Appendix B

Sampling and Analysis Plan Tables

Appendix B

Sampling and Analysis Plan Tables

(See attached CD-Rom)

Plan Table Number: TAN_PDO-8/01

SAP Number: INEEL/EXT-2000-00925

Date: 08/13/2001 Plan Table Revision: 5.0 Project: TAN ISB PRE-DESIGN OPERATIONS - QUARTERLY 8/01 Project Manager: NELSON,L O. SMO Contact: KIRCHNER,D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	R4	MB	1N	RB	LM	R8	VA	VE						
1PO153	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TSF-05A	235	1	1	1	2		1	1		1	1	1	1	2							
1PO154	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TSF-05B	269	1	1	1	2		1	1	1	1	1	1	1	2							
1PO155	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-25	NA	1	1	1	2		1	1	6	1	1	1	1	2							
1PO156	REG/QC	GROUND WATER	DUP		08/06/01	TAN	MONITORING WELL	TAN-26	NA	2	2	2	4		1	2		2	2	2	2	4							
1PO157	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-31	NA	1	1	1		2		1	1	1	1	1	1	2							
1PO158	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-D2	NA	1	1	1	2					1			1	2							
1PO159	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-37A	240	1	1	1	2				1	1			1		2						
1PO160	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-37B	379	1	1	1	2				1	1			1	2							
1PO161	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-28	NA	1	1	1	2			1	1	1	1	1	1	2							
1PO162	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-30A	NA	1	1	1	2				1	1			1	2							
1PO163	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-29	NA	1	1	1	2			1	1	1	2	1	1	2							
1PO164	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-10A	NA	1	1	1	2				1	1			1	2							
1PO165	REG	GROUND WATER	GRAB		08/06/01	TAN	MONITORING WELL	TAN-27	NA	1	1	1	2					1			1	2							
1PO166	QC	WATER	FBLK		08/06/01	TAN	FIELD BLANK	QC	NA							1			1	1	1								
1PO167	QC	WATER	TBLK		08/06/01	TAN	TRIP BLANK	QC	NA				3									3							

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Gamma Spec

AT8: Microbiological Analysis

AT9: Propionate/Butyrate/Acetate/Lactate

AT10: Sr-90

AT11: Total Metals (CLP TAL)

AT12: Tritium

AT13: VOCs (TAL)

AT14: VOCs (TAL) - MS/MSD

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests = Analysis Suite #1, alkalinity, COD

VOCs (TCL) = vinyl chloride trichloroethene, tetrachloroethene, cis-1,2-dichloroethene, and trans-1,2-dichloroethene

TOSs - 1320, 1321, 1322, 1323

Split samples will be collected for all locations by VOCs (TCL) and Ethane/Ethene/Methane analyses

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-9/01

SAP Number: INEEL/EXT-2000-00925

Dab: 09/14/2001 Plan Table Revision: 4.0 **Project:** TAN ISB/PRE-DESIGN OPERATIONS- MONTHLY 9/01 Project Manager: NELSON. L. O. SMO Contact: KIRCHNER. D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	€3	R5	MB	1N	R8	VA	VE									
1PO168	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORING WELL	TSF-05A	235	1	1	1	1		1		1	1	1										
1PO169	REG	GRWNDWATER	GRAB		09/03/01	TAN	MONITORINOWELL	TSF-05B	269	1	1	1	1		1		1	1	1										
1PO170	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORING WELL	TAN-25	NA	1	1	1	1		1	4	1	1	1										
1PO171	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORINGWELL	TAN-26	NA	1	1	1	1		1		1	1	1										
									NA																				
1PO173	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORINOWELL	TAN-02	NA	1	1	1	1				1	1	1										
1PO174	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORINGWELL	TAN-37A	240	1	1	1	1			1	1	1		1									
1PO175	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORING WELL	TAN-37B	379	1	1	1	1			1	1	1	1										
1PO176	REG	GRCUNDWATER	GRAB		09/03/01	TAN	MONITORING WELL	TAN-28	NA	1	1	1	1			1	1	1	1										
1PO177	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORINGWELL	TAN-30A	NA	1	1	1	1			1	1	1	1										
1PO178	REG/QC	GROUNDWATER	DUP		09/03/01	TAN	MONITORINGWELL	TAN-29	NA	2	2	2	2			1	2	2	2										
1PO179	REG	GROUNDWATER	GRAB		09/03/01	TAN	MONITORINGWELL	TAN-10A	MA	1	1	1	1			1	1	1	1										
1PO181	QC	WATER	FBLK		09/03/01	TAN	FIELD BUNK	QC	NA									1	1										
1PO182	QC	WATER	TBLK		09/03/01	TAN	TRIP BLANK	QC	NA				2						2										

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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
ATE Gamma Screen
AT7: Microbiological Analysis
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD
AT12:
AT13:
AT14:
AT15
AT16:
AT17
AT18:
AT19:
AT20:

Comments:
Field Tests = Analysis Suite #1, alkalinity, COD

VOC (TCL) = vinyl chloride, trichloroethene, tetrachloroethene, cis-1,2-dichloroethene, and trans-1,2-dichloroethene

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-10/01

SAP Number: INEEL-EXT-2000-00925

Date: 10/01/2001 Plan Table Revision: 1.0 Project: TAN ISB - PRE-DESIGN OPERATIONS. 10/01 MONTHLY Project Manager: NELSON, L.O. SMO Contact: KIRCHNER, D.R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
TPD001	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORINGWELL	TSF-05A (71)	235	1	1	1		1	1		1	1	1										
TPD002	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORINGWELL	TSF-05B (71)	275	1	1	1	1		1		1	1		1									
TPD003	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORINGWELL	TAN-25 (1117)	218	1	1	1	1		1	4	1	1	1										
TPD004	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	1		1		1	1	1										
TPD005	REG/QC	GROUNDWATER	DUP		10/08/01	TAN	MONITORINGWELL	TAN-27 (1009)	235	2	2	2	2				2	2	2										
TPD006	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-211 (1008)	242	1	1	1	1			1	1	1	1										
TPD007	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORINGWELL	TAN-29 (1010)	253	1	1	1	1			1	1	1	1										
TPD008	REG	GROUNDWATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	1			1	1	1	1										
TPD009	REG	GROUND WATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1		1	1	1	1	1										
TPD010	REG	GROUND WATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	1			1	1	1	1										
TPD011	REG	GROUND WATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	1			1	1	1	1										
TPD012	REG	GROUND WATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	1				1	1	1										
TPD013	REG	GROUND WATER	GRAB		10/08/01	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	1				1	1	1										
TPD014	QC	WATER	FBLK		10/08/01	TAN	FIELD BLANK	QC	NA									1											
TPD015	QC	WATER	TBLK		10/08/01	TAN	TRIP BLANK	QC	NA				3						3										

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Microbiological Analysis

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16:

AT17

AT18:

AT19

AT20

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

TAN-25 microbiological samples are for an LDRD project at IRC

The other microbiological samples are for a DNA LDRD project at University of CA at Berkeley

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-11/01

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 11/01/2001 Plan Table Revision: 2.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 11/01 ANNUAL Project Manager: NELSON. L O. SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	R5	R4	GA	MB	1N	RB	LM	R8	VA	VE						
TPD101	REG	GROUND WATER	GRAB		11/05/01	TAN		TSF-05A (71)	235	1	1	1	2		1	1	1		1	1	1	1	2						
TPD102	REG	GRWNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TSF-05B (71)	275	1	1	1	2		1	1	1		1	1	1	1		2					
TPD103	REG/QC	GRWNDWATER	DUP		11/05/01	TAN	MONITORINGWELL	TAN-25 (1117)	218	2	2	2	4		2	2	2	8	2	2	2	2	1						
TPD104	REG	GROUNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	2		1	1	1		1	1	1	1	2						
TPD105	REG	GROUNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-27 (1009)	235	1	1	1	2						1			1	2						
TPD106	REG	GROUNDWATER	GRAB		11/05/01	TAW	MONITORINGWELL	TAN-28 (1008)	242	1	1	1		2		1	1	1	1	1	1	1	2						
TPD107	REG	GRWNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	2			4	1	1	1	1	1	1	2						
TPD108	REG	GROUNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	2					1	1			1	2						
TPD109	REG	GRWNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	2		1	1	1	1	1	1	1	1	2						
TPD110	REG	GROUNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-37A (1183)	235	1	1	1	2					1	1			1	2						
TPD111	REG	GROUNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	2					1	1			1	2						
TPD112	REG	GROUNDWATER	GRAB		11/05/01	TAN	MONITORINGWELL	TAN-10A (348)	233	1	1	1	2					1	1			1	2						
TPD113	REG	GRWNDWATER	GRAB		11/05/01	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	2						1			1	2						
TPD114	QC	WATER	FBLK		11/05/01	TAN	FIELD BLANK	QC	NA				2				1			1	1	1	2						
TPD115	QC	WATER	TBLK		11/05/01	TAN	TRIP BLANK	QC	NA				4										4						

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: Alkalinity

AT2: Analysis Suite #1

AT3 Chemical Oxygen Demand

AT4 Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Gamma Spec

AT8: Gross Alpha

AT9: Microbiological Analysis

AT10 Propionate/Butyrate/Acetate/Lactate

AT11: Sr-90

AT12: Total Metals (CLP TAL)

AT13 Tritium

AT14: VOCs (TAL)

AT15: VOCs (TAL) - MS/MSD

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

One TAN-25 microbiological sample is for an LDRD project at IRC

The other microbiological samples are for a DNA LDRD project at University of CA at Berkeley

Analysis Suites:

Analysis Suite #1: Ammonia Nitrogen, Phosphate, Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: PDO-TAN-37B

SAP Number: INEEL/EXT-2000-00925

Date: 11/15/2001 Plan Table Revision: 0.0 Project: TAN ISB PRE-DESIGN OPERATIONS INTERIM SAMPLING Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	E3	1N	VE														
37B101	REG/QC	GROUND WATER	DUP		11/19/01	TAN	MONITORING WELL	TAN-37B (1163)	275	2	2	2	2	2	2														
37B102	QC	WATER	FBLK		11/19/01	TAN	FIELD BLANK	QC	NA				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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane - MS/MSD

AT5: Propionate/Butyrate/Acetate/Lactate

AT6: VOCs (TAL) - MS/MSD

AT7:

AT8:

AT9:

AT10

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, Alkalinity, and Chemical Oxygen Demand

IPC - Propionate/Butyrate/Acetate/Lactate, VOCs (TAL), and Ethane/Ethene/Methane

Analysis Suites:

Analysis Suite #1: Ammonia Nitrogen, Phosphate, Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-12/01

SAP Number: INEEL-EXT-2000-00925

Sampler: Card, R. E.

