	3.07E+02	pCi/L
Palisades Park - Commercial Well(285720002) - DW	14-Jul-11	Tritium	2.08E+02	2.80E+02	4.41E+02	2.00E+03	2.82E+02	pCi/L
Palisades Park - Commercial Well(285720004) - DW	31-Aug-11	Tritium	1.02E+02	2.65E+02	4.31E+02	2.00E+03	2.66E+02	pCi/L
Palisades Park - Commercial Well(288375002) - DW	19-Sep-11	Tritium	4.03E+01	2.85E+02	4.71E+02	2.00E+03	2.85E+02	pCi/L
Palisades Park - Commercial Well(288375004) - DW	12-Oct-11	Tritium	2.18E+02	3.03E+02	4.76E+02	2.00E+03	3.06E+02	pCi/L

Palisades Park - Community Well DW

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Palisades Park - Community Well(280005001) - DW	22-May-11	BETA	2.81E+00	2.26E+00	3.01E+00	4.00E+00	2.31E+00	pCi/L
Palisades Park - Community Well(280005003) - DW	6-Jun-11	BETA	2.56E+00	2.19E+00	2.96E+00	4.00E+00	2.23E+00	pCi/L
Palisades Park - Community Well(285720001) - DW	14-Jul-11	BETA	3.26E-01	1.71E+00	2.74E+00	4.00E+00	1.71E+00	pCi/L
Palisades Park - Community Well(285720003) - DW	31-Aug-11	BETA	9.80E-01	2.21E+00	3.45E+00	4.00E+00	2.22E+00	pCi/L
Palisades Park - Community Well(288375001) - DW	19-Sep-11	BETA	7.42E-01	1.87E+00	2.88E+00	4.00E+00	1.87E+00	pCi/L
Palisades Park - Community Well(288375003) - DW	12-Oct-11	BETA	1.62E+00	2.23E+00	3.31E+00	4.00E+00	2.25E+00	pCi/L
Palisades Park - Community Well(280005001) - DW	22-May-11	Tritium	3.46E+02	3.43E+02	5.20E+02	2.00E+03	3.50E+02	pCi/L
Palisades Park - Community Well(280005003) - DW	6-Jun-11	Tritium	0.00E+00	3.05E+02	5.12E+02	2.00E+03	3.05E+02	pCi/L
Palisades Park - Community Well(285720001) - DW	14-Jul-11	Tritium	2.17E+02	2.78E+02	4.37E+02	2.00E+03	2.81E+02	pCi/L
Palisades Park - Community Well(285720003) - DW	31-Aug-11	Tritium	2.20E+01	2.58E+02	4.30E+02	2.00E+03	2.58E+02	pCi/L
Palisades Park - Community Well(288375001) - DW	19-Sep-11	Tritium	4.13E+01	2.92E+02	4.84E+02	2.00E+03	2.92E+02	pCi/L
Palisades Park - Community Well(288375003) - DW	12-Oct-11	Tritium	1.91E+02	3.04E+02	4.82E+02	2.00E+03	3.06E+02	pCi/L

Sediment #1 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #1 Control(289781001) - SD	31-Oct-11	Actinium-228	9.15E+02	2.78E+02	2.55E+02		2.78E+02	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Bismuth-214	1.09E+03	1.81E+02	1.03E+02	1.50E+02	1.81E+02	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Cesium-134	3.36E+01	7.63E+01	8.43E+01	1.50E+02	7.78E+01	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Cesium-137	5.68E+02	1.03E+02	5.75E+01	1.80E+02	1.03E+02	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Lead-212	9.06E+02	1.37E+02	9.56E+01	1.50E+02	1.37E+02	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Lead-214	1.40E+03	2.23E+02	1.15E+02	1.50E+02	2.23E+02	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Potassium-40	9.89E+03	1.54E+03	6.33E+02		1.54E+03	pCi/kg
Sediment #1 Control(289781001) - SD	31-Oct-11	Thallium-208	2.44E+02	7.36E+01	5.72E+01	1.50E+02	7.36E+01	pCi/kg

Sediment #10 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
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Sediment #10 Control(289781010) - SD	31-Oct-11	Cesium-134	2.19E+01	2.88E+01	5.40E+01	1.50E+02	3.04E+01	pCi/kg
Sediment #10 Control(289781010) - SD	31-Oct-11	Cesium-137	5.06E+02	8.14E+01	4.69E+01	1.80E+02	8.14E+01	pCi/kg
Sediment #10 Control(289781010) - SD	31-Oct-11	Lead-214	3.42E+02	9.84E+01	7.63E+01	1.50E+02	9.84E+01	pCi/kg
Sediment #10 Control(289781010) - SD	31-Oct-11	Potassium-40	6.99E+03	1.04E+03	2.65E+02		1.04E+03	pCi/kg

Sediment #2 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #2 Control(289781002) - SD	31-Oct-11	Actinium-228	4.93E+02	1.54E+02	1.19E+02		1.54E+02	pCi/kg
Sediment #2 Control(289781002) - SD	31-Oct-11	Bismuth-214	3.85E+02	9.92E+01	5.40E+01	1.50E+02	9.92E+01	pCi/kg
Sediment #2 Control(289781002) - SD	31-Oct-11	Cesium-134	2.42E+01	2.46E+01	4.77E+01	1.50E+02	2.69E+01	pCi/kg
Sediment #2 Control(289781002) - SD	31-Oct-11	Cesium-137	2.16E+02	4.84E+01	3.55E+01	1.80E+02	4.84E+01	pCi/kg
Sediment #2 Control(289781002) - SD	31-Oct-11	Lead-212	3.28E+02	6.43E+01	5.23E+01	1.50E+02	6.43E+01	pCi/kg
Sediment #2 Control(289781002) - SD	31-Oct-11	Lead-214	3.26E+02	9.41E+01	7.06E+01	1.50E+02	9.41E+01	pCi/kg
Sediment #2 Control(289781002) - SD	31-Oct-11	Potassium-40	1.48E+04	1.74E+03	3.48E+02		1.74E+03	pCi/kg

Sediment #3 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #3 Control(289781003) - SD	31-Oct-11	Actinium-228	4.40E+02	1.25E+02	1.12E+02		1.25E+02	pCi/kg
Sediment #3 Control(289781003) - SD	31-Oct-11	Bismuth-214	3.18E+02	7.86E+01	6.30E+01	1.50E+02	7.86E+01	pCi/kg
Sediment #3 Control(289781003) - SD	31-Oct-11	Cesium-134	8.48E+00	2.25E+01	3.98E+01	1.50E+02	2.28E+01	pCi/kg
Sediment #3 Control(289781003) - SD	31-Oct-11	Cesium-137	6.55E+01	3.82E+01	3.33E+01	1.80E+02	3.82E+01	pCi/kg
Sediment #3 Control(289781003) - SD	31-Oct-11	Lead-212	3.55E+02	6.59E+01	5.09E+01	1.50E+02	6.59E+01	pCi/kg
Sediment #3 Control(289781003) - SD	31-Oct-11	Lead-214	3.94E+02	9.32E+01	6.81E+01	1.50E+02	9.32E+01	pCi/kg
Sediment #3 Control(289781003) - SD	31-Oct-11	Potassium-40	9.58E+03	1.20E+03	2.48E+02		1.20E+03	pCi/kg

Sediment #4 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #4 Control(289781004) - SD	31-Oct-11	Bismuth-214	3.43E+02	9.19E+01	7.10E+01	1.50E+02	9.19E+01	pCi/kg
Sediment #4 Control(289781004) - SD	31-Oct-11	Cesium-134	4.92E+01	2.94E+01	5.92E+01	1.50E+02	3.69E+01	pCi/kg
Sediment #4 Control(289781004) - SD	31-Oct-11	Cesium-137	1.24E+02	4.27E+01	3.86E+01	1.80E+02	4.27E+01	pCi/kg
Sediment #4 Control(289781004) - SD	31-Oct-11	Lead-212	3.04E+02	8.01E+01	7.35E+01	1.50E+02	8.01E+01	pCi/kg
Sediment #4 Control(289781004) - SD	31-Oct-11	Lead-214	4.54E+02	1.05E+02	6.75E+01	1.50E+02	1.05E+02	pCi/kg
Sediment #4 Control(289781004) - SD	31-Oct-11	Potassium-40	1.01E+04	1.28E+03	3.20E+02		1.28E+03	pCi/kg

Sediment #5 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #5 Control(289781005) - SD	31-Oct-11	Bismuth-214	3.78E+02	8.63E+01	7.21E+01	1.50E+02	8.63E+01	pCi/kg
Sediment #5 Control(289781005) - SD	31-Oct-11	Cesium-134	8.91E+00	2.75E+01	4.81E+01	1.50E+02	2.78E+01	pCi/kg
Sediment #5 Control(289781005) - SD	31-Oct-11	Cesium-137	1.23E+02	4.60E+01	3.53E+01	1.80E+02	4.60E+01	pCi/kg
Sediment #5 Control(289781005) - SD	31-Oct-11	Lead-212	3.16E+02	6.70E+01	5.96E+01	1.50E+02	6.70E+01	pCi/kg
Sediment #5 Control(289781005) - SD	31-Oct-11	Lead-214	3.69E+02	1.04E+02	7.60E+01	1.50E+02	1.04E+02	pCi/kg

