

TMI RADIOLOGICAL GROUNDWATER PROTECTION PROGRAM (RGPP) **SAMPLE POINT DATA AND STANDARD CONTROL LIMITS**

1.0 PURPOSE

- 1.1 This station procedure provides a method for control of station specific sample point analytical requirements and frequencies, as well as controlling notification levels for internal and external actions, and establishing for the external laboratory alert and high notifications to the station. Also established is a process for addition/deletion of monitoring locations and controlling the reporting matrix for this program.
- 1.2 This procedure provides guidance for the following:
- RGPP sampling and analysis requirements.
 - Describes notification requirements for internal and external actions.
 - Process for changing monitoring locations.
 - Controlling the reporting matrix.

2.0 TERMS AND DEFINITIONS

- 2.1 RGPP – Radioactive Groundwater Protection Program.
- 2.2 PADEP – Pennsylvania Department of Environmental Protection.
- 2.3 LLD – Lower Limit of Detection as defined by the Off-Site Dose Calculation Manual.
- 2.4 NEI – Nuclear Electric Institute.

3.0 RESPONSIBILITIES

- 3.1 The station Chemistry/Environmental Department is the owner of the RGPP and is responsible for sampling, analysis, determining well locations, sampling requirements, and notifying station management of elevated groundwater radioactivity concentrations.
- 3.2 Operations Department is responsible for performing notifications IAW the Reportability Manual.

4.0 **MAIN BODY**

- 4.1 **SAMPLE** RGPP IAW ATTACHMENT 7.1, Sample Point List.
- 4.2 **SEND** samples to offsite vendor for environmental analysis.
- 4.3 **MAINTAIN** a list of sample point data sheets IAW ATTACHMENT 7.2, Sample Point Controlled Data Form.
- 4.4 **If** a new sample point is established, **then USE** appropriate ODCM values for default parameters IAW ATTACHMENT 7.3, Default RGPP Sample Point Data.
- 4.5 **If** a sample point is to be discontinued, **then PROCESS** removal of sample point IAW CY-AA-170-415, Controlled RGPP Sample Point Data and Standard Control Limits.
- 4.6 **DOCUMENT** any changes to sample points or parameters IAW CY-AA-170-415, Controlled RGPP Sample Point Data and Standard Control Limits.

5.0 **RETURN TO NORMAL** - None

6.0 **REFERENCES**

- 6.1 CY-AA-170-400. Radiological Groundwater Protection Program.
- 6.2 CY-AA-170-415, Controlled RGPP Sample Point Data and Standard Control Limits.
- 6.3 CY-AA-170-4000, RGPP Reporting Requirements.

7.0 **ATTACHMENTS**

- 7.1 ATTACHMENT 7.1, Sample Point List
- 7.2 ATTACHMENT 7.2, Sample Point Controlled Data Form
- 7.3 ATTACHMENT 7.3, Controlled RGPP Sample Point Data and Standard Control Limits

ATTACHMENT 7.1
Sample Point List

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Sample frequency: M: Monthly, Q: Quarterly, S: Semi-Annual, T: Thrice Yearly, A: Annual, B: Biennial, L: Level Only

Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MW-TMI-1D	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	East of Tower Desilt Basin	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
MW-TMI-2D	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	West of MW-1	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
MW-TMI-3I	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	West of NW-B Well	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
MW-TMI-4S	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	North of Warehouse 1	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
MW-TMI-4I	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	North of Warehouse 1	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
MW-TMI-5D	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	North of Warehouse 1	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MW-TMI-5D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	North of Warehouse 1	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-6I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	West of U-2 Reactor Building	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-6D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	West of U-2 Reactor Building	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-7S	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	South of Dike, Center of Island	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-8S	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	North of Waste Storage Building	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-9I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	South of SWSF in WHPF yard	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MW-TMI-9S	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	South of SWSF in WHPF yard	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-TMI-10S	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	West of Mechanical Draft Cooling Tower	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-TMI-10I	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	West of Mechanical Draft Cooling Tower	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-TMI-10D	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	West Side of Site Between Warehouse 2&3	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-TMI-11S	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	South of PW-T-2	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-TMI-12S	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	South of RW-2	Tritium Gamma Strontium	Q	Turbine Building sump or Drain	Protected Area Isolation/ Microwave Zone
	A		1			A		
	B		½			B		
MW-TMI-13S	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	West of 'B' Cooling Tower	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MW-TMI-13I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	West of 'B' Cooling Tower	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-14I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	At Hydrogen Staging Tanks	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-14D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	At Hydrogen Staging Tanks	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-14S	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	At Hydrogen Staging Tanks	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-16I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	Inside Gate 1 Sallyport	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-16D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	Inside Gate 1 Sallyport	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
MW-TMI-17I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	North Parking Lot	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MW-TMI-17D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	North Parking Lot	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-18D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	Northeast of East Dike Catch Basin	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-19I	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	South of RM-L-7	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
MW-TMI-19D	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	South of RM-L-7	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
48S	Q A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4 1 ½	South of Building 48	Tritium Gamma Strontium	Q A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
E1-2	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Visitor Center Well	Tritium Gamma Strontium	S	N/A	Offsite
	A		1			A		
	B		1/2			B		
EDCB	M	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	12	East Dike Settling Basin	Tritium Gamma Strontium	Q	N/A	Owner Controlled
	M		12			Q		
	B		1/2			B		
GW-GP-1	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	Within OCA, Refer to Map	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
GW-GP-6	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	Within OCA, Refer to Map	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
GW-GP-8	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	Within OCA, Refer to Map	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
GW-GP-9	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	Within OCA, Refer to Map	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
GW-GP-12	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	Within OCA, Refer to Map	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
	A		1			A		
	B		1/2			B		

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MS-1	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Area of 200K Off-Load Station	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MS-2	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	South of Chem Cleaning Building	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area
	A		1			A		
	B		½			B		
MS-3	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Inside PAB-East of U-2 Control Building	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area
	A		1			A		
	B		½			B		
MS-4	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Southeast Corner of Protected Area	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area Isolation/ Microwave Zone
	A		1			A		
	B		½			B		
MS-5	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Inside PAB South End	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area
	A		1			A		
	B		½			B		
MS-7	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	North of IWTS	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled – Exclusion Zone
	A		1			A		
	B		½			B		

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analyses Freq.	Disposal	Location
MS-8	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 1/2	East of U-2 FHB	Tritium Gamma Strontium	S A B	Turbine Building sump or Drain	Protected Area
MS-19	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 1/2	South of 'B' Cooling Tower	Tritium Gamma Strontium	S A B	Turbine Building sump or Drain	Owner Controlled - Exclusion Zone
MS-20	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 1/2	West of OESB	Tritium Gamma Strontium	S A B	Turbine Building sump or Drain	Protected Area
MS-21	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 1/2	North of Diesel Building	Tritium Gamma Strontium	S A B	Turbine Building sump or Drain	Protected Area Isolation/ Microwave Zone
MS-22	Q A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4 1 1/2	West of U-1 Reactor Building	Tritium Gamma Strontium	Q A B	Turbine Building sump or Drain	Protected Area Inside RCA
MW-1	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 1/2	East Side of Site Near MW-TMI-2D	Tritium Gamma Strontium	S A B	Industrial Waste Filter System (IWFS) Sump	Owner Controlled

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
MW-2	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	At Cooling Tower Desilt Basin	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-3	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	East Side of Site Near MW-TMI-1D	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
MW-4	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	East Side of Site Near MW-3	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
N2-1	S A B	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2 1 ½	Offsite-Goldsboro Marina	Tritium Gamma Strontium	S A B	N/A	Offsite
NW-A	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Southwest of Pretreatment Building	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
NW-B	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Southwest of Pretreatment Building	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		
NW-C	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Southwest of Pretreatment Building	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		½			B		

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
NW-CW	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Within OCA, Refer to Map	Tritium Gamma Strontium	S	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
OS-13B	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	West of U-2 Reactor Building	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area
	A		1			A		
	B		1/2			B		
OS-14	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	West of U-2 Turbine Building	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area
	A		1			A		
	B		1/2			B		
OS-18	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	East of Building 222 Slab	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
OSF	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	West of OSF Building	Tritium Gamma Strontium	Q	Industrial Waste Filter System (IWFS) Sump	Owner Controlled
	A		1			A		
	B		1/2			B		
RW-1	S	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	2	Aux Boiler Area	Tritium Gamma Strontium	S	Turbine Building sump or Drain	Protected Area
	A		1			A		
	B		1/2			B		
RW-2	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	Aux Boiler Area	Tritium Gamma Strontium	Q	Turbine Building sump or Drain	Protected Area Isolation/ Microwave Zone
	A		1			A		
	B		1/2			B		