Date: 09/11/2001 Plan Table Ravish: 0.0 Project: TAN ISB - PRE-DESIGN OPERATIONS. 12/01 MONTHLY Project Manager: NELSON. L O. SMO Contact: KIRCHNER.D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	C d Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
TPD201	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TSF-05A (75)	235	1	1	1	1		1		1	1	1										
TPD202	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TSF-05B (75)	275	1	1	1	1	1	1		1	1	1										
TPD203	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TAN-25 (1117)	218	1	1	1	1		1	4	1	1	1										
TPD204	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORING WELL	TAN-26 (1118)	369	1	1	1	1		1		1	1	1										
TPD205	REG/QC	GROUND WATER	DUP		12/03/01	TAN	MONITORING WELL	TAN-27 (1009)	235	2	2	2	2				2	2	2										
TPD206	REG	GROUND WATER	GRAB		12/03/01	TAN	MONITORINGWELL	TAN-28 (1008)	242	1	1	1	1			1	1	1	1										
TPD207	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TAN-29 (1010)	253	1	1	1	1			1	1	1	1										
TPD208	REG	QROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TAN-30A (1012)	313	1	1	1	1			1	1	1	1										
TPD209	REG	GROUNDWATER	QRAB		12/03/01	TAN	MONITORING WELL	TAN-31(1219)	258	1	1	1	1		1	1	1	1	1										
TPD210	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	1			1	1	1		1									
TPD211	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TAN-37B (1163)	275	1	1	1	1				1	1	1										
TPD212	REG	GRWNOWATER	GRAB		12/03/01	TAN	MONITORINOWELL	TAN-37C (1183)	375	1	1	1	1			1	1	1	1										
TPD213	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORINGWELL	TAN-10A (348)	233	1	1	1	1				1	1	1										
TPD214	REG	GROUNDWATER	GRAB		12/03/01	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	1				1	1	1										
TPD215	QC	WATER	FBLK		12/03/01	TAN	FIELD BLANK	QC	NA									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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Microbiological Analysis
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)
AT11: VOCs (TAL) - MS/MSD
AT12:
AT13:
AT14:
AT15
AT16:
AT17
AT16
AT19
AT20:

Comments:
Field Tests - Analysis Suite #1, alkalinity, COD

One TAN-25 microbiological samples are for an LDRD project at IRC
The other microbiological samples are for a DNA LDRD project at Univerisity of CA at Berkeley

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-12/01

SAP Number: INEEL-EXT-2000-00925

Date: 09/11/2001 Plan Table Revision: 0.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 12/01 MONTHLY Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
TPD216	QC	WATER	TBLK		12/03/01	TAN	TRIP BLANK	QC	NA				3						3										

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Microbiological Analysis

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

One TAN-25 microbiological samples are for an LDRD project at IRC

The other microbiological samples are for a DNA LDRD project at Univerisity of CA at Berkeley

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-1/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 09/11/2001 Plan Table Revision: 0.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 1/02 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D.R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
TPD301	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1	1		1		1	1	1										
TPD302	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TSF-05B (71)	275	1	1	1	1		1		1	1	1										
TPD303	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	1		1	4	1	1	1										
TPD304	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	1		1		1	1	1										
TPD305	REG/QC	GROUND WATER	DUP		01/07/02	TAN	MONITORING WELL	TAN-27 (1009)	235	2	2	2		2			2	2	2										
TPD306	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1	1	1			1	1	1	1										
TPD307	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	1			1	1	1	1										
TPD308	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	1			1	1	1	1										
TPD309	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1		1	1	1	1	1										
TPD310	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	1			1	1	1		1									
TPD311	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1	1				1	1	1										
TPD312	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	1			1	1	1	1										
TPD313	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	1			1	1	1	1										
TPD314	REG	GROUND WATER	GRAB		01/07/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	1				1	1	1										
TPD315	QC	WATER	FBLK		01/07/02	TAN	FIELD BLANK	QC	NA									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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Microbiological Analysis
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)
AT11: VOCs (TAL) - MS/MSD
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

One TAN-25 microbiological sample is for an LDRD project at IRC

The other microbiological samples are for a DNA LDRD project at University of CA at Berkeley

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-1/02

SAP Number: INEEL-EXT-2000-00925

Date: 09/11/2001 Plan Table Revision: 0.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 1/02 MONTHLY Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE										
TPD316	QC	WATER	TBLK		01/07/02	TAN	TRIP BLANK	QC	NA				3						3											

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Microbiological Analysis

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

One TAN-25 microbiological sample is for an LDRD project at IRC

The other microbiological samples are for a DNA LDRD project at University of CA at Berkeley

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-2/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 01/31/2002 Plan Table Revision: 2.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 2/02 QUARTERLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	R4	MB	1N	RB	LM	R8	VA	VE						
TPD401	REQ	GROUNDWATER	GRAB		02/04/02	TAN	MONITORINGWELL	TSF-05A (71)	235	1	1	1	2		1	1		1	1	1	1	2							
TPD402	REG	GROUNDWATER	GRAB		02/04/02	TAN	MONITORING WELL	TSF-05B (71)	275	1	1	1	2		1	1		1	1	1	1	2							
TPD403	REG	GRWNDWATER	GRAB		02/04/02	TAN	MONITORINGWELL	TAN-25 (1117)	218	1	1	1	2		1	1	4	1	1	1	1	2							
TPD404	REG	GROUNDWATER	QRAB		02/04/02	TAN	MONITORINGWELL	TAN-28(1118)	389	1	1	1	2		1	1		1	1	1	1	2							
TPD405	REG	GROUNDWATER	GRAB		02/04/02	TAN	MONITORING WELL	TAN-27 (1009)	235	1	1	1		2				1			1	2							
TPD406	REG	GROUND WATER	GRAB		02/04/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1	1	2			1	1	1	1	1	1	2							
TPD407	REG	GROUNDWATER	GRAB		02/04/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	2			1	1	1	1	1	1	2							
TPD408	REG	GROUNDWATER	GRAB		02/04/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	2				1	1			1	2							
TPD409	REG/QC	GROUNDWATER	DUP		02/04/02	TAN	MONITORINOWELL	TAN-31 (1219)	258	2	2	2	4		1	2	1	2	2	2	2	4							
TPD410	REG	QROUNDWATER	GRAB		02/04/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	2				1	1			1		2						
TPD411	REG	GROUND WATER	GRAB		02/04/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1	1					1	1	1	1								
TPD412	REG	GROUNDWATER	GRAB		02/04/02	TAN	MONITORINGWELL	TAN-37C (1163)	375	1	1	1	2				1	1			1	2							
TPD413	REG	GROUNDWATER	GRAB		02/04/02	TAN	MONITORINGWELL	TAN-10A (348)	233	1	1	1	2				1	1			1	2							
TPD414	REG	GROUNDWATER	QRAB		02/04/02	TAN	MONITORINGWELL	TAN-D2(339)	241	1	1	1	2					1			1	2							
TPD415	QC	WATER	FBLK		02/04/02	TAN	FIELDBLANK	QC	NA				2						1	1	1	2							

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Gamma Spec

AT8: Microbiological Analysis

AT9: Propionate/Butyrate/Acetate/Lactate

AT10: Sr-90

AT11: Total Metals (CLP TAL)

AT12: Tritium

AT13: VOCs (TAL)

AT14: VOCs (TAL) - MS/MSD

AT15:

AT16:

AT17:

AT18:

AT19:

AT20

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

One TAN-25 microbiological sample is for a DNA LDRD project at University of CA at Berkeley

The other microbiological samples are for an LDRD project at IRC

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-2/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 01/31/2002 Plan Table Revision: 2.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 2/02 QUARTERLY Project Manager: NELSON, L.O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	R5	R4	MB	1N	RB	LM	R8	VA	VE						
TPD416	QC	WATER	TBLK		02/04/02	TAN	TRIP BLANK	QC	NA				4									4							
TPD417	QC	GROUND WATER	PES		02/04/02	TAN	MONITORING WELL	TAN	NA													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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Gamma Spec
AT8: Microbiological Analysis
AT9: Propionate/Butyrate/Acetate/Lactate
AT10: Sr-90
AT11: Total Metals (CLP TAL)
AT12: Tritium
AT13: VOCs (TAL)
AT14: VOCs (TAL) - MS/MSD
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Field Tests - Analysis Suite #1, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

One TAN-25 microbiological sample is for a DNA LDRD project at University of CA at Berkeley
The other microbiological samples are for an LDRD project at IRC

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-3/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 02/28/2002 Plan Table Revision: 2.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 3/02 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE										
TPD501	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1	1		1		1	1	1											
TPD502	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TSF-05B (71)	275	1	1	1	1		1		1	1	1											
TPD503	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	1		1	3	1	1	1											
TPD504	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	1		1		1	1	1											
TPD505	REG/QC	GROUND WATER	DUP		03/04/02	TAN	MONITORING WELL	TAN-27 (1009)	235	2	2	2	2				2	2	2											
TPD506	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1	1	1				1	1	1											
TPD507	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	1				1	1	1											
TPD508	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1		1			1	1	1											
TPD509	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1		1		1	1	1											
TPD510	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	1				1	1		1										
TPD511	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	1				1	1	1											
TPD512	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	1				1	1	1											
TPD513	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	1				1	1	1											
TPD514	QC	WATER	FBLK		03/04/02	TAN	FIELD BLANK	QC	NA				1					1	1											
TPD515	QC	WATER	TBLK		03/04/02	TAN	TRIP BLANK	QC	NA				3						3											

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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Microbiological Analysis
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)
AT11: VOCs (TAL) - MS/MSD
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-3/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 02/28/2002 Plan Table Revision: 20 Project: TAN ISB - PRE-DESIGN OPERATIONS - 3/02 MONTHLY Project Manager: NELSON. 1.0. SMO Contact: KIRCHNER.D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
TPD516	REG	GROUND WATER	GRAB		03/04/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1	1				1	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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Microbiological Analysis
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD
AT12:
AT13
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_ISB-ELECTRO

SAP Number: INEEL/EXT-2000-00925

Date: 03/14/2002 Plan Table Revision: 0.0 Project: TAN ISB ALTERNATE ELECTRON DONOR ANALYZE Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	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
										C0	C1																		
ELE100	REG	OTHER	GRAB		03/18/2002	TAN	LABORATORY	LABORATORY	NA	1																			
ELE101	REG	OTHER	GRAB		03/18/2002	TAN	LABORATORY	LABORATORY	NA		1																		
ELE102	REG	OTHER	GRAB		03/18/2002	TAN	LABORATORY	LABORATORY	NA	1																			
ELE103	REG/QC	OTHER	DUP		03/18/2002	TAN	LABORATORY	LABORATORY	NA		2																		