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Sediment #5 Control	(289781005) - SD	31-Oct-11	Potassium-40	1.07E+04	1.29E+03	3.15E+02		1.29E+03	pCi/kg
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Sediment #6 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #6 Control	(289781006) - SD	Cesium-134	-2.91E+01	2.70E+01	4.01E+01	1.50E+02	3.00E+01	pCi/kg
Sediment #6 Control	(289781006) - SD	Cesium-137	1.41E+01	2.07E+01	3.83E+01	1.80E+02	2.16E+01	pCi/kg
Sediment #6 Control	(289781006) - SD	Lead-212	2.17E+02	7.16E+01	7.20E+01	1.50E+02	7.16E+01	pCi/kg
Sediment #6 Control	(289781006) - SD	Lead-214	2.94E+02	8.93E+01	7.07E+01	1.50E+02	8.93E+01	pCi/kg
Sediment #6 Control	(289781006) - SD	Potassium-40	9.96E+03	1.28E+03	3.19E+02		1.28E+03	pCi/kg

Sediment #7 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #7 Control	(289781007) - SD	Actinium-228	3.80E+02	1.21E+02	1.13E+02		1.21E+02	pCi/kg
Sediment #7 Control	(289781007) - SD	Bismuth-214	3.22E+02	1.05E+02	7.13E+01	1.50E+02	1.05E+02	pCi/kg
Sediment #7 Control	(289781007) - SD	Cesium-134	3.10E+01	2.57E+01	5.03E+01	1.50E+02	2.92E+01	pCi/kg
Sediment #7 Control	(289781007) - SD	Cesium-137	1.74E+02	4.11E+01	4.40E+01	1.80E+02	4.11E+01	pCi/kg
Sediment #7 Control	(289781007) - SD	Lead-212	3.22E+02	8.43E+01	6.25E+01	1.50E+02	8.43E+01	pCi/kg
Sediment #7 Control	(289781007) - SD	Lead-214	4.15E+02	1.14E+02	7.07E+01	1.50E+02	1.14E+02	pCi/kg
Sediment #7 Control	(289781007) - SD	Potassium-40	1.08E+04	1.38E+03	3.00E+02		1.38E+03	pCi/kg

Sediment #8 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #8 Control	(289781008) - SD	Cesium-134	5.96E+00	3.86E+01	6.87E+01	1.50E+02	3.87E+01	pCi/kg
Sediment #8 Control	(289781008) - SD	Cesium-137	4.92E+02	8.68E+01	5.31E+01	1.80E+02	8.68E+01	pCi/kg
Sediment #8 Control	(289781008) - SD	Lead-210	2.89E+03	7.60E+02	5.95E+02		7.60E+02	pCi/kg
Sediment #8 Control	(289781008) - SD	Lead-212	2.62E+02	7.21E+01	5.94E+01	1.50E+02	7.21E+01	pCi/kg
Sediment #8 Control	(289781008) - SD	Potassium-40	1.09E+04	1.42E+03	4.76E+02		1.42E+03	pCi/kg

Sediment #9 Control SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment #9 Control	(289781009) - SD	Bismuth-214	2.40E+02	7.21E+01	5.95E+01	1.50E+02	7.21E+01	pCi/kg
Sediment #9 Control	(289781009) - SD	Cesium-134	2.83E+00	2.61E+01	4.56E+01	1.50E+02	2.61E+01	pCi/kg
Sediment #9 Control	(289781009) - SD	Cesium-137	3.94E+02	6.50E+01	4.12E+01	1.80E+02	6.50E+01	pCi/kg
Sediment #9 Control	(289781009) - SD	Lead-214	3.65E+02	9.49E+01	6.21E+01	1.50E+02	9.49E+01	pCi/kg
Sediment #9 Control	(289781009) - SD	Potassium-40	7.28E+03	1.00E+03	2.98E+02		1.00E+03	pCi/kg

Sediment - SED SD

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Sediment - SED(290910005) - SD	18-Nov-11	Bismuth-214	1.35E+02	4.93E+01	3.35E+01	1.50E+02	4.93E+01	pCi/kg
Sediment - SED(282718004) - SD	29-Jun-11	Cesium-134	-5.89E+00	2.20E+01	3.63E+01	1.50E+02	2.22E+01	pCi/kg

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Sediment - SED(290910005) - SD	18-Nov-11	Cesium-134	9.67E+00	1.28E+01	2.32E+01	1.50E+02	1.35E+01	pCi/kg
Sediment - SED(282718004) - SD	29-Jun-11	Cesium-137	1.12E+01	1.73E+01	3.21E+01	1.80E+02	1.80E+01	pCi/kg
Sediment - SED(290910005) - SD	18-Nov-11	Cesium-137	3.36E+00	9.85E+00	1.78E+01	1.80E+02	9.96E+00	pCi/kg
Sediment - SED(290910005) - SD	18-Nov-11	Lead-212	1.63E+02	3.81E+01	2.37E+01	1.50E+02	3.81E+01	pCi/kg
Sediment - SED(290910005) - SD	18-Nov-11	Lead-214	1.53E+02	4.97E+01	3.28E+01	1.50E+02	4.97E+01	pCi/kg
Sediment - SED(282718004) - SD	29-Jun-11	Potassium-40	6.75E+03	9.23E+02	1.71E+02		9.23E+02	pCi/kg
Sediment - SED(290910005) - SD	18-Nov-11	Potassium-40	6.88E+03	7.11E+02	1.56E+02		7.11E+02	pCi/kg

Septic Sample WW

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
Septic Sample(276054004) - WW	31-Mar-11	Barium-140	5.53E+00	8.19E+00	1.47E+01	1.50E+01	8.56E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Barium-140	4.43E+00	9.81E+00	1.70E+01	1.50E+01	1.00E+01	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Barium-140	-2.08E-01	8.19E+00	1.39E+01	1.50E+01	8.19E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Barium-140	-4.32E+00	9.03E+00	1.32E+01	1.50E+01	9.24E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Cesium-134	1.15E+00	2.39E+00	3.99E+00	1.50E+01	2.45E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Cesium-134	7.56E-03	2.04E+00	3.40E+00	1.50E+01	2.04E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Cesium-134	8.32E-02	2.83E+00	4.72E+00	1.50E+01	2.83E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Cesium-134	-4.94E-01	7.06E+00	1.11E+01	1.50E+01	7.06E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Cesium-137	4.24E-01	2.07E+00	3.53E+00	1.80E+01	2.08E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Cesium-137	4.85E-01	2.53E+00	3.12E+00	1.80E+01	2.54E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Cesium-137	1.99E+00	2.52E+00	4.41E+00	1.80E+01	2.67E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Cesium-137	4.26E+00	5.49E+00	1.01E+01	1.80E+01	5.82E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Cobalt-58	-8.25E-01	2.26E+00	3.66E+00	1.50E+01	2.29E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Cobalt-58	-2.78E+00	2.84E+00	3.54E+00	1.50E+01	3.11E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Cobalt-58	2.14E+00	2.74E+00	4.74E+00	1.50E+01	2.90E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Cobalt-58	-2.50E+00	5.64E+00	9.07E+00	1.50E+01	5.75E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Cobalt-60	1.57E+00	2.19E+00	3.85E+00	1.50E+01	2.30E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Cobalt-60	-2.22E-02	1.99E+00	3.36E+00	1.50E+01	1.99E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Cobalt-60	-1.13E+00	2.62E+00	4.19E+00	1.50E+01	2.67E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Cobalt-60	-3.04E+00	7.04E+00	1.10E+01	1.50E+01	7.18E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Iron-59	-3.20E+00	4.74E+00	7.62E+00	3.00E+01	4.95E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Iron-59	-4.25E+00	5.09E+00	8.26E+00	3.00E+01	5.44E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Iron-59	-2.51E+00	6.13E+00	1.01E+01	3.00E+01	6.23E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Iron-59	-2.53E+00	1.03E+01	1.63E+01	3.00E+01	1.03E+01	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Lanthanum-140	5.53E+00	8.18E+00	1.47E+01	1.50E+01	8.55E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Lanthanum-140	4.43E+00	9.81E+00	1.70E+01	1.50E+01	1.00E+01	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Lanthanum-140	-2.08E-01	8.19E+00	1.39E+01	1.50E+01	8.19E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Lanthanum-140	-4.32E+00	9.03E+00	1.32E+01	1.50E+01	9.23E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Manganese-54	-1.89E-01	2.08E+00	3.43E+00	1.50E+01	2.08E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Manganese-54	-4.85E-01	1.80E+00	2.94E+00	1.50E+01	1.81E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Manganese-54	8.38E-01	2.34E+00	3.96E+00	1.50E+01	2.37E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Manganese-54	7.70E-01	5.22E+00	9.13E+00	1.50E+01	5.23E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Niobium-95	1.19E+00	2.33E+00	4.00E+00	1.50E+01	2.39E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Niobium-95	1.69E+00	2.29E+00	3.95E+00	1.50E+01	2.41E+00	pCi/L

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Septic Sample(288369004) - WW	30-Sep-11	Niobium-95	4.52E+00	2.86E+00	5.13E+00	1.50E+01	3.52E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Niobium-95	6.06E-01	5.96E+00	9.97E+00	1.50E+01	5.97E+00	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Tritium	1.38E+02	2.67E+02	4.25E+02	2.00E+03	2.69E+02	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Tritium	4.62E+02	3.45E+02	5.03E+02	2.00E+03	3.57E+02	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Tritium	1.93E+03	4.25E+02	4.76E+02	2.00E+03	5.66E+02	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Tritium	2.56E+02	3.72E+02	5.82E+02	2.00E+03	3.76E+02	pCi/L
Septic Sample(276054004) - WW	31-Mar-11	Zinc-65	-1.05E+00	4.43E+00	7.40E+00	3.00E+01	4.46E+00	pCi/L
Septic Sample(282718005) - WW	27-Jun-11	Zinc-65	-1.75E+00	4.16E+00	6.93E+00	3.00E+01	4.23E+00	pCi/L
Septic Sample(288369004) - WW	30-Sep-11	Zinc-65	-1.24E+01	5.79E+00	7.89E+00	3.00E+01	8.04E+00	pCi/L
Septic Sample(290910004) - WW	18-Nov-11	Zinc-65	1.08E+00	1.30E+01	2.20E+01	3.00E+01	1.30E+01	pCi/L

