

Appendix B
Sampling and Analysis Plan Table

Plan Table Number: INEEL-10747-38

SAP Number: EXT-2000-00029

Sampler: Gilbert, H. K.

Date: 09/07/2001

Plan Table Revision: 2.0

Project: WAG 7 GROUNDWATER MONITORING - SEPTEMBER 2001

Project Manager: SMITH, D. M.

SMO Contact: MCGRIFF, T. W.

Sample Description					Planned Date	Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method		Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										LM	N2	RH	RI	U7	VF	VG													
RISL80	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M1S	MONITORING WELL	638	1	1	1	1	1															
RISL81	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M3S	MONITORING WELL	632.8	1	1	1	1	1	1														
RISL82	REG/QC	GROUND WATER	DUP		09/17/2001	RWMC	M4D	MONITORING WELL	828	2	2	2	2	2	2														
RISL83	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M6S	MONITORING WELL	668	1	1	1	1	1															
RISL84	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M7S	MONITORING WELL	628	1	1	1	1	1															
RISL85	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M11S	MONITORING WELL	624	1	1	1	1	1															
RISL86	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M12S	MONITORING WELL	588	1	1	1	1	1															
RISL87	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M13S	MONITORING WELL	643.1	1	1	1	1	1															
RISL88	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M14S	MONITORING WELL	634.6	1	1	1	1	1															
RISL89	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M15S	MONITORING WELL	620	1	1	1	1	1															
RISL90	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M16S	MONITORING WELL	613	1	1	1	1	1															
RISL91	REG	GROUND WATER	GRAB		09/17/2001	RWMC	M17S	MONITORING WELL	628.5	1	1	1	1	1															
RISL92	REG	GROUND WATER	GRAB		09/17/2001	RWMC	USGS MON-A-127	MONITORING WELL	596	1	1	1	1	1															
RISL93	REG	GROUND WATER	GRAB		09/17/2001	RWMC	A11A31	MONITORING WELL	644.8	1	1	1	1	1															
RISL94	REG	GROUND WATER	GRAB		09/17/2001	RWMC	OW-2	MONITORING WELL	675	1	1	1	1	1															
RISL95	QC	GROUND WATER	PES		09/17/2001	RWMC	M8P	MONITORING WELL	N/A			1																	
RISL96	QC	GROUND WATER	PES		09/17/2001	RWMC	M8P	MONITORING WELL	N/A	1	1																		

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Total Metals (CLP TAL)

AT2: Nitrate/Nitrite

AT3: Radiochemistry - Suite 1

AT4: Iodine-129

AT5: Tc-99/C-14/Tritium

AT6: VOCs by GC/MS (8260A) - MS/MSD

AT7: VOCs by GC/MS (8260A)

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

The laboratory will use a 25 mL sample aliquot for the analysis of VOCs by method 8260.

Analysis Suites:

Radiochemistry - Suite 1 includes: Cl-36, Am-241, Gross Alpha, Gross Beta, Np-237, Gamma Spec, Pu-Iso, U-Iso, Sr-90

Contingencies:

If Gross Beta >5 pCi/L or > analysis detection limit perform Sr-90

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										LM	N2	RH	RI	U7	VF	VG													
RISL97	QC	GROUND WATER	FBLK		09/17/2001	RWMC	QC	FIELD BLANK	N/A	1		1	1	1		1													
RISL98	QC	GROUND WATER	TBLK		09/17/2001	RWMC	QC	TRIP BLANK	N/A							1													
RISL99	QC	GROUND WATER	PEBL		09/17/2001	RWMC	QC	P. E. BLANK	N/A	1		1	1	1		1													
RISM00	QC	GROUND WATER	RNST		09/17/2001	RWMC	QC	RINSATE	N/A	1		1	1	1		1													

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- AT4: Iodine-129
- AT5: Tc-99/C-14/Tritium
- AT6: VOCs by GC/MS (8260A) - MS/MSD
- AT7: VOCs by GC/MS (8260A)
- AT8: _____
- AT9: _____
- AT10: _____

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- AT13: _____
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