

FS0046-Field

0052032

4/8/97

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Environmental
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ERC Team

Interoffice Memorandum

044683

Job No. 22192
Written Response Required? NO
Closes CCN N/A
OU 200-ZP-1
TSD N/A
ERA N/A
Subject Code: #630

TO: M. A. Buckmaster, H4-80
J. A. Lerch, B1-35

DATE: March 28, 1997

COPIES: See Below

FROM: R. T. Coffman
Onsite Measurement Services
H9-11/372-9373

SUBJECT: **200-ZP-1 PHASE II PERFORMANCE MONITORING, GROUNDWATER RESULTS, FEBRUARY 1997, REV 0**

REFERENCES:

1. BHI, 1996, *On-Site Measurements Quality Assurance Plan*, BHI-00852, REV 0, Bechtel Hanford, Inc., Richland, Washington.
2. BHI, 1995, *Field Screening Procedures*, BHI-EE-05, Bechtel Hanford, Inc., Richland, Washington.
3. BHI, 1995, *200-ZP-1 Field Screening Support Logbook*, EL-1273, Bechtel Hanford, Inc., Richland, Washington.

This data package contains field screening results for groundwater samples analyzed to support 200-ZP-1 IRM Phase II performance monitoring. The Quality Assurance level for this work corresponds to QA-1 as specified in the reference 1 (BHI 1996). Samples collected and analyzed during February 1997 were managed under SAF C97-014, C97-015, and C97-018

Attachment 1 contains Volatile Organic Compound (VOC) results for groundwater samples collected to support the referenced project. The VOC analysis results on 3/3 and 3/4 were generated using the Hewlett - Packard 5890 gas chromatograph with a headspace autosampler, and VOC analysis results on 3/5 were generated using a Photovac 10S plus portable gas chromatograph. Both instruments were operated in accordance with Field Screening Procedure (FSP) 1.1, *Aqueous Headspace Analysis of Volatile Organic Compounds in Water* (BHI 1995). It was necessary to utilize the Photovac 10S plus portable gas chromatograph when on 3/4, the Hewlett Packard 5890 support computer hard drive failed. The computer was replaced and has been restored to normal operation. Samples analyzed using the Photovac were B0JYW7, B0JYW5, B0JY24, and B0JY25. Information concerning operation and calibration of the gas chromatographs is contained in instrument logbooks EL-1329 and EL-1332. Please contact me if you have any questions on this information.

R. T. Coffman, Engineer/Analyst

R. T. Coffman
RTC:rtc



M. A. Buckmaster, H4-80

Page 2

Attachments:

Attachment 1. 200-ZP-1 IRM Phase II Performance Monitoring, Groundwater Results,
February 1997

Attachment 2. Sample Chain of Custody Sheets

Copies:

J. R. Freeman-Pollard, H9-12, w/attachment 1 only

B. H. Ford, H0-02, w/attachment 1 only

M.J. Galgoul, H9-12, w/attachment 1 only

I. D. Jacques, H9-10, w/attachment 1 only

R. B. Kerkow, H9-10, w/attachment 1 only

A. M. Hopkins, H9-11, w/attachment 1 only

S. A. Strobe, T7-12, w/attachment 1 only

L. C. Swanson, H9-11, w/attachment 1 only

BHI Document Control, H4-79, w/original attachments

200-ZP-1 Phase II Performance Monitoring

Groundwater Results, February 1997
SAF C97-014, C97-015, and C97-018

Sample Location	HEIS Number	Sample Date	Analysis Date	Chloroform (µg/L)	Carbon Tetrachloride (µg/L)	Trichloroethylene (µg/L)
299-W14-9	BOJY16	2/27/97	3/4/97	41	290	7
Duplicate @ 299-W14-9	BOJY29	2/27/97	3/4/97	40	280	6.8
299-W15-1	BOJRD2	2/24/97	3/4/97	20	2700	12
Duplicate @ 299-W15-1	BOJRD3	2/24/97	3/4/97	48	3000	18
299-W15-4	BOJY17	2/20/97	3/3/97	10	550	<2.0
299-W15-7	BOJRD4	2/20/97	3/3/97	39	2300	17
299-W15-10	BOJRD5	2/26/97	3/4/97	30	3200	14
299-W15-11	BOJXX3	2/20/97	3/3/97	25	2500	6.9
299-W15-15	BOJY21	2/20/97	3/3/97	10	1500	<2.0
299-W15-19	BOJY22	2/20/97	3/3/97	5.6	110	<2.0
299-W15-25	BOJYW1	2/24/97	3/4/97	90	2800	6.6
* 299-W15-30	BOJYW6	2/24/97	3/5/97	49	6500	<2.0
* 299-W15-31A	BOJYW7	2/24/97	3/5/97	37	5700	3.9
299-W15-38	BOJYW2	2/25/97	3/4/97	31	2300	<2.0
299-W15-39	BOJY23	2/27/97	3/4/97	21	1000	<2.0
* 299-W18-1	BOJY24	2/26/97	3/5/97	18	1500	<2.0
* 299-W18-4	BOJY25	2/27/97	3/5/97	<4.0	11	<2.0
299-W18-21	BOJY26	2/20/97	3/3/97	9.8	1100	<2.0
299-W18-23	BOJRF6	2/21/97	3/3/97	3.4	470	<2.0
299-W18-26	BOJRF4	2/21/97	3/3/97	22	220	<2.0
Duplicate @ 299-W18-26	BOJRF5	2/21/97	3/3/97	23	380	<2.0
299-W18-27	BOJY27	2/19/97	3/3/97	2.3	370	<2.0
299-W18-28	BOJY28	2/19/97	3/3/97	13	22	<2.0
299-W18-30	BOJY15	2/3/97	2/12/97	18	1000	2.2
299-W18-32	BOJY30	2/19/97	3/3/97	<2.0	3.8	<2.0
699-39-79	BOJRF3	2/21/97	3/3/97	3.3	250	<2.0

| - Value less than practical quantitation limit

VOA Instrument: Hewlett Packard 5890 GC, Serial # 3235A47886
Method: Dual DB-VRX columns, ECD/FID, 1 mL headspace injection
Logbook: 200-ZP-1 Field Logbook, EL-1273, pgs 132 to 134* VOA Instrument: Photovac 10S Plus GC, Serial # BLDG203
Method: 5 mL/min HP Air, 11.7 eV lamp, 250 µL headspace injection
Logbook: 200-ZP-1 Field Logbook, EL-1273, pgs 132 to 134

Analyst:

P.T. Coffman - 4-8-97
P.T. Coffman

Pacific Northwest National Laboratory		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST						C97-018-16		Page 1 of 1	
Collector RT SICKLE (RFS)			Company Contact JH Kessner		Telephone No. (509) 372-9538		Project Coordinator Stewart, DL		Data Turnaround Field		
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997			Sampling Location 200W			SAF No. C97-018					
Ice Chest No. N/A			Field Logbook No. FEL-111-6 PAGE #2			Method of Shipment Gov. Vehicle					
Shipped To Mobile Laboratory			Offsite Property No. N/A			Bill of Lading/Air Bill No. N/A					
POSSIBLE SAMPLE HAZARDS/REMARKS			Preservation		HCl to pH <2 Cooled to 4C						
			Type of Container		Gs*						
			No. of Container(s)		1						
Special Handling and/or Storage			Volume		40ml						
SAMPLE ANALYSIS					VOA BY FIELD GC -- Chlorinated Hydrocarbon						
Sample No.	Matrix *	Sample Date	Sample Time								
BOJY30	Water	FEB 19 1997	1208	✓							
CHAIN OF POSSESSION	Sign/Print Names				SPECIAL INSTRUCTIONS ** Total Activity Exempt.						Matrix *
Relinquished By RT SICKLE (RFS)	Date/Time 2-24-97 1434	Received By R2 Staffer R2 Staff	Date/Time 2-26-97 1426							S - Soil	
Relinquished By R2 Staffer	Date/Time 2-24-97 0930	Received By RB Kerkow	Date/Time 2-24-97 0930							SE - Sediment	
Relinquished By	Date/Time	Received By	Date/Time							SO - Solid	
Relinquished By	Date/Time	Received By	Date/Time							SL - Sludge	
Relinquished By	Date/Time	Received By	Date/Time							W - Water	
Relinquished By	Date/Time	Received By	Date/Time							O - Oil	
Relinquished By	Date/Time	Received By	Date/Time							A - Air	
Relinquished By	Date/Time	Received By	Date/Time							DS - Drum Solids	
Relinquished By	Date/Time	Received By	Date/Time							DL - Drum Liquids	
Relinquished By	Date/Time	Received By	Date/Time							T - Tissue	
Relinquished By	Date/Time	Received By	Date/Time							WI - Wipe	
Relinquished By	Date/Time	Received By	Date/Time							L - Liquid	
Relinquished By	Date/Time	Received By	Date/Time							V - Vegetation	
Relinquished By	Date/Time	Received By	Date/Time							X - Other	
LABORATORY SECTION	Received By		Title		Date/Time						
FINAL SAMPLE DISPOSITION	Disposal Method		Disposed By		Date/Time						