South Haven Raw Water - SHR DW

Sample Name	Date Collected	Nuclide	Result	2 Sigma Uncert	MDC	LLD	2 Sigma TPU	Units
South Haven Raw Water - SHR(271787002) - DW	15-Jan-11	BETA	1.87E+00	2.32E+00	3.47E+00	4.00E+00	2.34E+00	pCi/L
South Haven Raw Water - SHR(273819002) - DW	15-Feb-11	BETA	1.36E+00	2.08E+00	3.08E+00	4.00E+00	2.09E+00	pCi/L
South Haven Raw Water - SHR(276054002) - DW	15-Mar-11	BETA	2.42E+00	2.13E+00	2.85E+00	4.00E+00	2.17E+00	pCi/L
South Haven Raw Water - SHR(279932002) - DW	15-Apr-11	BETA	3.75E+00	2.37E+00	2.94E+00	4.00E+00	2.44E+00	pCi/L
South Haven Raw Water - SHR(279935002) - DW	15-May-11	BETA	-1.14E+00	1.99E+00	3.51E+00	4.00E+00	1.99E+00	pCi/L
South Haven Raw Water - SHR(282718002) - DW	15-Jun-11	BETA	2.69E+00	2.33E+00	3.54E+00	4.00E+00	2.38E+00	pCi/L
South Haven Raw Water - SHR(285104002) - DW	15-Jul-11	BETA	8.52E-01	1.91E+00	2.94E+00	4.00E+00	1.92E+00	pCi/L
South Haven Raw Water - SHR(285720006) - DW	11-Aug-11	BETA	1.62E+00	2.07E+00	3.26E+00	4.00E+00	2.09E+00	pCi/L
South Haven Raw Water - SHR(288369002) - DW	15-Sep-11	BETA	1.35E+00	2.29E+00	3.64E+00	4.00E+00	2.30E+00	pCi/L
South Haven Raw Water - SHR(292767002) - DW	15-Nov-11	BETA	2.09E+00	2.13E+00	2.99E+00	4.00E+00	2.16E+00	pCi/L
South Haven Raw Water - SHR(294801002) - DW	15-Dec-11	BETA	9.15E-01	2.26E+00	3.60E+00	4.00E+00	2.27E+00	pCi/L
South Haven Raw Water - SHR(271787002) - DW	15-Jan-11	Tritium	7.08E+01	2.56E+02	4.18E+02	2.00E+03	2.56E+02	pCi/L
South Haven Raw Water - SHR(273819002) - DW	15-Feb-11	Tritium	1.44E+02	3.25E+02	5.23E+02	2.00E+03	3.26E+02	pCi/L
South Haven Raw Water - SHR(276054002) - DW	15-Mar-11	Tritium	-5.48E+01	2.53E+02	4.34E+02	2.00E+03	2.53E+02	pCi/L
South Haven Raw Water - SHR(279932002) - DW	15-Apr-11	Tritium	1.82E+02	3.31E+02	5.25E+02	2.00E+03	3.33E+02	pCi/L
South Haven Raw Water - SHR(279935002) - DW	15-May-11	Tritium	1.64E+02	3.28E+02	5.22E+02	2.00E+03	3.29E+02	pCi/L
South Haven Raw Water - SHR(282718002) - DW	15-Jun-11	Tritium	3.28E+02	3.35E+02	5.07E+02	2.00E+03	3.41E+02	pCi/L
South Haven Raw Water - SHR(285104002) - DW	15-Jul-11	Tritium	-8.15E+01	2.55E+02	4.41E+02	2.00E+03	2.55E+02	pCi/L
South Haven Raw Water - SHR(285720006) - DW	11-Aug-11	Tritium	1.74E+02	2.77E+02	4.41E+02	2.00E+03	2.79E+02	pCi/L
South Haven Raw Water - SHR(288369002) - DW	15-Sep-11	Tritium	2.71E+02	3.08E+02	4.76E+02	2.00E+03	3.12E+02	pCi/L
South Haven Raw Water - SHR(292767002) - DW	15-Nov-11	Tritium	3.09E+02	3.43E+02	5.31E+02	2.00E+03	3.48E+02	pCi/L
South Haven Raw Water - SHR(294801002) - DW	15-Dec-11	Tritium	-4.30E+01	2.83E+02	4.82E+02	2.00E+03	2.83E+02	pCi/L

ATTACHMENT 5
GEL LABORATORIES, LLC
INTERLABORATORY COMPARISON PROGRAM RESULTS

GEL Laboratories, LLC, Interlaboratory Comparison Program Results

The following is an excerpt from the GEL Laboratories 2011 QA Report supplied to Palisades:

2. Quality Assurance Programs for Inter-laboratory, Intra-laboratory and Third Party Cross-Check

In addition to internal and client audits, our laboratory participates in annual performance evaluation studies conducted by independent providers. We routinely participate in the following types of performance audits:

- Proficiency testing and other inter-laboratory comparisons
- Performance requirements necessary to retain Certifications
- Evaluation of recoveries of certified reference and in-house secondary reference materials using statistical process control data.
- Evaluation of relative percent difference between measurements through SPC data.

We also participate in a number of proficiency testing programs for federal and state agencies and as required by contracts. It is our policy that no proficiency evaluation samples be analyzed in any special manner. Our annual performance evaluation participation generally includes a combination of studies that support the following:

- US Environmental Protection Agency Discharge Monitoring Report, Quality Assurance Program (DMR-QA). Annual national program sponsored by EPA for laboratories engaged in the analysis of samples associated with the NPDES monitoring program. Participation is mandatory for all holders of NPDES permits. The permit holder must analyze for all of the parameters listed on the discharge permit. Parameters include general chemistry, metals, BOD/COD, oil and grease, ammonia, nitrates, etc.
 - Department of Energy Mixed Analyte Performance Evaluation Program (MAPEP). A semiannual program developed by DOE in support of DOE contractors performing waste analyses. Participation is required for all laboratories that perform environmental analytical measurements in support of environmental management activities. This program includes radioactive isotopes in water, soil, vegetation and air filters.
 - ERA's MRAD-Multimedia Radiochemistry Proficiency test program. This program is for labs seeking certification for radionuclides in wastewater and solid waste. The program is conducted in strict compliance with USEPA National Standards for Water Proficiency study.
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- ERA's InterLaB RadCheM Proficiency Testing Program for radiological analyses. This program completes the process of replacing the USEPA EMSL-LV Nuclear Radiation Assessment Division program discontinued in 1998. Laboratories

seeking certification for radionuclide analysis in drinking water also use the study. This program is conducted in strict compliance with the USEPA National Standards for Water Proficiency Testing Studies. This program encompasses Uranium by EPA method 200.8 (for drinking water certification in Florida/Primary NELAP), gamma emitters, Gross Alpha/Beta, Iodine-131, naturally occurring radioactive isotopes, Strontium-89/90, and Tritium.

- ERA's Water Pollution (WP) biannual program for waste methodologies includes parameters for both organic and inorganic analytes.
- ERA's Water Supply (WS) biannual program for drinking water methodologies includes parameters for organic and inorganic analytes.
- Environmental Cross-Check Program administered by Eckert & Ziegler Analytics, Inc. This program encompasses radionuclides in water, soil, milk, naturally occurring radioactive isotopes in soil and air filters.

GEL procures single-blind performance evaluation samples from Eckert & Ziegler Analytics to verify the analysis of sample matrices processed at GEL. Samples are received on a quarterly basis. GEL's Third-Party Cross-Check Program provides environmental matrices encountered in a typical nuclear utility REMP. The Third-Party Cross-Check Program is intended to meet or exceed the inter-laboratory comparison program requirements discussed in NRC Regulatory Guide 4.15, revision 1. Once performance evaluation samples have been prepared in accordance with the instructions provided by the PT provider, samples are managed and analyzed in the same manner as environmental samples from GEL's clients.

4. Performance Evaluation Acceptance Criteria for Environmental Sample Analysis

GEL utilized an acceptance protocol based upon two performance models. For those inter-laboratory programs that already have established performance criteria for bias (i.e., MAPEP, and ERA/ELAP), GEL will utilize the criteria for the specific program. For intra-laboratory or third party quality control programs that do not have a specific acceptance criteria (i.e. the Eckert-Ziegler Analytics Environmental Cross-check Program), results will be evaluated in accordance with GEL's internal acceptance criteria.

5. Performance Evaluation Samples

Performance Evaluation (PE) results and internal quality control sample results are evaluated in accordance with GEL acceptance criteria. The first criterion concerns bias, which is defined as the deviation of any one result from the known value. The second criterion concerns precision, which deals with the ability of the measurement to be replicated by comparison of an individual result with the mean of all results for a given sample set.

At GEL, we also evaluate our analytical performance on a regular basis through statistical process control (SPC) acceptance criteria. Where feasible, this criterion is applied to both measures of precision and accuracy and is specific to sample matrix. We establish environmental process control limits at least annually.

For Radiochemistry analysis, quality control evaluation is based on static limits rather than those that are statistically derived. Our current process control limits are maintained in GEL's AlphaLIMS. We also measure precision with matrix duplicates and/or matrix spike duplicates. The upper and lower control limits (UCL and LCL respectively) for precision are plus or minus three times the standard deviation from the mean of a series of relative percent differences. The static precision criteria for radiochemical analyses are 0 - 20%, for activity levels exceeding the contract required detection limit (CRDL).

6. Quality Control Program for Environmental Sample Analysis

GEL's internal QA Program is designed to include QC functions such as instrumentation calibration checks (to insure proper instrument response), blank samples, instrumentation backgrounds, duplicates, as well as overall staff qualification analyses and statistical process controls. Both quality control and qualification analyses samples are used to be as similar as the matrix type of those samples submitted for analysis by the various laboratory clients. These performance test samples (or performance evaluation samples) are either actual sample submitted in duplicate in order to evaluate the precision of laboratory measurements, or fortified blank samples, which have been given a known quantity of a radioisotope that is in the interest to GEL's clients.