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Sample Number	Coll. Freq.	Sampling Description	Approx. Number of Samples per year	Distance and Direction	Required Analysis	Analysis Freq.	Disposal	Location
SW-E-1	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	East Shore of Island near MW-TMI-2D	Tritium Gamma Strontium	Q	N/A	Owner Controlled
	A							
	B							
SW-E-2	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	East Shore of Island near Fish ladder catwalk	Tritium Gamma Strontium	Q	N/A	Owner Controlled
	A							
	B							
SW-E-3	Q	250 MI Br. Amb 4 L acid to pH 2 0.5 L acid inc. w/ gamma	4	East Shore of Island at South Bridge	Tritium Gamma Strontium	Q	N/A	Owner Controlled
	A							
	B							

ATTACHMENT 7.2
Sample Point Controlled Data Form

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Sample Point: **MW-TMI-5D** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; North Warehouse 1

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

ATTACHMENT 7.2 Sample Point Controlled Data Form

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Sample Point: **MW-TMI-6I** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; West of U-2 Reactor Building

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point Controlled Data Form

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Sample Point: **MW-TMI-6D** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; West of U-2 Reactor Building

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-9I** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; South of SWSF in WHPF Yard)

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-9S** Date Changed: 8/28/2007 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; South of SWSF in WHPF Yard

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
Zr-95		30	APV	30	400	30	150	

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

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Sample Point Controlled Data Form

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Sample Point: **MW-TMI-10D** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; West mech draft cooling tower

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

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Sample Point: **MW-TMI-13S** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; West of B cooling tower

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MW-TMI-13I** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; West of B cooling tower

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-14I** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; Aat Hydrogen Staging Tanks

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-14D** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; At Hydrogen Staging Tanks

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-14S** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; At Hydrogen Staging Tanks

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-16I** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; North of Gate 1 in sallyport

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MW-TMI-16D** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; North of Gate 1 in sallyport

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MW-TMI-18D** Date Changed: 10/1/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; North of East Dike Settling Basin

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-TMI-19I** Date Changed: 10/2/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; South of RML-7

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

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Sample Point: **48S** Date Changed: 10/21/2006 Sample Purge yes
 Sample Method: Grab Purge/Decon Water Disposal: yes
 Prior report: No Potential Drinking Water Source: yes
 Other: Location owner controlled; Southwest corner of Bldg 48

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	Q	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **E1-2** Date Changed: 10/23/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: yes

Other: Location: Offsite- Visitor Center

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **EDCB** Date Changed: 11/23/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; East Dike Settling Basin

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	Q	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	Q							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **GW-GP-12** Date Changed: 11/13/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; West of U-2 Reactor Building

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	Q	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point Controlled Data Form

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Sample Point: **MS-1** Date Changed: 10/7/2006 Sample Purge yes
 Sample Method: low flow or purge Purge/Decon Water Disposal: yes
 Prior report: Yes Potential Drinking Water Source: no
 Other: Location owner controlled; FO-T-2 off load station

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

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Sample Point: **MS-2** Date Changed: 10/8/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; South of chem cleaning bldg

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MS-3** Date Changed: 10/30/2006 Sample Purge yes
 Sample Method: low flow or purge Purge/Decon Water Disposal: yes
 Prior report: No Potential Drinking Water Source: no
 Other: Location protected area; East of U-2 Control Bldg

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MS-4** Date Changed: 10/9/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; Southeast corner of protected area

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MS-5** Date Changed: 10/10/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; south end

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MS-7** Date Changed: 10/11/2006 Sample Purge yes
 Sample Method: low flow or purge Purge/Decon Water Disposal: yes
 Prior report: No Potential Drinking Water Source: no
 Other: Location owner controlled; North of IWTS

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MS-8** Date Changed: 10/12/2006 Sample Purge yes
 Sample Method: low flow or purge Purge/Decon Water Disposal: yes
 Prior report: No Potential Drinking Water Source: no
 Other: Location protected area; East of U-2 FHB

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

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Sample Point Controlled Data Form

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Sample Point: **MS-19** Date Changed: 10/13/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; South of B cooling tower

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MS-22** Date Changed: 10/5/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; West of U-1 Reactor Building

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	Q	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **MW-3** Date Changed: 10/18/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; East side of site near MW-TMI-1D

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **MW-4** Date Changed: 10/19/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; East side of site near MW-3

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

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Sample Point: **N2-1** Date Changed: 10/24/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: yes