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: CLP Metals - Filtered

AT2: CLP Metals

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

matrix - ELE100 and ELE101 = whey in water

ELE102 and ELE103 = sodium dipropionate in water

CLP Metals = unfiltered

Analysis Suites:

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Pan Table Number: TAN_PDO-4/02-1

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 03/29/2002 Plan Table Revision: 4.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 4/02-1 MONTHLY Project Manager: NELSON. L O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coli Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE										
TPD601	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1	1		1		1	1	1											
TPD602	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TSFOSB (71)	275	1	1	1	1		1		1	1	1											
TPD603	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1		1	1	3	1	1	1											
TPD604	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	1		1		1	1	1											
TPD605	REG/QC	GROUNDWATER	DUP		04/01/02	TAN	MONITORINGWELL	TAN-27 (1009)	235	2	2	2	2				2	2	2											
TPD606	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1	1	1				1	1	1											
TPD607	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	1				1	1	1											
TPD609	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1		1		1	1	1											
TPD611	REG	GROUND WATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1	1				1	1	1											
TPD612	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	1		1		1	1	1											
TPD613	REG	GROUNDWATER	GRAB		04/01/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	1				1	1	1											
TPD614	REG	GRWNDWATER	GRAB		04/01/02	TAN	MONITORINGWELL	TAN-D2 (339)	241	1	1	1	1				1	1	1											
TPD615	QC	WATER	FBLK		04/01/02	TAN	FIELD BUNK	QC	NA				1					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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Microbiological Analysis
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)
AT11: VOCs (TAL) - MS/MSD
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

TAN-29, Analysis Suite #1 - collect double volume for Hach Standard

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-4/02-1

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 03/29/2002 Plan Table Revision: 4.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 4/02-1 MONTHLY Project Manager NELSON, L. O. SMO Contact: KIRCHNER, G.R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
TPD616	QC	WATER	TBLK		04/01/02	TAN	TRIP BLANK	QC	NA				3						3										

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Microbiological Analysis

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

TAN-29, Analysis Suite #1 - collect double volume for Hach Standard

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: PDO-INTERIM

SAP Number: INEEL/EXT-2000-00925

Date: 03/29/2002 Plan Table Revision: 1.0 Project: TAN ISB PRE-DESIGN OPERATIONS INTERIM SAMPLING - APRIL 2002 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	1N	VA	VE												
37A000	REG	GROUND WATER	GRAB		04/17/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	1		1	1													
37A001	REG	GROUND WATER	GRAB		04/17/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1		1	1		1												
37A002	REG/QC	GROUND WATER	DUP		04/17/02	TAN	MONITORING WELL	TAN-37C (1163)	375	2	2	2	2		2	2													
37A003	QC	WATER	FBLK		04/17/02	TAN	FIELD BLANK	QC	NA				1			1													
37A004	QC	WATER	TBLK		04/17/02	TAN	TRIP BLANK	QC	NA				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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Propionate/Butyrate/Acetate/Lactate

AT7: VOCs (TAL)

AT8: VOCs (TAL) - MS/MSD

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, Alkalinity, and Chemical Oxygen Demand

TAN-37A, Analysis Suite #1 - collect double volume for Hach Standard

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-4/02-2

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 04/12/2002 Plan Table Revision: 4.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 4/02-2 QUARTERLY AND BIANN Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	R4	MB	1N	RB	XX	R8	VA	VE						
PD5001	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1	2		1	1		1	1	1	1	2							
PD5002	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TSF-05B (71)	275	1	1	1	2		1	1		1	1	1	1	2							
PD5003	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	2		1	1	3	1	1	1	1	2							
PD5004	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	2		1	1		1	1	1	1	2							
PD5005	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-27 (1009)	235	1	1	1	2					1			1	2							
PD5006	REG/QC	GROUND WATER	DUP		04/29/02	TAN	MONITORING WELL	TAN-28 (1008)	242	2	2	2	4			2		2	2	2	2	4							
PD5007	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	2			1		1	1	1	1	2							
PD5008	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	2					1			1	2							
PD5009	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-31(1219)	258	1	1	1	2		1	1		1	1	1	1	2							
PD5010	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1		2				1			1	2							
PD5011	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1	2					1			1	2							
PD5012	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	2					1			1	2							
PD5013	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	2					1			1	2							
PD5014	REG	GROUND WATER	GRAB		04/29/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	2					1			1		2						
PD5015	QC	WATER	FBLK		04/29/02	TAN	FIELD BLANK	QC	NA				2			1			1	1	1	2							

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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Gamma Screen
AT7: Gamma Spec
AT8: Microbiological Analysis
AT9: Propionate/Butyrate/Acetate/Lactate
AT10: Sr-90
AT11: Total Metals - Filtered
AT12: Tritium
AT13: VOCs (TAL)
AT14: VOCs (TAL) - MS/MSD
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Field Tests - Analysis Suite #7, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

The TAN-25 microbiological samples are for an LDRD project at IRC

TAN-30A, Analysis Suite #1 - collect double volume for Hach Standard

TAN-28, Analysis Suite #1 - collect double volume for Hach Standard

Analysis Suites:

Analysis Suite #1: Ammonia Nitrogen, Phosphate, Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-4/02-2

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 04/12/2002 Plan Table Revision: 4.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 4/02-2 QUARTERLY AND BIANN Project Manager: NELSON, L. O.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	R4	MB	1N	RB	XX	R8	VA	VE						
PD5016	QC	WATER	TBLK		04/29/02	TAN	TRIP BLANK	QC	NA				4									4							
PD5017	QC	GROUND WATER	PES		04/29/02	TAN	MONITORING WELL	TAN	240													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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Gamma Spec

AT8: Microbiological Analysis

AT9: Propionate/Butyrate/Acetate/Lactate

AT10: Sr-90

AT11: Total Metals - Filtered

AT12: Tritium

AT13: VOCs (TAL)

AT14: VOCs (TAL) - MS/MSD

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #7, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

The TAN-25 microbiological samples are for an LDRD project at IRC

TAN-30A, Analysis Suite #1 - collect double volume for Hach Standard

TAN-28, Analysis Suite #1 - collect double volume for Hach Standard

Analysis Suites:

Analysis Suite #1: Ammonia Nitrogen, Phosphate, Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN-25_INTERIM

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 05/07/2002 Plan Table Revision: 1.0 Project: TAN-25 INTERIMSAMPLING Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										MB																			
T25003	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25004	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25005	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25006	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25007	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25008	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25009	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25010	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
T25011	REG	GROUND WATER	GRAB		05/08/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Microbiological Analysis

AT2:

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TAN_PDO-6/02-1

SAP Number: INEEL-EXT-2000-00925

Date: 05/22/2002 Plan Table Revision: 3.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 6/02-1 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	9A	C5	EG	E3	F6	R5	MB	1N	R8	VA	VE							
PD6001	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1		1		1		1		1	1	1								
PD6002	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TSF-05B (71)	275	1	1		1	1			1		1	1		1							
PD6003	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	1	1			1	3	1	1	1								
PD6004	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1		1	1			1		1	1	1								
PD6005	REG/QC	GROUND WATER	DUP		06/03/02	TAN	MONITORING WELL	TAN-27 (1009)	235	2	2		2	2					2	2	2								
PD6006	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1		1	1					1	1	1								
PD6007	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1		1	1					1	1	1								
PD6008	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1		1	1					1	1	1								
PD6009	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1	1			1		1	1	1								
PD6010	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1		1	1					1	1	1								
PD6011	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1		1	1					1	1	1								
PD6012	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1		1	1					1	1	1								
PD6013	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1		1	1		1			1	1	1								
PD6014	REG	GROUND WATER	GRAB		06/03/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1		1	1					1	1	1								
PD6015	QC	WATER	FBLK		06/03/02	TAN	FIELD BLANK	QC	NA					1						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: Alkalinity

AR2: Analysis Suite #1

AT3: Analysis Suite #2

AT4: Chemical Oxygen Demand

AT5: Ethane/Ethene/Methane

AT6: Ethane/Ethene/Methane - MS/MSD

AT7: Field Standard Addition - QC

AT8: Gamma Screen

AT9: Microbiological Analysis

AT10: Propionate/Butyrate/Acetate/Lactate

AT11: Tritium

AT12: VOCs (TAL)

AT13: VOCs (TAL) - MS/MSD

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

Am)9:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Analysis Suite #2: Bromide, Iodide

Contingencies:

Plan Table Number: TAN_PDO-6/02-1

SAP Number: INEEL-EXT-2000-00925

Date: 05/22/2002 Plan Table Revision: 3.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 6/02-1 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT2
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	9A	C5	EG	E3	F8	R5	MB	1N	R8	VA	VE							
PD6016	QC	WATER	TBLK		06/03/02	TAN	TRIP BLANK	QC	NA					3							3								

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: Alkalinity
A*: Analysis Suite #1
AT3 Analysis Suite #2
AT4: Chemical Oxygen Demand
AT5: Ethane/Ethene/Methane
Am: Ethane/Ethene/Methane - MS/MSD
AT7: Field Standard Addition - QC
AT8: Gamma Screen
AT9: Microbiological Analysis
AT10: Propionate/Butyrate/Acetate/Lactate

AT11: Tritium
AT12: VOCs (TAL)
AT13: VOCs (TAL) - MS/MSD
AT14:
AT15:
AT16:
AT17:
AT18:
AT19
AT20:

Comments:
Field Tests - Analysis Suite #1, alkalinity, COD
The TAN-25 microbiological samples are for an LDRD project at IRC
Field Standard Addition - QC = sulfate

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)
Analysis Suite #2: Bromide, Iodide

Contingencies:

Sample Description						sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	M8	1N	R8	VA	VE									
PD4016	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORINGWELL	TSF-05A (71)	235	1	1	1	1		1		1	1	1										
PD4017	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORINGWELL	TSF-05B (71)	275	1	1	1	1		1		1	1	1										
PD4018	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1		1	1	3	1	1	1										
PD4019	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	1		1		1	1	1										
PD4020	REG/QC	GROUNDWATER	DUP		06/24/02	TAN	MONITORING WELL	TAN-27 (1009)	235	2	2	2	2				2	2	2										
PD4021	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1	1	1				1	1	1										
PD4022	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	1				1	1	1										
PD4023	REG	GRWNDWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	1				1	1	1										
PD4024	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORINGWELL	TAN-31 (1219)	258	1	1	1	1		1		1	1	1										
PD4025	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORINGWELL	TAN-37A (1163)	235	1	1	1	1				1	1		1									
PD4026	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORINGWELL	TAN-37B (1163)	275	1	1	1	1				1	1	1										
PD4027	REG	GRWNOWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	1		1		1	1	1										
PD4028	REG	GRWNDWATER	GRAB		06/24/02	TAN	MONITORINGWELL	TAN-10A (348)	233	1	1	1	1				1	1	1										
PD4029	REG	GROUNDWATER	GRAB		06/24/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	1				1	1	1										
PD4030	QC	WATER	FBLK		06/24/02	TAN	FIELD BLANK	QC	NA				1					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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Microbiological Analysis