Accuracy (or Bias) is measured through laboratory control samples and/or matrix spikes, as well as surrogates and internal standards. The UCLs and LCLs for accuracy are plus or minus three times the standard deviation from the mean of a series of recoveries. The static limit for radiochemical analyses is 75 - 125%. Specific instructions for out-of-control situations are provided in the applicable analytical SOP.

GEL's Laboratory Control Standard (LCS) is an aliquot of reagent water or other blank matrix to which known quantities of the method analytes are added in the laboratory. The LCS is analyzed exactly like a sample, and its purpose is to determine whether the methodology is in control, and whether the laboratory is capable of making accurate and precise measurements. Some methods may refer to these samples as Laboratory Fortified Blanks (LFB). The requirement for recovery is between 75 and 125% for radiological analyses excluding drinking water matrix.

$$\text{Bias (\%)} = \frac{(\text{observed concentration})}{(\text{known concentration})} * 100 \%$$

Precision is a data quality indicator of the agreement between measurements of the same property, obtained under similar conditions, and how well they conform to themselves. Precision is usually expressed as standard deviation, variance or range in either absolute or relative (percentage) terms.

GEL's laboratory duplicate (DUP or LCSD) is an aliquot of a sample taken from the same container and processed in the same manner under identical laboratory conditions. The aliquot is analyzed independently from the parent sample and the results are compared to measure precision and accuracy.

If a sample duplicate is analyzed, it will be reported as Relative Percent Difference (RPD). The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the

RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

$$\text{Difference (\%)} = \frac{(\text{high duplicate result} - \text{low duplicate result})}{(\text{average of results})} * 100 \%$$

7. Summary of Data Results

During 2011, forty-three radioisotopes associated with seven matrix types were analyzed under GEL's Performance Evaluation program in participation with ERA, MAPEP, and Eckert & Ziegler Analytics. Matrix types were representative of client analyses performed during 2011. The list below contains the type of matrix evaluated by GEL.

- Air Filter
- Cartridge
- Water
- Milk
- Soil
- Liquid
- Vegetation

Graphs are provided in Figures 1-9 of this report to allow for the evaluation of trends or biases. These graphs include radioisotopes Cobalt-60, Cesium-137, Tritium, Strontium-90, Gross Alpha, Gross Beta, Iodine-131, Americium-241, and Plutonium-238.

8. Summary of Participation in the Eckert & Ziegler Analytics Environmental Cross-Check Program

Eckert & Ziegler Analytics provided samples for 89 individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. Of the 89 analyses, 98% (87 out of 89) of all results fell within GEL's acceptance criteria. Two analytical failures occurred with the analysis of Chromium-51 in water and Strontium-90 in milk.

For the corrective actions associated with these failures, refer to CARR110912-626 and CARR111129-644 (Table 6).

9. Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 23, 24 and 25 were analyzed by the laboratory. Of the 167 analyses, 94% (157 out of 167) of all results fell within the PT provider's acceptance criteria. Ten analytical failures occurred: Plutonium-238 in soil, Plutonium-239/240 in soil, Plutonium-238 in water, Gross Alpha in filter, Iron-55 in soil, Iron-55 in water, Gross Alpha in filter, Gross Beta in filter, Plutonium-239/240 in filter, and Uranium-238 in filter.

For the corrective actions associated with MAPEP Series 23, 24 and 25, refer to CARR101122-526, CARR110107-533, CARR110705-12, CARR110809-618, CARR111219-653, and CARR120118-659 (Table 6).

10. Summary of Participation in the ERA MRaD PT Program

The ERA MRad program provided samples (MRAD-14 and MRAD-15) for 176 individual environmental analyses. Of the 176 analyses, 97% (170 out of 176) of all results fell within the PT provider's acceptance criteria. Six analytical failures occurred: Cesium-134 in soil, Americium-241 in soil, Gross Alpha in filter, Gross Beta in filter, Iron-55 in water, and Lead-214 in soil.

For the corrective actions associated with MRAD 14 and MRAD-15, refer to corrective actions CARR110603-600 and CARR111129-645 (Table 6).

11. Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-84, RAD-86, RAD-87 and RAD-800) for 69 individual environmental analyses. Of the 69 analyses, 96% (66 out of 69) of all results fell within the PT provider's acceptance criteria. Three analytical failures occurred: Barium-133 in water, Zinc-65 in soil, and I-131 in water.

For the corrective actions associated with RAD-84 and RAD-86, refer to corrective actions CARR110307-548, CARR110812-621, and CARR110912-628 (Table 6).

2011 RADIOLOGICAL PROFICIENCY TESTING RESULTS AND ACCEPTANCE CRITERIA

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Barium-133	58.4	52.3	43.1 - 57.9	Not Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Cesium-134	53.0	56.2	45.4 - 61.8	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Cesium-137	103	100	90.0 - 112	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Cobalt-60	73.2	68.9	62.0 - 78.2	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Zinc-65	166	153	138 - 180	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Gross Alpha	65.1	62.5	32.7 - 77.5	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Gross Beta	54.4	51.9	35.3 - 58.9	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Gross Alpha	51.2	62.5	32.7 - 77.5	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Radium-226	8.06	8.26	6.21 - 9.71	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Radium-228	7.4	7.35	4.64 - 9.40	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Uranium (Nat)	46.1	45.6	37.0 - 50.7	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	ug/L	Uranium (Nat) mass	69.6	66.5	53.9 - 74.0	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Radium-226	9.68	8.26	6.21 - 9.71	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Radium-228	6.41	7.35	4.64 - 9.40	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Uranium (Nat)	45.3	45.6	37.0 - 50.7	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	ug/L	Uranium (Nat) mass	67.6	66.5	53.9 - 74.0	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Tritium	2930	3460	2930 - 3820	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Strontium-89	48.9	55.3	44.1 - 62.9	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Strontium-90	27	33.1	24.2 - 38.3	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Strontium-89	55.3	55.3	44.1 - 62.9	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Strontium-90	29.3	33.1	24.2 - 38.3	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Iodine-131	29	26.8	22.3 - 31.5	Acceptable
1st / 2011	02/18/11	RAD - 84	Water	pCi/L	Iodine-131	23.9	26.8	22.3 - 31.5	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Americium-241	63.27	87	61 - 113	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Cesium-134	924	940	658 - 1222	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Cesium-137	685	670	469 - 871	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Cobalt-60	360	343	240 - 246	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Iron-55	1120	1333	933 - 1733	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Manganese-54	875.3	820	574 - 1066	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Nickel-63	901.3	1058	741 - 1375	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Plutonium-238	12.4	64	45 - 83	Not Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Plutonium-239/240	21.87	71	50 - 92	Not Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Potassium-40	774	699	489-909	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Technetium-99	272.3	325	228 - 423	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Uranium-234/233	266.33	278	195 - 361	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Uranium-238	171	143	83.6 - 210	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaS23	Soil	Bq/kg	Zinc-65	301	265	186 - 345	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Cesium-134	31.4	31.4	22.0 - 40.8	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Cesium-137	45.5	44.2	30.9 - 57.5	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Cobalt-57	36.53	36.0	25.2 - 46.8	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Cobalt-60	29.10	28.3	19.8 - 36.38	Acceptable

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Hydrogen-3	429.30	453.4	317.4 - 589.4	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Iron-55	61.43	60.2	42.1 - 78.3	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Nickel-63	50	56.10	39.3 - 72.9	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Plutonium-238	0.866	1.81	1.27 - 2.35	Not Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Plutonium-239/240	1.22	1.35	0.95 - 1.76	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Potassium-40	42.3	38.9	27.2 - 50.6	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Strontium-90	7.03	8.3	5.8 - 10.8	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Technetium-99	33.3	33.6	23.5 - 43.7	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Uranium-234/233	1.937	2.01	1.41 - 2.61	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Uranium-238	2.043	2.07	1.45 - 2.69	Acceptable
1st / 2011	11/10/10	MAPEP-10-MaW23	Water	Bq/L	Zinc-65	34.77	31.0	21.7 - 40.3	Acceptable
1st / 2011	11/10/10	MAPEP-10-GrW23	Water	Bq/L	Gross Alpha	1.67	1.92	0.58 - 3.26	Acceptable
1st / 2011	11/10/10	MAPEP-10-GrW23	Water	Bq/L	Gross Beta	4.407	4.39	2.20 - 6.59	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	ug/sample	Uranium-235	0.0764	0.074	0.052 - 0.096	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	ug/sample	Uranium-238	10.5	10.2	7.1 - 13.3	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	ug/sample	Uranium-Total	10.9	10.3	7.2 - 13.4	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Americium-241	0.0917	0.115	0.081 - 0.150	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Cesium-134	2.95	2.98	2.09 - 3.87	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Cobalt-57	4.06	4.08	2.86 - 5.30	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Cobalt-60	2.97	2.92	2.04 - 3.80	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Manganese-54	3.347	3.18	2.23 - 4.13	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Plutonium-238	0.049	0.0489	0.0342-0.0336	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Plutonium-239/240	0.076	0.082	0.057 - 0.107	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Strontium-90	0.854	1.01	0.71 - 1.31	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Uranium-234/233	0.124	0.122	0.085 - 0.159	Acceptable
1st / 2011	11/10/10	MAPEP-10-RaF23	Filter	Bq/sample	Uranium-238	0.122	0.127	0.089 - 0.165	Acceptable
1st / 2011	11/10/10	MAPEP-10-GrF23	Filter	Bq/sample	Gross Beta	0.525	0.5	0.25 - 0.75	Acceptable
1st / 2011	11/10/10	MAPEP-10-GrF23	Filter	Bq/sample	Gross Beta	106	109	82.2 - 140	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Americium-241	0.210	0.270	0.189 - 0.351	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Cesium-134	4.485	4.79	3.35 - 6.23	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Cesium-137	4.759	5.88	4.12 - 7.64	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Cobalt-57	9.389	8.27	5.79 - 10.75	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Manganese-54	7.34	6.287	4.401 - 8.173	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Plutonium-238	0.258	0.221	0.155 - 0.287	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Strontium-90	2.790	2.63	1.84 - 3.42	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Uranium-234/233	0.392	0.320	0.224 - 0.416	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Uranium-238	0.405	0.330	0.231 - 0.429	Acceptable
1st / 2011	11/10/10	MAPEP-10-RdV23	Vegetation	Bq/sample	Zinc-65	6.630	5.39	3.77 - 7.01	Acceptable
2nd / 2011	05/03/11	040511P	Water	pCi/L	Strontium-89	57.9	68.1	55.4 - 76.2	Acceptable
2nd / 2011	05/03/11	040511P	Water	pCi/L	Strontium-90	32.4	29.9	21.8 - 34.7	Acceptable
2nd / 2011	04/05/11	GENE01-11-MaWR3	Water	Bq/L	Plutonium-238	1.1	1.16	0.81 - 1.51	Acceptable
2nd / 2011	04/05/11	GENE01-11-MaWR3	Water	Bq/L	Plutonium-239/240	0.8	0.85	0.60 - 1.11	Acceptable
2nd / 2011	04/05/11	GENE01-11-RdFR1	Water	Bq/sample	Plutonium-238	0.00737	0.00836	.00585-.01087	Acceptable
2nd / 2011	04/05/11	GENE01-11-RdFR1	Water	Bq/sample	Plutonium-239/240	0.00481	0.00670	.00469-.00871	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Iodine-131	9.73E+01	9.40E+01	1.04	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Chromium-51	2.16E+02	1.96E+02	1.10	Acceptable