Collector RT SICKLE (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. N/A	Field Logbook No. EFL-1111-6 PAGE 82	Method of Shipment 6-0L. 6.4 LIL LF		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		

Special Handling and/or Storage	Volume	40ml																		
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SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		
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Sample No.	Matrix *	Sample Date	Sample Time																	
B0JY28	Water	FEB 19 1997	1230	✓																

CHAIN OF POSSESSION	Sign/Print Names		SPECIAL INSTRUCTIONS ** Total Activity Exempt.												Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other		
	Relinquished By RT SICKLE (RFS)	Date/Time 2-26-97 1430	Received By R. J. Still	Date/Time 2-26-97 1430													
	Relinquished By R. J. Still	Date/Time 2-24-97 0930	Received By J. Kessner	Date/Time 2-24-97 0930													
	Relinquished By	Date/Time	Received By	Date/Time													

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

440003

Collector RT SICKLE (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9338	Project Coordinator Stewart, DL	Data Turnaround Field
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Project Designation 200-ZP-1 IRM (Group 2) Groundwater Sampling--FY1997	Sampling Location 200-W	SAF No. C97-015
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Ice Chest No. SML-503	Field Logbook No. EFL-1111-6	Method of Shipment Hand Carried
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Shipped To Mobile Laboratory	Offsite Property No. NA	Bill of Lading/Air Bill No. NA
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POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH < 2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		

Special Handling and/or Storage	Volume	40ml																		
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SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		
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Sample No.	Matrix *	Sample Date	Sample Time																	
B0JRF4	Water	2-21-97	0932	X																

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS TOTAL ACTIVITY EXEMPT	Matrix *
Relinquished By RT SICKLE (RFS)	Date/Time 2-24-97 0830	Received By RT SICKLE	
Relinquished By R.S. Kessner	Date/Time 2-24-97 0930	Received By RT SICKLE	
Relinquished By	Date/Time	Received By	
Relinquished By	Date/Time	Received By	

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

- S - Soil
- SE - Sediment
- SO - Solid
- SL - Sludge
- W - Water
- O - Oil
- A - Air
- DS - Drum Solids
- DL - Drum Liquids
- T - Tissue
- WI - Waste
- L - Liquid
- V - Vegetation
- X - Other

Collector **RT SICKLE (RFS)** Company Contact **J.H. KESSNER** Telephone No. **(509) 372-9538** Project Coordinator **Stewart, DL** Data Turnaround Field -

Project Designation **200-ZP-1 IRM (Group 2) Groundwater Sampling--FY1997** Sampling Location **200-W** SAF No. **C97-015**

Ice Chest No. **SML-503** Field Logbook No. **EFL-1111-6** Method of Shipment **Hand Carried**

Shipped To **Mobile Laboratory** Offsite Property No. **NA** Bill of Lading/Air Bill No. **NA**

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																	
	Type of Container	Gs*																	
	No. of Container(s)	1																	

Special Handling and/or Storage Volume 40ml

SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																	
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Sample No.	Matrix *	Sample Date	Sample Time																
B0JRF5	Water	2-21-97	0932	X															