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for on LDRDproject at IRC

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-6/02-2

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 03/04/2002 Plan Table Revision: 1.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 6/02-2 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	R5	MB	1N	R8	VA	VE									
PD4031	QC	WATER	TBLK		06/24/02	TAN	TRIP BLANK	QC	NA				3						3										

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Gamma Screen

AT7: Microbiological Analysis

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Tabb Number: TAN_PDO-7/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 06/19/2002 Plan Table Revision: 3.0 Project: TAN ISB -PRE-DESIGN OPERATIONS - 7X12 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT3	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AI	3A	9A	C5	EG	E3	F6	R5	ME	1N	R8	VA	VE							
PD7001	REG	GRWNDWATER	GRAB		07/22/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1		1	1			1		1	1	1								
PD7002	REG/QC	GROUND WATER	DUP		07/22/02	TAN	MONITORING WELL	TSF-05B (71)	275	2	2		2	2			1		2	2	2								
PD7003	REG	GRWNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-25 (1117)	218	1	1	1	1	1			1	2	1	1	1								
PD7004	REG	GRWNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-26 (1118)	389	1	1		1	1			1		1	1	1								
PD7005	REG	GROUNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-27 (1009)	235	1	1		1		1				1	1	1								
PD7006	REG	GRWNDWATER	GRAB		07/22/02	TAN	MONITORINOWELL	TAN-28 (1008)	242	1	1		1	1															
PD7007	REG	GROUNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-29 (1010)	253	1	1		1	1					1	1	1								
PD7008	REG	GRWNDWATER	GRAB		07/22/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1		1	1					1	1	1								
PD7009	REG	GROUNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-31 (1219)	258	1	1	1	1	1			1		1	1	1								
Po7010	REG	GROUNDWATER	GRAB		07/22/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1		1	1					1	1		1							
PD7011	REG	GROUND WATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-37B (1163)	275	1	1		1	1					1	1	1								
PD7012	REG	GROUND WATER	GRAB		07/22/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1		1	1					1	1	1								
PD7013	REG	GROUNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-10A (348)	233	1	1		1	1		1			1	1	1								
PD7014	REG	GROUNDWATER	GRAB		07/22/02	TAN	MONITORINGWELL	TAN-D2 (339)	241	1	1		1	1					1	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: Alkalinity
AT2: Analysis Suite #1
AT3: Analysis Suite #2
AT4 Chemical Oxygen Demand
AT5: Ethane/Ethene/Methane
AT6 Ethane/Ethene/Methane - MS/MSD
AT7: Field Standard Addition - QC
AT8: Gamma Screen
AT9: Microbiological Analysis
AT10: Propionate/Butyrate/Acetate/Lactate

AT11: Tritium
AT12: VOCs (TAL)
AT13 VOCs (TAL) - MS/MSD
AT14:
AT15
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Field Tests - Analysis Suite #1, Analysis Suite #2, alkalinity, COD
The TAN-25 microbiological samples are for an LDRD project at IRC
Field Standard Addition - QC = sulfate

Analysis Suites:
Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)
Analysis Suite #2: Bromide, Iodide

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-7/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 06/19/2002 Plan Table Revision: 3.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 7/02 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	9A	C5	EG	E3	F6	R5	MB	1N	R8	VA	VE							
PD7016	QC	WATER	TBLK		07/22/02	TAN	TRIP BLANK	QC	NA					3							3								

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: Alkalinity

AT2: Analysis Suite #1

AT3: Analysis Suite #2

AT4 Chemical Oxygen Demand

AT5: Ethane/Ethene/Methane

AT6: Ethane/Ethene/Methane - MS/MSD

AT7: Field Standard Addition - QC

AT8: Gamma Screen

AT9: Microbiological Analysis

AT10: Propionate/Butyrate/Acetate/Lactate

AT11: Tritium

AT12 VOCs (TAL)

AT13 VOCs (TAL) - MS/MSD

AT14:

AT15:

AT16:

AT17

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, Analysis Suite #2, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Analysis Suite #2: Bromide, Iodide

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1001	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1002	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1003	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1004	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1005	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1006	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2																			
TS1007	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1008	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1009	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1010	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1011	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1012	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1013	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1014	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1015	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1016	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1017	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1018	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1019	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1020	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1021	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1022	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1023	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1024	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1025	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1026	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1027	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2																			
TS1028	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1029	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1030	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, IO. SMO Contact: KIRCHNER.D.R.

Sampler: Carroll, R. E.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1031	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1032	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1033	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1034	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1035	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1036	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1037	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1038	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1039	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1040	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1041	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1042	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1043	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1044	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1045	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT11:

AT12

AT13:

AT14

AT15:

AT16:

AT17:

AT18

AT19:

AT20

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L O. SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1046	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1047	REG/QC	GROUNDWATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2																			
TS1048	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1049	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-2511117)	218	1																			
TS1050	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORINGWELL	TAN-25 (1117)	218	1																			
TS1051	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1052	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1053	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1054	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1055	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1056	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1057	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1058	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1059	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORINGWELL	TAN-25 (1117)	218	1																			
TS1060	REG	GROUNDWATER	GRAB		07 m	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Bromide
AT2: Chemical Oxygen Demand
AT3:
AT4
AT5
AT6:
AT7:
AT8:
AT9:
AT10:
AT11
AT12
AT13
AT14
AT15
AT16
AT17
AT18:
AT19:
AT20:

Comments:
Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1061	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1062	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1063	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1064	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1065	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1066	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2																			
TS1067	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1068	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1069	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1070	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1071	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1072	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1073	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1074	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1075	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1076	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1077	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1078	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1079	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1080	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1081	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1082	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1083	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1084	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1085	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1086	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2																			
TS1087	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1088	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1089	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1090	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4

AT5:

AT6

AT7:

AT8:

AT9:

AT10

AT12

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L O. SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1091	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1092	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1093	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1094	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1095	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1096	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1097	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1098	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1099	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1100	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1101	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1102	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1103	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1104	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1105	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			

— 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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6

AT7:

AT8:

AT9:

AT10:

AT12:

AT13

AT14

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1106	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2																			
TS1107	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1108	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1109	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1110	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1111	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1112	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1113	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1114	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1																			
TS1115	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1116	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1117	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1118	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1119	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1120	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6

AT7:

AT9:

AT10

AT11:

AT12

AT13:

AT14:

AT15

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1121	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1122	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1123	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1124	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1125	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1126	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2																			
TS1127	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1128	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1129	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1130	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1131	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1132	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1133	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1134	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1135	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1W 1478-TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER. D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1136	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1137	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITOORINGWEU	TAN41 (1219)	258	1																			
TS1138	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1139	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORINGWELL	TAN-31 (1219)	258	1																			
TS1140	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1141	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TANS1 (1219)	258	1																			
TS1142	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1143	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1144	REG	GRWNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1145	REG	GRWNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1146	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1147	REG/QC	GRWNDWATER	WP		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2																			
TS1148	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1149	REG	GRCUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TANS1 (1219)	258	1																			
TS1150	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4

AT5:

AT6:

AT7:

AT8:

AT9:

AT11:

AT12:

AT13

AT14:

AT15:

AT16:

AT17

AT16

AT19

AT20

Comments:

Other matrix = tracer injection solution

Analysis suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1151	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1152	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1153	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1154	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1155	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1156	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1157	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1158	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1159	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1160	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1161	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1162	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1163	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1164	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1165	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1166	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1167	REG/QC	GROUND WATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2																			
TS1168	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1169	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1170	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1171	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1172	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1173	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1174	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1175	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1176	WO	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1177	WO	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1178	WO	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1179	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1180	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Ran Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 10 Project: WAG 1OU 1-07B -TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R

						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	7B	C5																		
TS1181	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN41 (1219)	258	1																			
[illegible]		[illegible]	GRAB		07/29/02	TAN	MONITORING WELL	TAN41 (1219)	258	1																			
TS1183	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1184	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1185	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TANS1 (1219)	258	1																			
TS1186	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1187	REG/QC	GROUNDWATER	DUP		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2																			
TS1188	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1189	REG	GROUNDWATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1190	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1191	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1																			
TS1192	REG	GROUND WATER	GRAB		07/29/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1																		
TS1193	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1194	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1195	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	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: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12

AT13

AT14

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

sample						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	T10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1196	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONLINE	ISB INJ TRAILER	NA	1																			
TS1197	REG	OTHER	GRAB		07/29/02	TAN	INJECTION UNE	ISB INJ TRAILER	NA	1																			
TS1198	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1199	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONLINE	IsBINJ TRAILER	NA	1																			
TS1200	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1201	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONLINE	ISB INJ TRAILER	NA	1																			
TS1202	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONLINE	ISB INJ TRAILER	NA	1																			
TS1203	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1204	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONLINE	IsBINJ TRAILER	NA	1																			
TS1205	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1206	REG	OTHER	GRAB		07/29/02	TAN	INJECTION UNE	ISB INJ TRAILER	NA	1																			
TS1207	REG	OTHER	QRAB		07/29/02	TAN	INJECTIONLINE	IS8INJ TRAILER	NA	1																			
TS1208	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONUNE	ISB INJ TRAILER	NA	1																			
TS1209	REG	OTHER	GRAB		07/29/02	TAN	INJECTIONLINE	ISB INJ TRAILER	NA	1																			
TS1210	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			

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AT1: Bromide

AT2 Chemical Oxygen Demand

AT3:

AT4

AT5

AT6

AT7:

AT8:

AT9:

AT10

AT11:

AT12:

AT13

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY1

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 1 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										7B	C5																		
TS1211	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1212	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1213	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1214	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1215	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1216	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1217	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1218	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1219	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1220	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1221	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			
TS1222	REG	OTHER	GRAB		07/29/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA	1																			

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The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Bromide

AT2: Chemical Oxygen Demand

AT3:

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER.D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2001	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2002	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2003	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2004	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2005	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2006	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2007	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2																		
TS2008	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2009	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2010	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2011	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2012	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2013	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2014	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2015	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		