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Cesium-137	1.47E+02	1.35E+02	1.09	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Cobalt-58	7.71E+01	7.44E+01	1.04	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Manganese-54	1.88E+02	1.75E+02	1.08	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Iron-59	1.26E+02	1.15E+02	1.10	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Zinc-65	1.90E+02	1.72E+02	1.11	Acceptable
1st / 2011	01/11/11	E7468-278	Water	pCi/L	Cobalt-60	1.14E+02	1.13E+02	1.01	Acceptable
1st / 2011	01/11/11	E7466-278	Milk	pCi/L	Strontium-89	9.23E+01	9.74E+01	0.95	Acceptable
1st / 2011	01/11/11	E7466-278	Milk	pCi/L	Strontium-90	1.27E+01	1.58E+01	0.80	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Iodine-131	1.00E+02	9.69E+01	1.03	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Chromium-51	3.27E+02	2.98E+02	1.10	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Cesium-134	1.19E+02	1.30E+02	0.91	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Cesium-137	2.20E+02	2.05E+02	1.07	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Cobalt-58	1.18E+02	1.13E+02	1.04	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Manganese-54	2.78E+02	2.66E+02	1.04	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Iron-59	1.94E+02	1.75E+02	1.11	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Zinc-65	2.88E+02	2.61E+02	1.10	Acceptable
1st / 2011	01/11/11	E7467-278	Milk	pCi/L	Cobalt-60	1.76E+02	1.72E+02	1.03	Acceptable
1st / 2011	01/11/11	E7465-278	Cartridge	pCi	Iodine-131	1.03E+02	9.47E+01	1.09	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Actinium-228	1290	1490	958 - 2100	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Bismuth-212	1340	1400	368 - 2090	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Bismuth-214	749	725	445 - 1040	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Cesium-134	3240	2450	1580 - 2950	Not Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Cesium-137	2440	1920	1470 - 2490	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Cobalt-60	2850	2220	1620 - 2980	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Lead-212	1160	1440	931 - 2030	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Lead-214	848	805	482 - 1200	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Manganese-54	<33.9	0.00	---	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Potassium-40	11400	11500	8320 - 15600	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Thorium-234	696	962	305 - 1830	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Zinc-65	2670	1990	1580 - 2670	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Strontium-90	6570	7590	2740 - 12400	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Uranium-234	941	972	616 - 1210	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Uranium-238	776	962	588 - 1220	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Uranium-Total	1754	1980	1130 - 2670	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	ug/kg	Uranium-Total(mass)	2314	2890	1590 - 3640	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Americium-241	1260	914	546 - 1170	Not Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Plutonium-238	1500	1420	813 - 2000	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Plutonium-239	1540	1400	956 - 1860	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Uranium-234	671	972	616 - 1210	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Uranium-238	783	962	588 - 1220	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	pCi/kg	Uranium-Total	1498	1980	1130 - 2670	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	ug/kg	Uranium-Total(mass)	2350	2890	1590 - 3640	Acceptable
2nd / 2011	05/11/11	MRAD-14	Soil	ug/kg	Uranium-Total(mass)	1960	2890	1590 - 3640	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Americium-241	3430	3200	1820 - 4400	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Curium-244	829	812	400 - 1260	Acceptable

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Plutonium-239	3000	3100	1920 - 4230	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Uranium-234	2400	2610	1790 - 3460	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Uranium-238	2510	2590	1820 - 3270	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Uranium-Total	5032	5320	3660 - 6860	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	ug/kg	Uranium-Total(mass)	7530	7760	5340 - 10000	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Americium-241	3760	3200	1820 - 4400	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Cesium-134	829	770	441 - 1070	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Cesium-137	883	829	608 - 1150	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Cobalt-60	795	733	496 - 1050	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Manganese-54	<34.1	0.00	---	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Potassium-40	28300	25800	18500 - 36500	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Zinc-65	1020	799	577 - 1090	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Plutonium-238	2910	2990	1610 - 4380	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Plutonium-239	3000	3100	1920 - 4230	Acceptable
2nd / 2011	05/11/11	MRAD-14	Vegetation	pCi/kg	Strontium-90	7400	7890	4410 - 10500	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Americium-241	69.2	62.5	36.6 - 85.7	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Plutonium-238	69.3	69.0	47.4 - 90.7	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Plutonium-239	65.4	65.5	47.5 - 84.8	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Uranium-234	60.3	61.5	38.7 - 91.1	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Uranium-238	66.7	61.0	39.0 - 86.6	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Uranium-Total	131.1	125	63.9 - 199	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	ug/Filter	Uranium-Total(mass)	200	183	114 - 263	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Americium-241	74.9	62.5	36.6 - 85.7	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Cesium-134	260	279	182 - 345	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Cesium-137	320	312	234 - 410	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Cobalt-60	426	390	302 - 487	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Manganese-54	<4.6	0.00	---	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Zinc-65	318	279	193 - 386	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Strontium-90	192	185	81.4 - 288	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Iron-55	391	385	169 - 599	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	ug/Filter	Uranium-Total(mass)	185	183	114 - 263	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Uranium-234	54.8	61.5	38.7 - 91.1	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Uranium-238	54.4	61.0	39.0 - 86.6	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Uranium-Total	109	125	63.9 - 199	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	ug/Filter	Uranium-Total(mass)	177	183	114 - 263	Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Gross Alpha	<5.00	74.3	38.5 - 112	Not Acceptable
2nd / 2011	05/11/11	MRAD-14	Filter	pCi/Filter	Gross Beta	34.1	69.5	42.8 - 102	Not Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-234	87.1	94.3	71.1 - 122	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-238	81.0	93.5	71.4 - 116	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-Total	168.1	192	138 - 256	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	ug/L	Uranium-Total(mass)	241	280	219 - 346	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Americium-241	137	135	92.5 - 182	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Plutonium-238	116	131	99.1 - 162	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Plutonium-239	101	119	92.1 - 147	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-234	88.5	94.3	71.1 - 122	Acceptable

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2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-Total	180.7	192	138 - 256	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	ug/L	Uranium-Total(mass)	264	280	219 - 346	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Americium-241	140	135	92.5 - 182	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Cesium-134	222	231	171 - 265	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Cesium-137	430	417	354 - 500	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Cobalt-60	430	411	358 - 486	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Manganese-54	<5.17	0.00	---	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Zinc-65	131	111	94.1 - 138	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Strontium-90	782	773	491 - 1030	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-234	100	94.3	71.1 - 122	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-238	88.7	93.5	71.4 - 116	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Uranium-Total	188.7	192	138 - 256	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	ug/L	Uranium-Total(mass)	264	280	219 - 346	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Iron-55	245	437	254 - 584	Not Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Gross Alpha	99.7	112	49.7 - 166	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Gross Beta	103	99.8	58.4 - 146	Acceptable
2nd / 2011	05/11/11	MRAD-14	Water	pCi/L	Tritium	13300	15200	9900 - 22500	Acceptable
2nd / 2011	06/14/11	052011J	Water	pCi/L	Barium-133	76.6	75.3	63.0 - 82.8	Acceptable
2nd / 2011	06/14/11	052011J	Water	pCi/L	Cesium-134	71.3	72.9	59.5 - 80.2	Acceptable
2nd / 2011	06/14/11	052011J	Water	pCi/L	Cesium-137	78.8	77.0	69.3 - 87.4	Acceptable
2nd / 2011	06/14/11	052011J	Water	pCi/L	Cobalt-60	92.7	88.8	79.9 - 100	Acceptable
2nd / 2011	06/14/11	052011J	Water	pCi/L	Zinc-65	118	98.9	89.0 - 118	Acceptable
2nd / 2011	07/25/11	E7859-278	Cartridge	pCi	Iodine-131	8.17E+01	8.65E+01	0.95	Acceptable
2nd / 2011	07/25/11	E7860-278	Milk	pCi/L	Strontium-89	9.68E+01	1.03E+02	0.94	Acceptable
2nd / 2011	07/25/11	E7860-278	Milk	pCi/L	Strontium-90	1.58E+01	1.56E+01	1.01	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Iodine-131	9.00E+01	1.03E+02	0.87	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Cerium-141	8.36E+01	7.99E+01	1.05	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Chromium-51	2.39E+02	2.06E+02	1.16	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Cesium-134	1.71E+02	1.90E+02	0.90	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Cesium-137	1.43E+02	1.38E+02	1.04	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Cobalt-58	1.50E+02	1.52E+02	0.99	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Manganese-54	1.32E+02	1.38E+02	0.96	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Iron-59	1.43E+02	1.23E+02	1.16	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Zinc-65	2.76E+02	2.61E+02	1.06	Acceptable
2nd / 2011	07/25/11	E7861-278	Milk	pCi/L	Cobalt-60	1.92E+02	1.95E+02	0.99	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Iodine-131	1.20E+02	1.01E+02	1.19	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Cerium-141	9.30E+01	9.35E+01	0.99	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Chromium-51	3.36E+02	2.41E+02	1.39	Not Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Cesium-134	2.02E+02	2.22E+02	0.91	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Cesium-137	1.73E+02	1.61E+02	1.07	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Cobalt-58	1.75E+02	1.77E+02	0.99	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Manganese-54	1.66E+02	1.61E+02	1.03	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Iron-59	1.57E+02	1.44E+02	1.09	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Zinc-65	3.47E+02	3.05E+02	1.14	Acceptable
2nd / 2011	07/25/11	E7862-278	Water	pCi/L	Cobalt-60	2.38E+02	2.28E+02	1.05	Acceptable