CHAIN OF POSSESSION	Sign/Print Names		SPECIAL INSTRUCTIONS TOTAL ACTIVITY EXEMPT												Matrix *			
	Relinquished By	Date/Time	Received By	Date/Time													S	- Soil
	<i>RT Sickle</i>	2-24-97 0830	<i>RT Sickle</i>	2-24-97 0830													SE	- Sediment
	<i>R.S. Sickle</i>	2-24-97 0930	<i>RAKerkow</i>	2-24-97 0930													SO	- Solid
Relinquished By	Date/Time	Received By	Date/Time													SL	- Sludge	
Relinquished By	Date/Time	Received By	Date/Time													W	- Water	
Relinquished By	Date/Time	Received By	Date/Time													O	- Oil	
Relinquished By	Date/Time	Received By	Date/Time													A	- Air	
Relinquished By	Date/Time	Received By	Date/Time													DS	- Drum Solids	
Relinquished By	Date/Time	Received By	Date/Time													DL	- Drum Liquids	
Relinquished By	Date/Time	Received By	Date/Time													T	- Tissue	
Relinquished By	Date/Time	Received By	Date/Time													W1	- Wipe	
Relinquished By	Date/Time	Received By	Date/Time													L	- Liquid	
Relinquished By	Date/Time	Received By	Date/Time													V	- Vegetation	
Relinquished By	Date/Time	Received By	Date/Time													X	- Other	

LABORATORY SECTION Received By Title Date/Time

FINAL SAMPLE DISPOSITION Disposal Method Disposed By Date/Time

Collector **RZ STEFFLER (RFS)** Company Contact **JH Kessner** Telephone No. **(509) 372-9538** Project Coordinator **Stewart, DL** Data Turnaround **Field**

Project Designation **200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997** Sampling Location **200W** SAF No. **C97-018**

Ice Chest No. **SML-503** Field Logbook No. **WHL-N-205 #63** Method of Shipment **Hand Carried**

Shipped To **Mobile Laboratory** Offsite Property No. **NA** Bill of Lading/Air Bill No. **NA**

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C											
	Type of Container	Gs*											
	No. of Container(s)	1											

Special Handling and/or Storage Volume **40ml**

SAMPLE ANALYSIS VOA BY **FIELD GC - Chlorinated Hydrocarbon**

Sample No.	Matrix *	Sample Date	Sample Time										
B0JY22	Water	2-20-97	1013	X									

CHAIN OF POSSESSION		Sign/Print Names	
Relinquished By <i>RZ Steffler</i>	Date/Time 2-24-97 6430	Received By <i>RB Kerkov</i>	Date/Time 2-24-97
Relinquished By <i>11</i>	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

SPECIAL INSTRUCTIONS
 ** Total Activity Exempt.

Matrix *

- S - Soil
- SE - Sediment
- SO - Solid
- SL - Sludge
- W - Water
- O - Oil
- A - Air
- DS - Drum Solids
- DL - Drum Liquids
- T - Tissue
- WI - Wipe
- L - Liquid
- V - Vegetation
- X - Other

LABORATORY SECTION Received By _____ Title _____ Date/Time _____

FINAL SAMPLE DISPOSITION Disposal Method _____ Disposed By _____ Date/Time _____

Collector RT SICKLE (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. N/A	Field Logbook No. E12-1111-4 PAGE 8-2	Method of Shipment Cool. Vehicle		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C											
	Type of Container	Gs*											
	No. of Container(s)	1											
Special Handling and/or Storage	Volume	40ml											
SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon											

Sample No.	Matrix *	Sample Date	Sample Time										
B0JY27	Water	FEB 19 1997	1304	✓									

CHAIN OF POSSESSION	Sign/Print Names				SPECIAL INSTRUCTIONS ** Total Activity Exempt.	Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other
	Relinquished By <i>RT Sickle</i>	Date/Time 2-20-97 1430	Received By <i>R2 Staffler</i>	Date/Time 2-20-97 1430		
	Relinquished By <i>R.S. Kessner</i>	Date/Time 2-24-97 0930	Received By <i>RS Kessner</i>	Date/Time 2-25-97 0930		
	Relinquished By	Date/Time	Received By	Date/Time		

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Pacific Northwest National Laboratory

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C97-018-3

Collector RF THORNTON (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. SMC 281	Field Logbook No. FIC 1112 S	Method of Shipment BOY WIE 14		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. 1268		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C											
	Type of Container	Gs*											
	No. of Container(s)	1											