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AT1: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2016	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2017	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2018	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2019	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2020	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2021	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2022	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2023	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2024	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2025	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2026	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2027	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2																		
TS2028	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2029	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2030	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2031	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2032	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2033	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2034	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2035	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2036	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2037	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2038	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2039	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2040	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2041	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2042	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2043	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2044	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2045	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT10	AT19	AT20
										C5	D1	1N																	
TS2046	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2047	REG/QC	GROUNDWATER	WP		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2																		
TS2048	REG	QROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2049	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2050	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2051	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2052	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2053	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2054	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2055	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2056	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2057	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2058	REG	GRWNDWATER	QRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2059	REG	GRWNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2060	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13

AT14

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS2061	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2062	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2063	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2064	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2065	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2066	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2067	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2																		
TS2068	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2069	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2070	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2071	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2072	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2073	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2074	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2075	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON. 1.O. SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2076	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2077	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2078	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2079	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2080	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2081	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2082	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2083	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2084	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2085	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2086	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2087	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2																		
TS2088	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2089	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2090	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4

AT5:

AT6

An:

AT8:

AT9:

AT10:

AT11:

AT12

AT13:

AT14

AT15:

AT16

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS2091	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2092	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2093	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2094	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2095	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2096	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2097	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2098	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2099	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1																		
TS2100	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1																	
TS2101	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2102	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2103	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2104	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2105	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS2106	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2107	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2	2																		
TS2108	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2109	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2110	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2111	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2112	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2113	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2114	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2115	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2116	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2117	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2118	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2119	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2120	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Proplonate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Comments:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS2121	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2122	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2123	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2124	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2125	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2126	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2127	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2	2																		
TS2128	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2129	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2130	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2131	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2132	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2133	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2134	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2135	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coil Type	Sampling Method	Planned Data	Area	Type of Location	Location	Depth (ft)	AT1 C5	AT2 D1	AT3 1N	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
TS2136	REG	GROUNDWATER	GRAB		7/30/02	TAN	MWITORINGWELL	TAN-31 (1219)	258	1	1																		
TS2137	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2138	REG	GRWNDWATER	GRAB		7/30/02	TAN	MONITORINGWELL	TAN-31 (1219)	258	1	1																		
TS2140	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2141	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORINGWELL	TAN41 (1219)	258	1	1																		
TS2143	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN41 (1216)	258	1	1																		
TS2144	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2145	REG	GROUNDWATER	GRAB		7/30	TAN	MONITORINGWELL	TAN41 (1219)	258	1	1																		
TS2146	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2147	REG/QC	GROUNDWATER	DUP		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	2	2																		
TS2148	REG	GROUNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2149	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2150	REG	GROUNDWATER	GRAB		7 m	TAN	MONITORINGWELL	TAN-31 (1219)	258	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2151	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2152	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2153	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2154	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2155	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2156	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2157	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2158	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2159	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2160	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2161	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2162	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2163	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2164	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2165	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		

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AT1: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description										Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2166	REG	GROUND WATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1																		
TS2167	REG/QC	GROUND WATER	DUP		7/30/02	TAN	MONITORINGWELL	TAN-31 (1219)	258	2	2	2																	
TS2168	REG	GRWNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS2169	REG	GRWNDWATER	GRAB		7/30/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1																	
TS2170	REG	OTHER	GRAB		7/30/02	TIN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2171	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2172	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2173	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJTRAILER	NA		1																		
TS2174	REG	OTHER	GRAB		7 m	TAN	INJECTIONLINE	ISB INJ TRAILER	NA		1																		
TS2175	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2176	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJTRAILER	NA		1																		
TS2177																													
TS2178																													
TS2179																													
TS2180																													

The sampling

AT1: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4

AT5:

AT6

AT7:

AT8

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS2181	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2182	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2183	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2184	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2185	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2186	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2187	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2188	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2189	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2190	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2191	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2192	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2193	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2194	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2195	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		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: Chemical Oxygen Demand

A R Iodide

AT3 Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6

AT7:

AT8:

AT9:

AT11:

AT12:

AT13:

AT14:

AT16

AT16

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suites:

Contingencies:

Plan Table Number: TRACER-DAY2

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAY 2 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS2196	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2197	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2198	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		1																		
TS2199	REG	OTHER	GRAB		7/30/02	TAN	INJECTION LINE	ISB INJ TRAILER	NA		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: Chemical Oxygen Demand

AT2: Iodide

AT3: [illegible]

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Other matrix = tracer and lactate injection solution

Analysis Suite:

Contingencies:

Plan Table Number: TRACER_D3-11

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAYS 3 THRU 11 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										C5	D1	1N																	
TS3001	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3002	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3003	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1	1																	
TS3004	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1	1																	
TS3005	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1																	
TS3006	REG/QC	GROUND WATER	DUP		7/31/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2	2																	
TS3007	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1																	
TS3008	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3009	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3010	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1	1																	
TS3011	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1	1																	
TS3012	REG	GROUND WATER	GRAB		7/31/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1																	
TS3013	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3014	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3015	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-37A (1163)	240	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TRACER_D3-11

SAP Number: INEEL/EXT-2000-00925

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAYS 3 THRU 11 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS3016	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3017	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3018	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1																	
TS3019	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1																	
TS3020	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3021	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3022	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3023	REG	GROUND WATER	GRAB		8/1/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3024	REG/QC	GROUND WATER	DUP		8/1/02	TAN	MONITORING WELL	TAN-37C (1163)	375	2	2																		
TS3025	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3026	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3027	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3028	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3029	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-37C (1163	375	1	1																		
TS3030	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	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: Chemical Oxygen Demand

AT2: Iodide

AT5:

AT7:

AT8

AT10:

AT11:

AT12:

AT14:

AT15:

AT16:

AT17

AT18:

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TRACER_D3-11

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 **Plan Table Revision:** 1.0 **Project:** WAG 1 OU 1-07B - TRACER STUDY - DAYS 3 THRU 11 **Project Manager:** NELSON, L.O. **SMO Contact:** KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	I N																	
TS3031	REG	GROUNDWATER	GRAB		8/2/02	TAN	MONITORINGWELL	TAN41 (1219)	258	1	1	1																	
TS3032	REG/QC	GROUND WATER	DUP		8/2/02	TAN	MONITORING WELL	TAN-D2 (33)	241	2	2	2																	
TS3033	REG	GROUNDWATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-26 (1118)	370	1	1	1																	
TS3034	REG	GROUNDWATER	GRAB		8/2/02	TAN	MONITORINGWELL	TAN-37A (1163)	240	1	1																		
TS3035	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3036	REG	GROUND WATER	GRAB		8/2/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3037	REG	GROUND WATER	GRAB		8/5/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3038	R M	GROUNDWATER	GRAB		8/5/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3039	REG	GROUNDWATER	GRAB		8/5/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3040	REG	GROUNDWATER	GRAB		8/5/02	TAN	MONITORINGWELL	TAN-37B (1163)	272	1	1																		
TS3042	REG	GROUNDWATER	GRAB		8/5/02	TAN	MONITORINGWELL	TAN-25 (1117)	218	1	1	1																	
TS3043	REG	GRWNDWATER	GRAB		8/5/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1																	
TS3044	REG	GROUNDWATER	GRAB		8/5/02	TAN	MONITORINGWELL	TAN-D2 (339)	241	1	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TRACER_D3-11

SAP Number: INEEL/EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAYS 3 THRU 11 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS3046	REG/QC	GROUND WATER	DUP		8/5/02	TAN	MONITORING WELL	TAN-37A (1163)	240	2	2																		
TS3047	REG	GROUND WATER	GRAB		8/5/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3048	REG	GROUND WATER	GRAB		8/5/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3049	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3050	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3051	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3052	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3053	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3054	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1																	
TS3055	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1																	
TS3056	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3057	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3058	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3059	REG	GROUND WATER	GRAB		8/6/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3060	REG/QC	GROUND WATER	DUP		8/6/02	TAN	MONITORING WELL	TAN-37C (1163)	375	2	2																		

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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TRACER_D3-11

SAP Number: INEEL/EXT-2000-00925

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAYS 3 THRU 11 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS3061	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3062	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3063	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3064	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3065	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3066	REG/QC	GROUND WATER	DUP		8/7/02	TAN	MONITORING WELL	TAN-25 (1117)	218	2	2	2																	
TS3067	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1																	
TS3068	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3069	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3070	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3071	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3072	REG	GROUND WATER	GRAB		8/7/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3073	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3074	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-26 (1118)	379	1	1	1																	
TS3075	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-37A (1163)	240	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: Chemical Oxygen Demand

AT2: Iodide

AT3: Propionate/Butyrate/Acetate/Lactate

AT4:

AT5:

AT6:

AT7:

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TRACER_D3-11

SAP Number: INEEL/EXT-2000-00925

Date: 07/22/2002 Plan Table Revision: 1.0 Project: WAG 1 OU 1-07B - TRACER STUDY - DAYS 3 THRU 11 Project Manager: NELSON, L. O

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER,D. R

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	C5	D1	1N																	
TS3076	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3077	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		
TS3078	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1																	
TS3079	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1																	
TS3080	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1																	
TS3081	REG/QC	GROUND WATER	DUP		8/8/02	TAN	MONITORING WELL	TAN-26 (1118)	379	2	2	2																	
TS3082	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1																		
TS3083	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1																		
TS3084	REG	GROUND WATER	GRAB		8/8/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1																		

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: Chemical Oxygen Demand

AT2: Iodide

AT3

AT4:

AT5

AT6

AT9:

AT10:

AT12:

AT13

AT14

AT15

AT16

AT17

AT18

AT19:

AT20:

Comments:

Analysis Suites:

Contingencies:

Plan Table Number: TAN_PDO-8/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 07/19/2002 Plan Table Revision: 4.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 8/02 QUARTERLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																					
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	E3	F6	R5	R4	MB	1N	RB	XX	R8	VA	VE					
PD8001	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1		2		1	1		1	1	1	1	2						
PD8002	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TSF-05B (71)	275	1	1	1	2			1	1		1	1	1	1		2					
PD8003	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	2			1	1	2	1	1	1	1	2						
PD8004	REG/QC	GROUND WATER	DUP		08/05/02	TAN	MONITORING WELL	TAN-26 (1118)	389	2	2	2	4			2	2		2	2	2	2	4						
PD8005	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-27 (1009)	235	1	1	1	2						1			1	2						
PD8006	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-28 (1008)	242	1	1	1	2				1		1	1	1	1	2						
PD8007	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	2				1		1	1	1	1	2						
PD8008	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-30A (1012)	313	1	1	1	2						1			1	2						
PD8009	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	2			1	1		1	1	1	1	2						
PD8010	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-37A (1163)	235	1	1	1	2						1			1	2						
PD8011	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-37B (1163)	275	1	1	1	2						1			1	2						
PD8012	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	2						1			1	2						
PD8013	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	2						1			1	2						
PD8014	REG	GROUND WATER	GRAB		08/05/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	2		1				1			1	2						
PD8015	QC	WATER	FBLK		08/05/02	TAN	FIELD BLANK	QC	NA				2				1			1	1	1	2						