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3rd / 2011	08/11/11	071111J	Filter	pCi/Filter	Gross Beta	84.7	92.2	56.8 - 92.2	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Americium-241	2130	1660	992 - 2130	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Actinium-228	1300	1330	860 - 1880	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Bismuth-212	1460	1550	406 - 2310	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Bismuth-214	1430	1420	872 - 2050	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Cesium-134	6000	5170	3330 - 6220	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Cesium-137	6190	4970	3800 - 6460	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Cobalt-60	9680	7520	5470 - 10100	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Lead-212	1300	1260	820 - 1780	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Lead-214	1700	1510	902 - 2260	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Manganese-54	<263	0.00	---	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Potassium-40	10200	11200	8060 - 15100	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Thorium-234	1460	1590	500 - 3020	Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Zinc-65	2910	1940	1540 - 2600	Not Acceptable
3rd / 2011	08/11/11	071111J	Soil	pCi/kg	Strontium-90	8390	5750	2080 - 9380	Acceptable
3rd / 2011	08/11/11	071111J	Water	pCi/L	Iron-55	426	588	342 - 785	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Gross Alpha	44.2	71.5	37.6 - 88.2	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Gross Beta	58.4	63.4	43.8 - 70.0	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Gross Alpha	53.1	71.5	37.6 - 88.2	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Tritium	7200	7620	6600 - 8370	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Strontium-89	51.9	52.3	41.4 - 59.8	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Strontium-90	20.3	26.4	19.1 - 30.8	Acceptable
3rd / 2011	08/18/11	RAD-86	Water	pCi/L	Iodine-131	35.4	26.0	21.6 - 30.7	Not Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Barium-133	55.3	51.6	42.5 - 57.2	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Cesium-134	77.9	84.1	68.9 - 92.5	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Cesium-137	111	109	98.1 - 122	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Cobalt-60	110	109	98.1 - 122	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Zinc-65	63.4	52.8	46.3 - 64.8	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Radium-226	14.3	14.6	10.9 - 16.8	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Radium-228	12.6	13.2	8.75 - 16.1	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Uranium (Nat)	50.7	51.2	41.6 - 56.9	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	ug/L	Uranium (Nat) mass	71.7	74.7	60.6 - 83.0	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Radium-226	14.1	14.6	10.9 - 16.8	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Radium-228	12.5	13.2	8.75 - 16.1	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	pCi/L	Uranium (Nat)	52.2	51.2	41.6 - 56.9	Acceptable
3rd / 2011	09/02/11	RAD-800	Water	ug/L	Uranium (Nat) mass	77.9	74.7	60.6 - 83.0	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Americium-241	64.93	61.1	42.8 - 79.4	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Cesium-134	686.5	680	476 - 884	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Cesium-137	783	758	531 - 985	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Cobalt-57	898.5	927	649 - 1205	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Cobalt-60	493.5	482	337 - 627	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Iron-55	245	387	271 - 503	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Nickel-63	440.3	582	407 - 757	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Plutonium-239/240	90.87	98.0	68.6 - 127.4	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Potassium-40	588	540	378 - 702	Acceptable

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3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Uranium-234/233	175.33	176	123 - 229	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Uranium-238	195.67	184	129 - 239	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaS24	Soil	mg/kg	Zinc-65	1515	1359	951 - 1767	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Americium-241	0.4877	0.529	0.370 - 0.688	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Cesium-134	19.60	21.5	15.1 - 28.0	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Cesium-137	29.9	29.4	20.6 - 38.2	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Cobalt-60	24.75	24.6	17.2 - 32.0	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Hydrogen-3	225.3	243	170 - 316	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Iron-55	14.10	26.4	18.5 - 34.3	Not Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Manganese-54	32.9	31.6	22.1 - 41.1	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Nickel-63	19.2	18.6	13.0 - 24.2	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Plutonium-238	1.005	1.064	0.745 - 1.383	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Plutonium-239/240	0.755	0.809	0.566 - 1.052	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Potassium-40	99.8	91	64 - 118	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Strontium-90	8.05	8.72	6.10 - 11.34	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Technetium-99	8.6	8.99	6.29 - 11.69	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Uranium-234/233	1.537	1.50	1.05 - 1.95	Acceptable
3rd / 2011	05/07/11	MAPEP-11-MaW24	Water	Bq/L	Uranium-238	1.457	1.54	1.08 - 2.00	Acceptable
3rd / 2011	05/07/11	MAPEP-11-GrW24	Water	Bq/L	Gross Alpha	1.019	1.136	0.341 - 1.931	Acceptable
3rd / 2011	05/07/11	MAPEP-11-GrW24	Water	Bq/L	Gross Beta	3.140	2.96	1.48 - 4.44	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	ug/sample	Uranium-235	0.108	0.106	0.074 - 0.138	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	ug/sample	Uranium-238	14.4	14.9	10.4 - 19.4	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	ug/sample	Uranium-Total	14.4	15.0	10.5 - 19.5	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Cesium-134	3.39	3.49	2.44 - 4.54	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Cesium-137	2.375	2.28	1.60 - 2.96	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Cobalt-57	3.60	3.33	2.33 - 4.33	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Manganese-54	2.975	2.64	1.85 - 3.43	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Plutonium-238	0.092	0.096	0.067 - 0.125	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Plutonium-239/240	0.073	0.0765	.0536 - .0995	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Strontium-90	1.373	1.36	0.95 - 1.77	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Uranium-234/233	0.184	0.178	0.125 - 0.231	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Uranium-238	0.183	0.185	0.130 - 0.241	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdF24	Filter	Bq/sample	Zinc-65	3.470	3.18	2.23 - 4.13	Acceptable
3rd / 2011	05/07/11	MAPEP-11-GrF24	Filter	Bq/sample	Gross Alpha	0.102	0.659	0.198 - 1.120	Not Acceptable
3rd / 2011	05/07/11	MAPEP-11-GrF24	Filter	Bq/sample	Gross Beta	1.210	1.32	0.662 - 1.985	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Cesium-134	5.120	5.50	3.85 - 7.15	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Cobalt-57	9.835	9.94	6.96 - 12.92	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Cobalt-60	5.060	4.91	3.44 - 6.38	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Manganese-54	6.405	6.40	4.48 - 8.32	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Plutonium-238	0.110	0.102	0.071 - 0.133	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Plutonium-239/240	0.1277	0.141	0.099 - 0.183	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Strontium-90	2.430	2.46	1.72 - 3.20	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Uranium-234/233	0.158	0.163	0.114 - 0.212	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Uranium-238	0.159	0.168	0.118 - 0.218	Acceptable
3rd / 2011	05/07/11	MAPEP-11-RdV24	Vegetation	Bq/sample	Zinc-65	3.275	2.99	2.09 - 3.89	Acceptable