Other: Location ; Offsite- Goldsboro Marina

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

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Sample Point: **NW-A** Date Changed: 10/25/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; Southwest of Pretreatment Bldg

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	4000	5000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

ATTACHMENT 7.2
Sample Point Controlled Data Form

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Sample Point: **NW-B** Date Changed: 10/26/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; Southwest of Pretreatment Bldg

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	4000	5000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

**ATTACHMENT 7.2
Sample Point Controlled Data Form**

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Sample Point: **NW-C** Date Changed: 10/27/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; Southwest of Pretreatment Bldg

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	4000	5000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

ATTACHMENT 7.2 Sample Point Controlled Data Form

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Sample Point: **NW-CW** Date Changed: 11/14/2006 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: Yes Potential Drinking Water Source: no

Other: Location owner controlled; Pretreatment Building

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	4000	5000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

ATTACHMENT 7.2 Sample Point Controlled Data Form

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Sample Point: **OS-18** Date Changed: 10/6/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location owner controlled; East of Bldg 222 pad

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		Q	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

ATTACHMENT 7.2 Sample Point Controlled Data Form

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Sample Point: **OSF** Date Changed: 10/22/2006 Sample Purge yes
 Sample Method: Grab Purge/Decon Water Disposal: yes
 Prior report: No Potential Drinking Water Source: yes
 Other: Location owner controlled; West of OSF building

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	Q	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picroCuries per liter (pCi/L)

ATTACHMENT 7.2
Sample Point Controlled Data Form

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Sample Point: **RW-1** Date Changed: 11/15/2006 Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; Southeast of Aux Boiler Area

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	S	2000	1600	2000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are pCi/L

ATTACHMENT 7.2 Sample Point Controlled Data Form

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Sample Point: **RW-2** Date Changed: 10/4/2006 Sample Purge yes
 Sample Method: low flow or purge Purge/Decon Water Disposal: yes
 Prior report: Yes Potential Drinking Water Source: no
 Other: Location protected area; East of Aux Boiler area

Analyte	Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification		
	Freq	LLD	Internal	Outside Report		Alert	High	
			Admin	Courtesy	External			
Tritium	Q	2000	4000	5000	20000	1200	15000	
Sr-90	B	2	APV	2	8	2	6	
Gamma	A							
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

ATTACHMENT 7.2 Sample Point Controlled Data Form

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Sample Point: **SW-E-1** Date Changed: 8/28/2007 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; East shore of island near MW-TMI-2D

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

ATTACHMENT 7.2
Sample Point Controlled Data Form

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Sample Point: **SW-E-3** Date Changed: 8/28/2007 Sample Purge yes

Sample Method: Grab Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: Location protected area; East shore of island at South Bridge

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)

**ATTACHMENT 7.3
CONTROLLED RGPP SAMPLE POINT DATA AND STANDARD CONTROL LIMITS**

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Sample Point: _____ Date Changed: _____ Sample Purge yes

Sample Method: low flow or purge Purge/Decon Water Disposal: yes

Prior report: No Potential Drinking Water Source: no

Other: _____ Location ;

Analyte		Analytical Requirements		Reporting Level (pCi/L)			Laboratory Notification	
		Freq	LLD	Internal	Outside Report		Alert	High
				Admin	Courtesy	External		
Tritium		S	2000	1600	2000	20000	1200	15000
Sr-90		B	2	APV	2	8	2	6
Gamma		A						
	Ba-140		60	APV	60	200	60	150
	Cs-134		15	APV	20	30	20	25
	Co-60		15	APV	30	300	30	225
	Cs-137		18	APV	20	50	20	40
	I-131		15	APV	18	20	18	18
	La-140		15	APV	20	200	20	150
	Mn-54		15	APV	100	1000	80	750
	Nb-95		15	APV	40	400	30	300
	Zn-65		30	APV	30	300	30	225
	Zr-95		30	APV	30	400	30	150

M monthly **Q** quarterly **S** semi-annual **T** thrice yearly **A** annual **B** biennial **L** level measurement only

Analytical Requirements: includes the analytical frequency and required LLD.

Well sampling method – high flow or low flow

Threshold for internal action – normally 200 pCi/L tritium for background wells

Threshold for external reporting – normally the ODCM reporting value for offsite environmental samples

Laboratory alert and high notification values – values that trigger the analytical laboratory to notify the RGPP coordinator in addition to notification levels addressed in CY-AA-170-1000.

Units are picoCuries per liter (pCi/L)