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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
ATS: Field Standard Addition - QC
AT7: Gamma Screen
AT8: Gamma Spec
AT9: Microbiological Analysis
AT10: Propionate/Butyrate/Acetate/Lactate

AT11: Sr-90
AT12: Total Metals - Filtered
AT13 Tritium
AT14 VOCs (TAL)
AT15 VOCs (TAL) - MS/MSD
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate and alkalinity

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: TAN_PDO-8/02

SAP Number: INEEL-EXT-2000-00925

Date: 07/19/2002 Plan Table Revision: 4.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 8/02 QUARTERLY Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	F6	R5	R4	MB	1N	RB	XX	R6	VA	VE					
PD8016	QC	WATER	TBLK		08/05/02	TAN	TRIP BLANK	QC	NA				3										3						
PD8017	QC	GROUND WATER	PES		08/05/02	TAN	MONITORING WELL	TAN-2 (123)	240														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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Field Standard Addition - QC

AT7: Gamma Screen

AT8: Gamma Spec

AT9: Microbiological Analysis

AT10: Propionate/Butyrate/Acetate/Lactate

AT11: Sr-90

AT12: Total Metals - Filtered

AT13: Tritium

AT14: VOCs (TAL)

AT15: VOCs (TAL) - MS/MSD

AT16:

AT17

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

Split samples will be collected at all locations for VOCs (TCL) and Ethane/Ethene/Methane analyses

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate and alkalinity

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-9/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 08/30/2002 Plan Table Revision: 3.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 9/02 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	F6	R5	MB	1N	R8	VA	VE								
PD9001	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1		1		1		1	1	1									
PD9002	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TSF-05B (71)	270	1	1	1	1			1		1	1		1								
PD9003	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	1			1	2	1	1	1									
PD9004	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-26 (1118)	389	1	1	1	1			1		1	1	1									
PD9005	REG/QC	GROUND WATER	DUP		09/09/02	TAN	MONITORING WELL	TAN-27 (1009)	235	2	2	2	2					2	2	2									
PD9006	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-28 (1008)	240	1	1	1	1					1	1	1									
PD9007	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	1					1	1	1									
PD9008	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-30A (1012)	310	1	1	1	1					1	1	1									
PD9009	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1					1	1	1									
PD9010	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-37A (1163)	240	1	1	1	1					1	1	1									
PD9011	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-37B (1163)	272	1	1	1	1					1	1	1									
PD9012	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-37C (1163)	375	1	1	1	1			1		1	1	1									
PD9013	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	1		1			1	1	1									
PD9014	REG	GROUND WATER	GRAB		09/09/02	TAN	MONITORING WELL	TAN-D2 (339)	241	1	1	1	1					1	1	1									
PD9015	QC	WATER	FBLK		09/09/02	TAN	FIELD BLANK	QC	NA				1						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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Field Standard Addition - QC

AT7: Gamma Screen

AT8: Microbiological Analysis

AT9: Propionate/Butyrate/Acetate/Lactate

AT10: Tritium

AT11: VOCs (TAL)

AT12: VOCs (TAL) - MS/MSD

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate and alkalinity

Analysis Suites:

Analysis Suite #1: Sulfate, iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-9/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 08/30/2002 Plan Table Revision: 3.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 9/02 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	F6	R5	MB	1N	R8	VA	VE									
PD9016	QC	WATER	TBLK		09/09/02	TAN	TRIP BLANK	QC	NA				3							3									

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Field Standard Addition - QC

AT7: Gamma Screen

AT8: Microbiological Analysis

AT9: Propionate/Butyrate/Acetate/Lactate

AT10: Tritium

AT11: VOCs (TAL)

AT12: VOCs (TAL) - MS/MSD

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate and alkalinity

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-10/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Sample Description						Sample Location				Enbr Analysis Types (AT) and Quantity Requested																			
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	At	3A	C5	EG	E3	F6	R5	1N	R8	VA	VE									
PD1000	REG	GROUNDWATER	GRAB		10/07/2002	TAN	MONITORING WELL	TSF-05A (71)	235	1	1	1		1		1	1	1	1										
PD1001	REG	GRWND WATER	GRAB		10/07/2002	TAN	MONITORING WELL	TSF-05B (71)	270	1	1	1	1			1	1	1		1									
PD1002	REG	GROUND WATER	GRAB		10/07/2002	TAN	MONITORING WELL	TAN-25 (1117)	218	1	1	1	1			1	1	1	1										
PD1003	REG	GROUND WATER	GRAB		10/07/2002	TAN	MONITORINGWELL	TAN-26 (1118)	389	1	1	1	1		1	1	1	1	1										
PD1004	REG/QC	GROUND WATER	DUP		10/07/2002	TAN	MONITORINGWELL	TAN-27 (1009)	235	2	2	2	2				2	2	2										
PD1005	REG	GROUND WATER	GRAB		10/07/2002	TAN	MONITORINOWELL	TAN-28 (1008)	240	1	1	1	1				1	1	1										
PD1006	REG	GROUNOWATER	GRAB		10/07/2002	TAN	MONITORING WELL	TAN-29 (1010)	253	1	1	1	1				1	1	1										
		GROUNDWATER	GRAB		10/07/2002	TAN	MONITORING WELL	TAN-30A (1012)	310	1	1	1	1				1	1	1										
		GRWND WATER	GRAB		10/07/2002	TAN	MONITORING WELL	TAN-31 (1219)	258	1	1	1	1			1	1	1	1										
P01009		GROUNDWATER	GRAB		10/07/2002	TAN	MONITORINGWELL	TAN-37A (1163)	240	1	1	1	1				1	1	1										
PD1010	REG	GROUND WATER	GRAB		10/07/2002	TAN	MONITORINGWELL	TAN-37B (1163)	272	1	1	1	1				1	1	1										
PD1011	REG	GROUNDWATER	GRAB		10/07/2002	TAN	MONITORINGWELL	TAN-37C (1163)	375	1	1	1	1				1	1	1										
PD1012	REG	GROUNDWATER	GRAB		10/07/2002	TAN	MONITORING WELL	TAN-10A (348)	233	1	1	1	1				1	1	1										
PD1013	REG	GROUNDWATER	GRAB		10/07/2002	TAN	MONITORINGWELL	TAN-D2 (339)	241	1	1	1	1				1	1	1										
PD1014	QC	WATER	FBLK		10/07/2002	TAN	FIELD BLANK	QC	NA				1					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: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Ethane/Ethene/Methane - MS/MSD
AT6: Field Standard Addition - QC
AT7: Gamma Screen
AT8: Propionate/Butyrate/Acetate/Lactate
AT9: Tritium
AT10: VOCs (TAL)
AT11: VOCs (TAL) - MS/MSD
AT12:
AT13:
AT14:
AT15:
AT16
AT17:
AT18:
AT19
AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate and alkalinity

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: TAN_PDO-10/02

SAP Number: INEEL-EXT-2000-00925

Sampler: Carroll, R. E.

Date: 09/30/2002 Plan Table Revision: 0.0 Project: TAN ISB - PRE-DESIGN OPERATIONS - 10/02 MONTHLY Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	E3	F6	R5	1N	R8	VA	VE									
PD1015	QC	WATER	TBLK		10/07/2002	TAN	TRIP BLANK	QC	NA				2						2										

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: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4 Ethane/Ethene/Methane

AT5: Ethane/Ethene/Methane - MS/MSD

AT6: Field Standard Addition - QC

AT7: Gamma Screen

AT8: Propionate/Butyrate/Acetate/Lactate

AT9: Tritium

AT10: VOCs (TAL)

AT11: VOCs (TAL) - MS/MSD

AT12:

AT13:

AT14:

AT15:

AT16

AT17:

AT18:

AT19:

AT20:

Comments:

Field Tests - Analysis Suite #1, alkalinity, COD

The TAN-25 microbiological samples are for an LDRD project at IRC

Field Standard Addition - QC = sulfate and alkalinity

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Appendix C

In Situ Monitoring Operations Log

Appendix C

In Situ Monitoring Operations Log

ISB Hydrolab Log

Vote. Hydrolabs am standardized for pH, conductivity and DO			DO calibration takes place immediately befor		each deployment or use	New or change			
Date	**MS-35770**	**MS-35771**	**MS-35025**	**DS-35026**	**Diver SN24461**	**MS-40022**	**MS-38148**	**MS-38149**	**MS-39681**
08/06/01		Standardized, used for sampling.							
08/08/01		Changed DO membrane.	Removed from well **TAN-37.** Changed DO membrane.	Removed from well TAN-37 Changed DO membrane.				Changed DO membrane.	
08/09/01			TAN-31.	Standardized, programmed and deployed in well TAN-37.					
08/15/01			Downloaded while in well TAN-31. 89% power **left.**	Downloaded while in well TAN-37. 78% power left.					
08/23/01			**Removed from** TAN-31 for well maintenance.	**Removed from** TAN-37 for well maintenance.					
09/05/01	Instrument shorts out when **circulator** is on.	Standardized.	Downloaded, standardized and DO membrane changed.	Downloaded, standardized and DO membrane changed.			New hydrolab as of 9/25/00 (never used) standardized set baud rate to 9600. Set time.	Standardized and baud rate set to 9600	
09/06/01	Sent to Hydrolab Corporation for replacement of circulator.	Continued **well** maintenance, told by TAN ISB **operators to not deploy hydrolabs in any wells.**							
09/10/01		Used for sampling	Programmed. **Deployed in TAN-31.**	Programmed **Deployed** in **TAN-37.**					
09/12/01		Standardized.	Downloaded while in well TAN-31.	Downloaded while in well TAN-37.					
09/25/01	Returned from Hydrolab Corporation		Downloaded **while** in TAN-31.	Downloaded while in TAN-37.			Standardized DO, programmed, set elevation to zero. **Deployed** In TAN-28 in pipe ends at 31.9 ft bwt.	Standardized DO and programmed **Deployed in TAN-30A at 104.7 ft. Installed in hydrolab** pipe. The pipe ends at 104.9 ft bwt	

ISB Hydrolab Log

Note: Hydrolabs are standardized pH, conductivity and DO. DO calibration takes place immediately befo each deployment or use. **New or changed locations of deployment are in bold.**