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
4th / 2011	10/25/11	RAD-87	Liquid	pCi/L	Iodine-131	28.7	27.5	22.9 - 32.3	Acceptable
3rd / 2011	10/19/11	E8095-278	Cartridge	pCi	Iodine-131	7.69E+01	8.02E+01	0.96	Acceptable
3rd / 2011	10/19/11	E8096-278	Milk	pCi/L	Strontium-89	9.51E+01	9.08E+01	1.05	Acceptable
3rd / 2011	10/19/11	E8096-278	Milk	pCi/L	Strontium-90	8.49E+00	1.47E+01	0.58	Not Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Iodine-131	8.59E+01	8.92E+01	0.96	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Cerium-141	6.59E+01	6.67E+01	0.99	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Chromium-51	2.18E+02	2.26E+02	0.96	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Cesium-134	1.20E+02	1.28E+02	0.94	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Cesium-137	1.23E+02	1.14E+02	1.08	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Cobalt-58	9.08E+01	9.75E+01	0.93	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Manganese-54	1.57E+02	1.51E+02	1.04	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Iron-59	5.30E+01	5.48E+01	0.97	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Zinc-65	1.88E+02	1.80E+02	1.04	Acceptable
3rd / 2011	10/19/11	E8097-278	Milk	pCi/L	Cobalt-60	1.51E+02	1.57E+02	0.96	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Iodine-131	7.23E+01	8.01E+01	0.9	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Cerium-141	9.06E+01	9.15E+01	0.99	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Chromium-51	3.19E+02	3.10E+02	1.03	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Cesium-134	1.57E+02	1.76E+02	0.89	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Cesium-137	1.60E+02	1.56E+02	1.03	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Cobalt-58	1.34E+02	1.34E+02	1.00	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Manganese-54	2.19E+02	2.07E+02	1.06	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Iron-59	9.04E+01	7.52E+01	1.20	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Zinc-65	2.74E+02	2.47E+02	1.11	Acceptable
3rd / 2011	10/19/11	E8098-278	Water	pCi/L	Cobalt-60	2.25E+02	2.15E+02	1.04	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Cesium-137	990.5	979	685 - 1273	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Cobalt-57	1140	1180	826 - 1534	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Cobalt-60	665.5	644	451 - 837	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Iron-55	1206.7	1000	700 - 1300	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Manganese-54	897.5	848	594 - 1102	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Plutonium-238	90.9	93.6	65.5 - 121.7	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Plutonium-239/240	76.6	77.4	54.2 - 100.6	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Potassium-40	692	625	438 - 813	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Strontium-90	333.3	320	224 - 416	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Technetium-99	166	182	127 - 237	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Uranium-234/233	273.67	263	184 - 342	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Uranium-238	287.33	274	192 - 356	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaS25	Soil	Bq/kg	Zinc-65	1770	1560	1092 - 2028	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Americium-241	3.0667	3.18	2.23 - 4.13	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Cesium-134	16.95	19.1	13.4 - 24.8	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Cobalt-57	38.05	36.6	25.6 - 47.6	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Cobalt-60	30.45	29.3	20.5 - 38.1	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Hydrogen-3	965.7	1014	710 - 1318	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Manganese-54	26.95	25.0	17.5 - 32.5	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Plutonium-239/240	2.247	2.4	1.68 - 3.12	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Potassium-40	171.5	156	109 - 203	Acceptable
4th / 2011	11/16/11	MAPEP-11-MaW25	Water	Bq/L	Strontium-90	14.47	14.2	9.9 - 18.5	Acceptable

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
4th / 2011	11/21/11	MAPEP-11-MaW25	Water	Bq/L	Uranium-238	2.787	2.89	2.02 - 3.76	Acceptable
4th / 2011	11/21/11	MAPEP-11-MaW25	Water	Bq/L	Zinc-65	32.7	28.5	20.0 - 37.1	Acceptable
4th / 2011	11/21/11	MAPEP-11-GrW25	Water	Bq/L	Gross Alpha	0.876	0.866	0.260 - 1.472	Acceptable
4th / 2011	11/21/11	MAPEP-11-GrW25	Water	Bq/L	Gross Beta	5.003	4.81	2.41 - 7.22	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	ug/sample	Uranium-235	0.0927	0.0966	.0676 - .1256	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	ug/sample	Uranium-238	12.9	13.7	9.6 - 17.8	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	ug/sample	Uranium-Total	13	13.8	9.7 - 17.9	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Americium-241	0.1097	0.147	0.103 - 0.191	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Cesium-137	1.945	2.6	1.82 - 3.38	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Cobalt-57	4.23	5.09	3.56 - 6.62	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Cobalt-60	2.525	3.2	2.24 - 4.16	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Plutonium-238	0.096	0.1183	.0828 - .1538	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Plutonium-239/240	0.094	0.135	0.095 - 0.176	Not Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Strontium-90	1.213	1.67	1.17 - 2.17	Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Uranium-234/233	0.116	0.162	0.113 - 0.211	Not Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Uranium-238	0.105	0.168	0.118 - 0.218	Not Acceptable
4th / 2011	11/21/11	MAPEP-11-RdF25	Filter	Bq/sample	Zinc-65	3.355	4.11	2.88 - 5.34	Acceptable
4th / 2011	11/21/11	MAPEP-11-GrF25	Filter	Bq/sample	Gross Alpha	0.0037	-	False Positive	Not Acceptable
4th / 2011	11/21/11	MAPEP-11-GrF25	Filter	Bq/sample	Gross Beta	0.027	-	False Positive	Not Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Americium-241	0.205	0.222	0.155 - 0.289	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Cesium-137	4.72	4.71	3.30 - 6.12	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Cobalt-60	3.48	3.38	2.37 - 4.39	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Manganese-54	5.925	5.71	4.00 - 7.42	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Plutonium-238	0.111	0.124	0.087 - 0.161	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Strontium-90	1.38	1.26	0.88 - 1.64	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Uranium-234/233	0.352	0.357	0.250 - 0.464	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Uranium-238	0.337	0.37	0.259 - 0.481	Acceptable
4th / 2011	11/16/11	MAPEP-11-RdV25	Vegetation	Bq/sample	Zinc-65	6.63	6.39	4.47 - 8.31	Acceptable
4th / 2011	11/16/11	MAPEP-11-XaW25	Water	Bq/sample	Iodine-129	8.723	9.5	6.7 - 12.4	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-234	2502	2530	1600 - 3140	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-238	2347	2560	1560 - 3250	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-Total	4849	5190	2960 - 7010	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	ug/kg	Uranium-Total (mass)	6980	7570	4160 - 9520	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Americium-241	1360	1210	723 - 1550	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Plutonium-238	1290	1240	710 - 1750	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Plutonium-239	1570	1440	983 - 1910	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-234	2520	2530	1600 - 3104	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-238	2670	2560	1560 - 3250	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-Total	5304	5190	2960 - 7010	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	ug/kg	Uranium-Total (mass)	8000	7570	4160 - 9520	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Actinium-228	1250	1350	866 - 1900	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Bismuth-212	1500	1400	368 - 2090	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Bismuth-214	1860	1420	872 - 2040	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Cesium-134	4750	4120	2650 - 4960	Acceptable

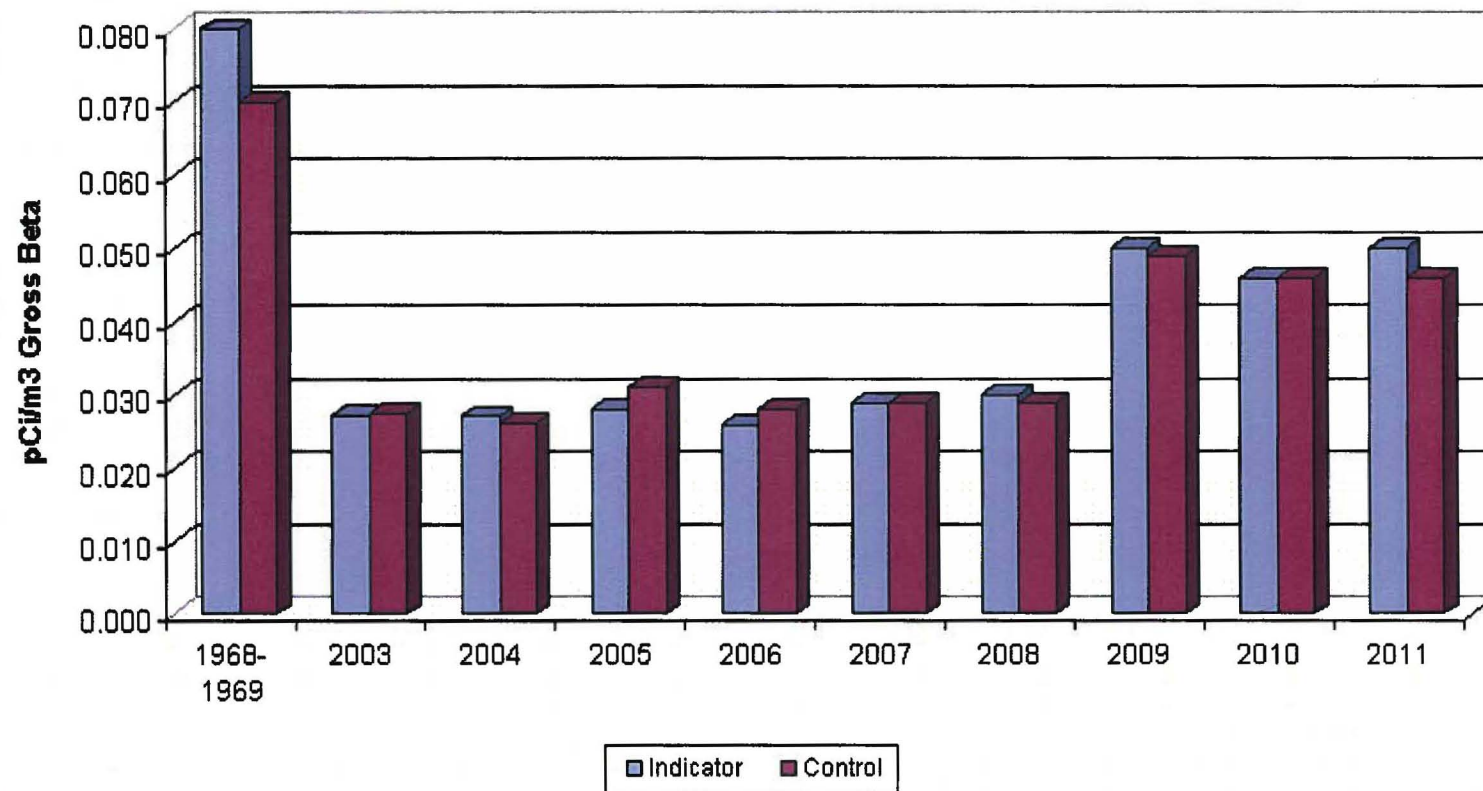
Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Cobalt-60	6230	5350	3890 - 7180	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Lead-212	1520	1310	845 - 1840	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Lead-214	2090	1380	826 - 2050	Not Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Manganese-54	< 46.2	< 1000	0.00 - 1000	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Potassium-40	10200	12500	9060 - 16900	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Thorium-234	2960	2560	813 - 4880	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Zinc-65	4590	3760	2980 - 5040	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Strontium-90	6210	5780	2090 - 9430	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-234	2640	2530	1600 - 3140	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-238	2450	2560	1560 - 3250	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-Total	5200	5190	2960 - 7010	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	ug/kg	Uranium-Total (mass)	7286	7570	4160 - 9520	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	ug/kg	Uranium-Total (mass)	7430	7570	4160 - 9520	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Americium-241	3040	2980	1700 - 4090	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Curium-244	697	642	316 - 1000	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Plutonium-238	3000	2880	1560 - 4220	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Plutonium-239	2910	2980	1850 - 4060	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-234	2580	2420	1660 - 3210	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-238	2660	2400	1690 - 3030	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Uranium-Total	5356	4920	3330 - 6120	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	ug/kg	Uranium-Total (mass)	7970	7180	4810 - 9120	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Cesium-134	1480	1380	790 - 1910	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Cesium-137	1570	1270	932 - 1760	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Cobalt-60	1800	1500	1010 - 2160	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Manganese-54	< 44.0	< 300	0.00 - 300	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Potassium-40	32100	28800	20700 - 40800	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Zinc-65	3470	2770	2000 - 3790	Acceptable
4th / 2011	10/31/11	MRAD-15	Soil	pCi/kg	Strontium-90	6320	5440	3040 - 7220	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Americium-241	63.4	76.0	44.5 - 104	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Plutonium-238	62.5	71.2	48.9 - 93.6	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Plutonium-239	65.5	69.0	50.0 - 89.4	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Uranium-234	66.8	74.2	46.7 - 110	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Uranium-238	68.8	73.5	47.0 - 104	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Uranium-Total	139	151	77.2 - 240	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	ug/Filter	Uranium-Total (mass)	206	220	137 - 316	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Cesium-134	376	429	279 - 531	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Cesium-137	465	486	365 - 638	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Cobalt-60	496	524	405 - 655	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Manganese-54	< 5.31	< 50.0	0.00 - 50.0	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Zinc-65	471	464	321 - 643	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Strontium-90	106	112	49.3 - 174	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Uranium-Total (mass)	184	220	137 - 316	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Gross Alpha	81.2	58.4	30.3 - 87.8	Acceptable
4th / 2011	10/31/11	MRAD-15	Filter	pCi/Filter	Gross Beta	56.0	48.9	30.1 - 71.4	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-234	80.9	94.4	71.2 - 122	Acceptable