Date	MS-35770	MS-35771	MS-35025	DS 35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
10/03/01	Standardized, had problems with **battery** reading zero hydrolabcompany suggestedchanging the security level to 3, then assign **values for the** internal batterytype. This worked, battery reads 100% and all other functions appear to be working fine.		Downloadedwhile in TAN-31, 15% power left, no RCT support so couldn't pull it to change batteries.	Downloaded 'whilein TAN-37, 72% power left			Downloadedwhile in TAN-28, 61% power left.	Downloaded while in TAN-30A, 81% power left.	
10/09/01		Used **for** sampling	Removed, standardized, batteries changed	Removed, DO membrane **changed**, 70% power left.			Removed, standardized, batteries changed	Removed, Standardized, 77% power left.	
10/10/01		Standardized	Deployed in TAN91	Deployed in TAN-37.			Deployed in TAN-28	Deployed in TAN-30A	
10/18/01			Downloaded while in TAN-31, 73% power left.	Downloaded while in TAN-37, 69% power **left**.			Downloaded while in TAN-28, 85% power lefl	Downloaded while in TAN-BOA, 73% power lei?.	
10/31/01			Downloaded while in TAN-31, 65% power left.	Downloaded while in TAN-37, 49% power left			Downloaded while in TAN-28, 81% power lefl	Downloaded while in TAN-BOA, 69% power left.	
11/05/01	Standardized DO, used for sampling.	Standardized DO, but' couldn't be used for sampling because would it not connect							
11/06/01	Standardized DO, used for sampling.								
1/07/01 11/07/01			Downloaded, removed from TAN-31, standardized, set dock for daylight savings time, programmed, DO membrane changed.	Downloaded, removed from TAN-37, standardized, set clock for daylight savings time. programmed, DO membrane changed			Downloaded, removed from TAN-28, standardized, set clock for daylight savings time, programmed, deployed in TAN-28.	Downloaded, removed from TAN-30A, standardized, set clock for daylight savings time, programmed, deployed in TAN-30A.	
11/08/01			Standardized DO, set elevation to zero, deployed in TAN-31.	Changed batteries, standardized DO, set elevation to zero, deployed in TAN-37.					
11/15/01	Standardized DO, set elevation to zero.		Downloaded.	Downloaded.			Downloaded.	Downloaded.	

ISB Hydrolab Log

Vote: DO calibration fakespiace immediately before each deployment or use. New or changed locations of deployment are in bold.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
11/19/01	Standardized DO, used for sampling, 61% power left.								
11/29/01							Downloaded.	Downloaded.	
12/03/01	Standardized DO, used for **sampling.**			**Removed from** TAN-37.					
12/04/01	Standardized DO, used **for** sampling.			Standardized DO, conductivity, and pH, changed the teflon junction and filled the pH probe					
12/06/01	Could not get the DO to stabilize.	Standardized DO, used for sampling.	Downloaded while in TAN-31, 47% power left.	Left soaking in pH 7 solution for several hours to see if it would stabilize, **left** in pH 10 solution over the weekend but had not stabilized.			Downloaded while in TAN-28, 58% power left.	Downloaded while in TAN-BOA, showed no power left, removed from TANSOA, batteries changed, and deployed in TAN-30A.	
12/10/01	Changed DO membrane.	Standardized DO, used for sampling, after sampling changed DO /membrane.							
12/11/01	Standardized, ,changed batteries, programmed to 'collect data every 0.5 hour **for** a week Deployed in **TAN-37 at the A location, 29.4 ft bwt.**	Standardized, changed battertes, programmed to collec data every 0.5 hour **for** a week. **Deploye** in **TAN-37** at the **B location, 64 *ft* bwt.**							
12/19/01	Downloaded while at TAN-37A, 54% power ***left.***	Downloaded while at TAN-37B. 65% powei left	Downloaded while in TAN-31, 34% power **eft,** removed from TAN-31, batteries and 30 membrane :hanged.				Downloaded while in TAN-28, 58% power **left,** removed.	Downloaded while in TAN-30A, 89% power left, removed, DO membrane changed.	

ISB Hydrolab Log

Vote. Hydrolabs are standardized for pH, conductivity and DO. DO calibration takes p *Immediately befo* *each deployment* se New or changed locations of deployment are in bold.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver 5124461	MS-40022	MS-38148	MS-38149	MS-39681
12/20/01	Removed from TAN-37A, standardized, 3 programs 12/20/01 to 1/2/02 every 4 hours, 1/2/02 to 1/23/02 every 4 hours, deployed in TAN-37A.	Removed from **TAN-37B.** changed teflon junction, standardized, **3 programs 12/20/01 to** 1/2/02 every 4 hours, 1/2/02 to 1/9/02 every	Changed teflon junction, standardize and deployed in **TAN-31**				Standardized and deployed in **TAN-28**	Changed teflon junction standardize and deployed in TAN-BOA	
01/02/02	Downloaded while at TAN-37A, 81% power left.	Downloaded while at TAN-37B, 85% power left.	Downloaded while in TAN-31.						
01/08/02									
01/10/02	Downloaded while at TAN-37A, 58% power left.	Downloaded while at TAN-37B, 65% power left.	Downloaded while in TAN-31, 77% power left				Downloaded while in TAN-28, 81% power left.	Downloaded while in TAN-BOA, **77%** power left.	
01/16/02	Downloaded while at TAN-37A, 58% power left	Downloaded while at TAN-37B, 69% power left.	Downloaded while in TAN-31, 73% power left.				Downloaded while in TAN-28, 81% power left.	Downloaded while in TAN-30A.	Sent broken hydrolab back to Hydrolab Corporation.
01/21/02								**Removed from TAN-30A** to use for vertical profiling sampling, downloaded, 69% power left, changed DO	
01/22/02							**Removed from TAN-28** to use for vertical profiling sampling, standardized DO.	Couldn't use for vertical profiling sampling, DO needed to be changed and standardized again.	
01/23/02								Standardized DO, used for vertical profiling sampling.	
01/24/02								Standardized DO, used for vertical profiling sampling.	
01/28/02							Standardized DO, used for vertical profiling sampling.	Changed DO membrane.	
01/29/02	Removed from TAN-37A.	Removed from TAN-37B, changed DO membrane.	Removed from TAN-31, changed DO membrane.				Standardized. Deployed in TAN-28.	Changed batteries and standardized Deployed In **TAN-30A.**	

ISB Hydrolab Log

Note: Hydrolabs are standardized for pH, conductivity and DO. DO calibration takes pl immediately before each deploymentc se. New or changed locationoof deploymentare In bold.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
01/31/02	Standardized and deployed in TAN-37A.	Standardized and deployed in TAN-375.	Standardized and deployed in TAN-31.				Removedfrom TAN-28, standardized conductivity,deployed in TAN-28.	Removed from TAN-30A, standardized conductivity, deployed in TAN-30A.	
02/06/02									Received a new hydrolabwith same number
02/07/02	Downloaded while in TAN-37A.	Downloaded while in TAN-37B.	Downloaded while in TAN-31, 58% power left.				Downloaded while in TAN-28, 85% power left.	Downloaded while in TAN-30A, 93% power left.	
02/13/02	Removed from TAN-37A. cleaned metal fragments off hydrolab, changed teflon junction.	Removed from TAN-37B, cleaned metal fragments off hydrolab.	Removedfrom TAN-31, changed teflon junction.	:leaned per ıstructions from lydrolab Tech ;upport.			Removed from TAN-28.	Removed from TAN-30A, changed teflon junction.	
02/14/02	Standardized. programmed, deployed in TAN-37A	Standardized, changed batteries, programmed, deployed in TAN-37B	Standardized, changed batteries, programmed, deployed in TAN-31				Standardized, programmed, deployed in TAN-28.	Standardized, programmed, deployed in TAN-30A	
02/19/02	Downloaded while in TAN-37A. 85% power left.	Downloadedwhile in TAN-37B, 100% power left.	Downloadedwhile in TAN-31, 97% power left				Downloaded while in TAN-28, 69% power left.	Downloaded while in TAN-30A, 81% power left.	
02/26/02	Downloaded while in TAN-37A.	Downloadedwhile in TAN-37B	**Removed** from TAN-31. Downloaded. 77% power left.				**Removed** from TAN-28. Downloaded,65% power left, small (~1mm) teflon junction slightly yellow, bubbles on interior sides of ref cell, plug inside ref cell is light brown.	Removed from TAN-30A. Downloaded, 73% pH probe, small bubble on lower part of probe, bubbles inside ref cell, plug is light brown.	ıtandardized, 61% ower left.
02/27/02			Sent to Hydrolab Corporation for maintenance, calibration, and new probes as needed.				Sent to Hydrolab Corporation for maintenance, calibration, and new probes as needed.	Sent to Hydrolab Corporation for maintenance, calibration, and new probes as needed.	
02/28/02	Downloaded while in TAN-37A	Downloadedwhile in TAN-376.							
03/04/02									Standardized DO, used for sampling.
03/05/02									Standardized DO, used for sampling, hydrolab didn't repoı DO readings.
03/12/02	Downloaded while in TAN-37A, 73% power left.	Downloaded while in TAN-37B, 81% power left.							