Quarter / Year	Analysis Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-Total	169	192	138 - 256	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	ug/L	Uranium-Total (mass)	263	281	220 - 347	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Americium-241	135	135	92.5 - 182	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Plutonium-238	122	130	98.3 - 161	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Plutonium-239	112	121	93.6 - 150	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-234	85.4	94.4	71.2 - 122	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-238	90.5	93.6	71.5 - 116	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-Total	182	192	138 - 256	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	ug/L	Uranium-Total (mass)	272	281	220 - 347	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Cesium-134	293	323	239 - 371	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Cesium-137	423	421	358 - 504	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Cobalt-60	505	486	423 - 574	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Manganese-54	< 6.58	< 100	0.00 - 100	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Zinc-65	349	315	267 - 393	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Strontium-90	846	795	505 - 1060	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-234	99.5	94.4	71.2 - 122	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-238	94.4	93.6	71.5 - 116	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Uranium-Total	194	192	138 - 256	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	ug/L	Uranium-Total (mass)	281	281	220 - 347	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Iron-55	667	564	328 - 753	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Gross Alpha	48.2	68.9	30.6 - 102	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Gross Beta	45.5	51.7	30.2 - 75.8	Acceptable
4th / 2011	10/31/11	MRAD-15	Water	pCi/L	Tritium	19900	21300	13900 - 31500	Acceptable
4th / 2011	01/12/12	E8197-278	Cartridge	pCi	Iodine-131	9.52E+01	9.82E+01	1.07	Acceptable
4th / 2011	01/12/12	E8198-278	Milk	pCi/L	Strontium-89	8.78E+01	8.96E+01	0.98	Acceptable
4th / 2011	01/12/12	E8198-278	Milk	pCi/L	Strontium-90	1.51E+01	1.48E+01	1.02	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Iodine-131	9.36E+01	9.02E+01	1.04	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Chromium-51	5.53E+02	5.66E+02	0.98	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Cesium-134	1.59E+02	1.71E+02	0.93	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Cesium-137	2.27E+02	2.10E+02	1.08	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Cobalt-58	2.18E+02	2.21E+02	0.99	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Manganese-54	2.52E+02	2.41E+02	1.05	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Iron-59	1.90E+02	1.83E+02	1.04	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Zinc-65	3.19E+02	2.91E+02	1.09	Acceptable
4th / 2011	01/12/12	E8199-278	Milk	pCi/L	Cobalt-60	2.82E+02	2.70E+02	1.04	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Iodine-131	8.44E+01	8.87E+01	0.95	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Chromium-51	5.32E+02	5.66E+02	0.94	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Cesium-134	1.56E+02	1.71E+02	0.91	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Cesium-137	2.06E+02	2.10E+02	0.98	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Cobalt-58	2.02E+02	2.21E+02	0.92	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Manganese-54	2.50E+02	2.41E+02	1.04	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Iron-59	1.81E+02	1.83E+02	0.99	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Zinc-65	2.95E+02	2.91E+02	1.01	Acceptable
4th / 2011	01/12/12	E8200-278	Water	pCi/L	Cobalt-60	2.58E+02	2.70E+02	0.96	Acceptable

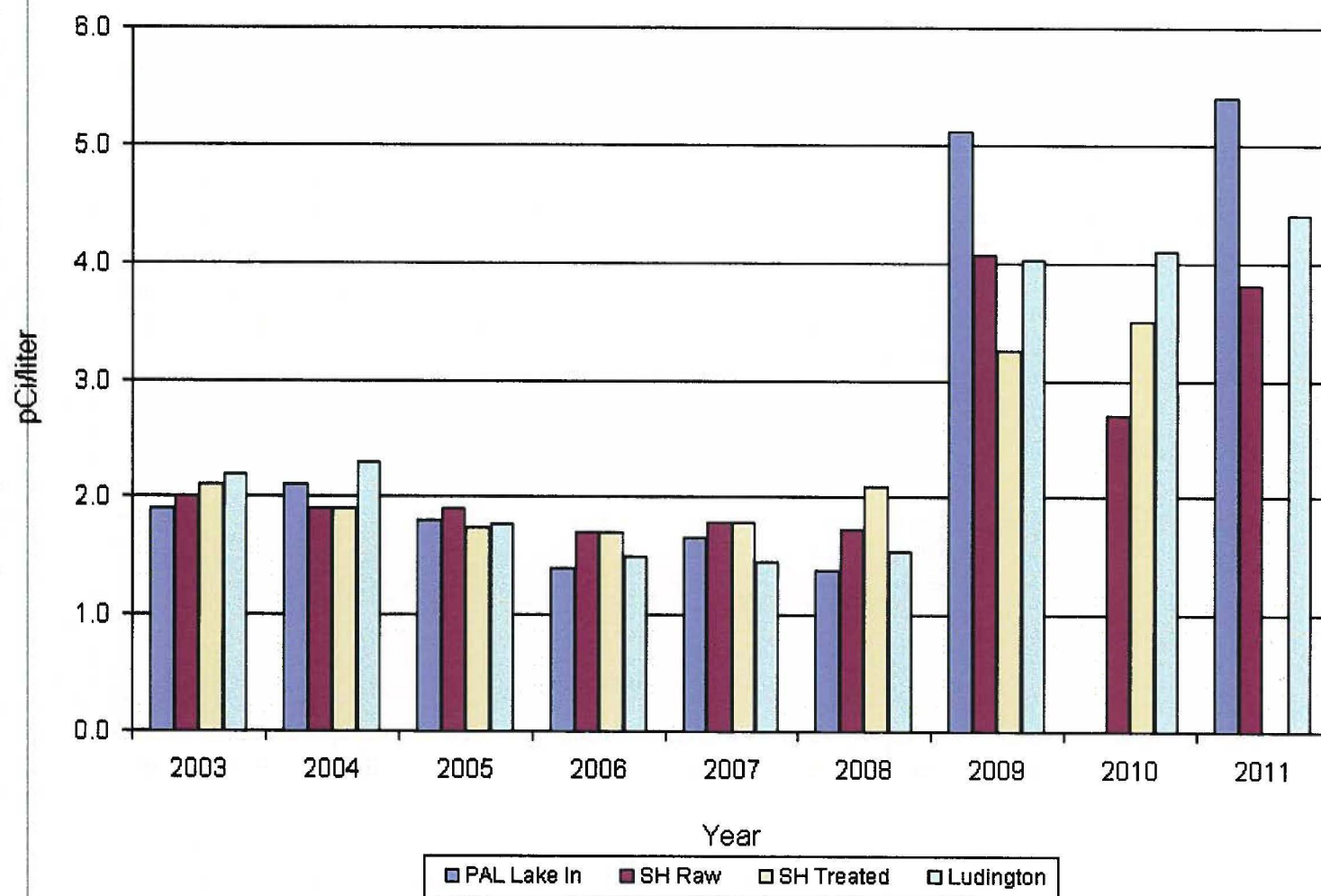
ATTACHMENT 6

DATA GRAPHS

Palisades Air Particulate
Gross Beta
Pre-Operational vs. Operational



Water Samples Gross Beta 2003 to 2011



**Palisades Quarterly Thermoluminescent Dosimeters
Pre-Op and 2003-2011**