ISB Hydrolab Log

Note. Hydrolabs are standardized for pH, conductivity and DO. DO calibration takes place immediately before each deployment or use. New or changed locations of deployment are in bold.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
03/20/02	**Removed from TAN-37A.** Downloaded, standardized.	Removed from TAN-37B, downloaded, cleaned pH and ORP probes with methanol, changed DO membrane.	**Standardized, reset baud rate and** clock. programmed. **Deployed in TAN-31** at 15.9 ft.				Standardized, reset baud mte and dock, programmed. **Deployed in TAN-28 at 31.7 ft.**	Standardized, set baud rate to 9600. programmed. **Deployed in TAN-30A at 103.8 ft.**	Standardized, replaced teflon junction, cleaned ORP and pH probes with methanol, changed batteries.
03/21/02		Standardized, programmed, deployed in TAN-375 at 70.4 ft, 73% power **left.**							Standardized DO, **programmed. Deployed in TAN-37A at 31.2 ft.**
Start of Hydrolab Logbook									
03/25/02	Field standardized DO and deployed in TAN-30A at 103.5 ft bws.	Downloaded in TAN-37B 77% battery power left.	Downloaded in TAN-31. 69% power left.				Downloaded in TAN-28.	Downloaded in TAN-30A 88% battery power left. **Removed from TAN-30A** due to inconsistent readings.	Downloaded in TAN-37A. Battery ok.
03/27/02	Downloaded in TAN-BOA 66% battery power left.	Downloaded in ITAN-378. 77% battery power left.	Downloaded in TAN-31. 51% battery power left. Removed and changed batteries. **98%** battery **power left.**				Downloaded in TAN-28. 89% battery power left.		Downloaded in TAN-37A 93% battery power left.
04/01/02								Standardized DO, used for sampling.	
04/02/02	Downloaded in TAN-30A. 61% battery power left.	Downloaded in TAN-378. 73% battery power left.	Downloaded in TAN-31 54% battery power left.				Downloaded in TAN-28. 85% power left.	Standardized DO, used for sampling.	Downloaded in TAN-37A. 85% battery power left.
04/03/02								Standardized DO, used for sampling	
04/08/02	Downloaded in TAN-30A. 58% **battery power left.** Changed clock for DST.	Downloaded in TAN-37B. 69% battery power left. Changed clock for DST.	Downloaded in **TAN-31.** 47% battery power left. Changed clock for DST.				Downloaded In TAN-28. 77% battery power left Changed clock for **DST.**		Downloaded in TAN-37A. **69%** battery power left. Changed clock **for** DST.
04/17/02	Downloaded in TAN-30A. 55% battery power left.	Downloaded in TAN-37B. 66% battery power left.	Downloaded in TAN-31. 41% battery power left.				Downloaded in ITAN-28. 73% battery power left.	Standardized DO, used for sampling.	Downloaded in TAN-37A. 77% battety power left.
04/24/02	Downloaded in TAN-30A. 54% battery power left.	Downloaded in TAN-37B, 65% battery power left.	Downloaded in TAN-31. 27% battery power left.				Downloaded in TAN-28. 69% battery power left.		Downloaded in TAN-37A 73% battery power left.
04/25/02			Downloaded in TAN-31. 27% battery power left. Removed and batteries changed Deployed a 16.3 ft BWT. 100% battery power left						
04/29/02								Standardized DO, used for sampling.	

ISB Hydrolab Log

tech deployment or use. New or changed locations of deployment are in bald.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
05/01/02	Downloaded in TAN-30A 51% batte power left.	Downloaded in TAN-37B 61% battery power left.	Downloaded in TAN-31 93% battery power left				Downloaded in TAN-28. 65% battery power left.	Standardized DO. used for sampling.	Downloaded in TAN-37A. 69% battery power left.
05/02/02	New		370594, being re	lied tOuse for h	rolab dow a s				
05/06/02	The hydrolab cables into TAN-28 and 30A are being "peeled" by th			sharp edge of tl	placement tube when deploying hydrolabs. This must not happen in the future.				
35108102	Downloaded in TAN-30A. Removed and batteries changed. Deployed in TAN-30A.						61% battery power left.	Field standardized for all parameters 47% battery power left. Recorded "hardware measurement error" when used for urging.	
05/13/02	Removed from TAN-30A. Downloaded. Changed batteries. 100% battery power left	Removed from TAN-370. Downloaded. 54% battery power left.	Removed from TAN-31. Downloaded. 77% battery power left. Changed batteries						Removed fr TAN-37A Downloaded. 65% battery power left. Changed batteries and replaced teflon junction.
	TAN-30A at 104.4 ft. bwt	and redeployed in TAN-37B at 71 ft. bwt.	and redeployed in TAN-31 at 14.3 ft. bwt					eturned to Hydrolab orporation for aintenance and pair RGA no.34411	Field standardized and redeployed in TAN-37A at 32.1 ft. bwt.
05/29/02	Downloaded in TAN-30A 85% battery power left	Downloaded in TAN-37B. 89% battery power left.	'Downloaded in TAN-31. 81% battery power lefl						Downloaded in TAN-37A. 85% battery power left.
06/03/02						rate set at 9600.			
06/05/02	Downloaded in TAN-30A 81% battery power left	Downloaded in TAN-378. 81% battery power left	Downloaded in TAN-31. 77% battery power left				Downloaded in TAN-28. 81% battery power left.	eceived from ydrolab Corporation.	Downloaded in TAN-37A. 77% battery power left.
06/13/02	Downloaded in TAN-30A. 77% battery power left	Downloaded in TAN-378. 77% battery power left.	Downloaded in TAN-31 70% battery power left.				Downloaded in TAN-28. 77% battery power lefl.		Downloaded in TAN-37A 7 battery power left.
06/21/02					Field standardized Hydrolab Diver in 0 1 M KCl Notes on diver. D1222, D=100M, C=0-50 mS/cm,				
06/24/02	Downloaded In TAN-30A. 73% battery power left.	Downloaded in TAN-37B. 77% battery power left.	Downloaded in TAN-31. 58% battery power left		Deployed Hydrolab Diver in TAN-25 at 216 ft. below the surface of the concrete pad.		Downloaded in TAN-28 70% batter) power left		Downloade TAN-37A. 66% battery power left

ISB Hydrolab Log

se. New or changed locations of deployment are in bold.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
07/11/02	Downloaded in TAN-30A 62% battery power left	Downloaded in TAN-37B 66% battery power left.	Could not connect with computer.		Diver downloaded in TAN-25.	leturned to Hydrolab :orporation for ;aintenance and ?pair RGA # 34749 leads "hardware ;easurement error" uring purging	Downloaded in ITAN-28 61% battery power left		Downloaded in TAN-37A. 55% battery power left.
07/17/02	Removed from **TAN-30A. Downloaded and changed batteries.**	Removed from TAN-37B. Downloaded. Changed batteries& DO membrane. Many metal filings before cleaning	Still could not connect. Removed from TAN-31.				Removed from TAN-28. Downloaded. Changed batteries.		Removed from TAN-37A Downloaded Changed batteries. Many metal filings before cleaning
07/18/02	**Deployed in TAN-31 at 14 ft. bwt. (Frequent gurgling was heard in TAN-31)**	Deployed in TAN-37B at 68.9 ft bwt.					Deployed In TAN-28 at 30.1 fl. bwt.	hanged batteries leployed in **AN-30A** at 101.6 fl wt	Changed batteries. The ones changed yesterday were not good Deployed in TAN-37A at 30 o fl bwt.
07/23/02	Downloaded in TAN-31. 85% battery power left. (Distinctive gurgling stili heard In TAN-31).	Downloaded in TAN-37B. 85% battery power left.					Downloaded in TAN-28. 97% battery power iefl.	lownloaded in AN-BOA 93% attery power lefl.	Downloaded in TAN-37A. 81% battery power left
07/29/02	Downloaded in TAN-31. 85% battery power left.	Downloaded in TAN-37B. 77% battery power left.			Diver downloaded in TAN-25.		Downloaded in TAN-28. 89% battery power lefl. Removed from **TAN-28** to use for purging. DO membrane changed.	Downloaded in TAN-BOA 85% battery power left. **Removed from TAN-30A** to use for purging. DO membrane changed.	Downloaded in TAN-37A. 77% battery power left.
07/30/02	69% battery power left.								
08/01/02	48% battery power left.								
08/01/02	24% battery power left. Hydrolab removed and batteries changed.					itandardized leployed in 'AN-26.			
08/06/02	Deployed in TAN-31. 100% battery power remaining.								
08/07/02	Downloaded in TAN-31. 93% battery power iefl	Downloaded in TAN-37B 55% battery power lefl			Diver downloaded in TAN-25.	townloaded in AN-28. 100% attery power left.			Downloaded in TAN-37A. 51% battery power left.
08/13/02	Downloaded in TAN-31 85% battery power left	Downloaded in TAN-376. 65% battery power left			Diver downloaded in TAN-25.	Downloaded in 'AN-28. 97% banery ower lefl.			Downloaded in TAN-37A. 44% battery power left.
08/20/02			Returned to Hydrolab Corporation for maintenance and repair						

ISB Hydrolab Log

Vote: Hydrolabs am standardized for pH, conductivity and DO. DO calibration takes place immediately before each deployment or use. New or chang locations of deployment are in bold.

Date	MS-35770	MS-35771	MS-35025	DS-35026	Diver SN24461	MS-40022	MS-38148	MS-38149	MS-39681
08/22/02	Downloaded in TAN-31. 81% battery power left.	Downloaded in TAN-37B. 65% battery power lefl			Diver downloaded in TAN-25.	/Downloaded in TAN-28. 92% batter power left. **Remove** from TAN-28 **and** deployed in **TAN-30A.**			Downloaded in TAN-37A. 27% battery power **left.**
08/29/02	Downloaded in TAN-31, 77% battery power left.	Downloaded in TAN-37B. 58% battery power lefl				Downloaded in TAN-30A. 89% battery power left			Communication to computer cut **off.** Removed, batteries changed and redeployed in TAN-37A.
09/05/02	**Downloaded in TAN-31. 73%** battery power left.	**Downloaded in TAN-37B. 58%** battery power **iefl.**			Diver downloaded in TAN-25	Downloaded in TAN-30A. 87% battery power left.			Downloaded in TAN-37A. 81% battery power **left,**
09/16/02	Removed from TAN-31. Changed DO membrane and teflon junction.	Removed from TAN-373. Changed DO **membrane** and teflon junction.				**Removed** from **TAN-30A.** Changed teflon junction.			Removed from TAN-37A. Changed teflon junction
09/17/02	Downloaded. **Standardized.** Deployed in TAN-31 at 13.1 **fl. bwt.**	Downloaded. Standardlzed. Deployed in TAN-37B 67.7 **ft. bwt.**				Downloaded. pH probe **is loose.**	Standardized. **Deployed** in **TAN-30A** at f00.2 ft bwt.	Standardized **for** purging.	Downloaded. Standardized. Deployed in TAN-37A.
09/18/02						Returned to Hydrolal Corporation for naintenance and epair. SRO # 368.			
10102102	Downloaded in TAN-31. 61% battery power left.	Downloaded in TAN-37B. 85% battery power left.			Diver downloaded In TAN-25.		Downloaded in TAN-30A. **69%** battery power left.		Downloaded in TAN-37A. 61% **left.**
10/09/02	Downloaded in TAN-31. 82% battery power left.	Downloaded *in* TAN-37B. ***77%*** battery power left.			Diver **downloaded** in TAN-25.		Downloaded in TAN-30A. 69% battery power left.		Downloaded in TAN-37A. 47% battery power left.
10/23/02	Downloaded in TAN-31. 51% battery power left.	Downloaded in TAN-37B. 69% battery power left.					Downloaded in TAN-30A. 61% battery power left.		Could not connect to hydrolab in TAN-37A Removed, batteries changed, deployed. 100% battery power left.
10/28/02		**Removed** from **TAN-37B.** Downloaded. File deleted. Put in **storage.**					**Removed from TAN-30A.** Downloaded. **File deleted.** Put in storage.		**Removed from TAN-37A.** Downloaded. File deleted. Put in storage.