Special Handling and/or Storage	Volume	40ml											
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SAMPLE ANALYSIS		VOA BY FIELD GC -- Chlorinated Hydrocarbon											
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Sample No.	Matrix *	Sample Date	Sample Time										
BOJY17	Water	2-20-97	1237	X									

CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS				Matrix *			
Sign/Print Names				** Total Activity Exempt.				S - Soil			
Relinquished By RF Thornton (RFS)	Date/Time 2-20-97 1436	Received By R2 Stahlke R2 Stijje	Date/Time 2-20-97 1430					SE - Sediment			
Relinquished By R2 Stahlke	Date/Time 2-24-97 0930	Received By RB Kerkow	Date/Time 2-24-97 0930					SO - Solid			
Relinquished By	Date/Time	Received By	Date/Time					SL - Sludge			
Relinquished By	Date/Time	Received By	Date/Time					W - Water			
								O - Oil			
								A - Air			
								DS - Drum Solids			
								DL - Drum Liquids			
								T - Tissue			
								W1 - Wipe			
								L - Liquid			
								V - Vegetation			
								X - Other			

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Collector RT SICKLE (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
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Project Designation 200-ZP-1 IRM (Group 2) Groundwater Sampling--FY1997	Sampling Location 200-W	SAF No. C97-015
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Ice Chest No. SML-503	Field Logbook No. EFL-1111-6	Method of Shipment Hand Carried
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Shipped To Mobile Laboratory	Offsite Property No. NA	Bill of Lading/Air Bill No. NA
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POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																
	Type of Container	Gs*																
	No. of Container(s)	1																

Special Handling and/or Storage	Volume	40ml																
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SAMPLE ANALYSIS	VOA BY FIELD GC -- Chlorinated Hydrocarbon																	
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Sample No.	Matrix *	Sample Date	Sample Time																
BOJRF3	Water	2-21-97	10:07	X															

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS TOTAL ACTIVITY EXEMPT	Matrix *
Relinquished By RT SICKLE (RFS)	Date/Time 2-24-97 0930	Received By R. S. Still	Date/Time 2-24-97 0830
Relinquished By R.S. Still	Date/Time 2-24-97 0930	Received By R.D. Kessler	Date/Time 2-24-97 0930
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

- S - Soil
- SE - Sediment
- SO - Solid
- SL - Sludge
- W - Water
- O - Oil
- A - Air
- DS - Drum Solids
- DL - Drum Liquids
- T - Tissue
- WI - Wipe
- L - Liquid
- V - Vegetation
- X - Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Collector RT SICKLE (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 2) Groundwater Sampling--FY1997	Sampling Location 200-W	SAF No. C97-015		
Ice Chest No. SML-503	Field Logbook No. EFL-1111-6	Method of Shipment Hand Carried		
Shipped To Mobile Laboratory	Offsite Property No. NA	Bill of Lading/Air Bill No. NA		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		
Special Handling and/or Storage	Volume	40ml																		
SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		

Sample No.	Matrix *	Sample Date	Sample Time																	
B0JRF8	Water	2-21-97	0938	X																

CHAIN OF POSSESSION	Sign/Print Names				SPECIAL INSTRUCTIONS TOTAL ACTIVITY EXEMPT										Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other
	Relinquished By RT SICKLE (RFS)	Date/Time 2-24-97 0820	Received By RJ SICKLE	Date/Time 2-24-97 0930											
	Relinquished By RJ SICKLE	Date/Time 2-24-97 0930	Received By RJ KESSNER	Date/Time 2-24-97 0930											
	Relinquished By	Date/Time	Received By	Date/Time											

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Collector RF THORNTON (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. SIML 291	Field Logbook No. EPL-1112-5	Method of Shipment POST UETA		
Shipped To Mobile Laboratory	Offsite Property No. NA	Bill of Lading/Air Bill No. NA		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH < 2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		

Special Handling and/or Storage	Volume	40ml																		
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SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		
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Sample No.	Matrix *	Sample Date	Sample Time																		
B0JY21	Water	2-20-97	1315	X																	

CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS				Matrix *			
				** Total Activity Exempt.							
Relinquished By		Date/Time		Received By		Date/Time					
RF THORNTON (RFS)		2-20-97 1430		R2 Staff		2-20-97 1430					
Relinquished By		Date/Time		Received By		Date/Time					
R.S. Staff		2-24-97 0930		RB Kessner		2-24-97 0930					
Relinquished By		Date/Time		Received By		Date/Time					
Relinquished By		Date/Time		Received By		Date/Time					

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Pacific Northwest National Laboratory		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST						C97-014-11	Page 1 of 1
Collector RZ STEFFLER (RFS)		Company Contact J.H. KESSNER		Telephone No. (509) 372-9538		Project Coordinator Stewart, DL		Data Turnaround Field	
Project Designation 200-ZP-1 IRM (Group 1) Groundwater Sampling--FY1997		Sampling Location 200-W		SAF No. C97-014					
Ice Chest No. SMK-503		Field Logbook No. WHL-N-205 #63		Method of Shipment Hand Carried					
Shipped To Mobile Laboratory		Offsite Property No. NA		Bill of Lading/Air Bill No. NA					
POSSIBLE SAMPLE HAZARDS/REMARKS		Preservation		HCl to pH <2 Cooled to 4C					
		Type of Container		Gs*					
		No. of Container(s)		1					
Special Handling and/or Storage		Volume		40ml					
SAMPLE ANALYSIS				VOA BY FIELD GC -- Chlorinated Hydrocarbon					
Sample No.	Matrix *	Sample Date	Sample Time						
B0JRD4	Water	2-20-97	1220	X					
CHAIN OF POSSESSION		Sign/Print Names				SPECIAL INSTRUCTIONS			Matrix *
Relinquished By RZ STEFFLER (RFS)		Date Time 2-24-97 0430	Received By RB Kerkow		Date Time 2-24-97 0930				S Soil
Relinquished By		Date Time	Received By		Date Time				SE Sediment
Relinquished By		Date Time	Received By		Date Time				SL Solid
Relinquished By		Date Time	Received By		Date Time				ST Sludge
Relinquished By		Date Time	Received By		Date Time	W Water			
Relinquished By		Date Time	Received By		Date Time	O Oil			
Relinquished By		Date Time	Received By		Date Time	A Air			
Relinquished By		Date Time	Received By		Date Time	DS Drum Solids			
Relinquished By		Date Time	Received By		Date Time	DL Drum Liquids			
Relinquished By		Date Time	Received By		Date Time	T Tissue			
Relinquished By		Date Time	Received By		Date Time	WI Wipe			
Relinquished By		Date Time	Received By		Date Time	L Liquid			
Relinquished By		Date Time	Received By		Date Time	V Vegetation			
Relinquished By		Date Time	Received By		Date Time	X Other			
LABORATORY SECTION	Received By		Title			Date Time			
FINAL SAMPLE DISPOSITION	Disposal Method		Disposed By			Date Time			

Collector RF THORNTON (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 1) Groundwater Sampling--FY1997	Sampling Location 200-W	SAF No. C97-014		
Ice Chest No. SIM2 - 281	Field Logbook No. FIELD 112 - 5	Method of Shipment GOVT. VEH		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. NA		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH - 2 Cooled to 4C								
	Type of Container	Gs*								
	No. of Container(s)	1								
Special Handling and/or Storage	Volume	40ml								

SAMPLE ANALYSIS	VOA BY FIELD GC -- Chlorinated Hydrocarbon									
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Sample No.	Matrix *	Sample Date	Sample Time									
B0JXX3	Water	2-20-97	1052	X								

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix *	
Relinquished By RF Thornton (RFS)	Date Time 2-20-97 1430	Received By R. J. Kessler	Date Time 2-20-97 1430	<ul style="list-style-type: none"> S Soil SE Sediment SO Sludg SL Sludge W Water O Oil A Air DS Drum Solids DL Drum Liquids I Insur WI Wipe L Liquid V Vegetation X Other
Relinquished By R. J. Kessler	Date Time 2-24-97 0930	Received By RB Kerkow	Date Time 2-24-97 0930	
Relinquished By	Date Time	Received By	Date Time	
Relinquished By	Date Time	Received By	Date Time	

LABORATORY SECTION	Received By	Title	Date Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date Time

Collector
A. Rizzo

Company Contact
JH Kessner
Telephone No.
(509) 372-9538

Project Coordinator
Stewart, DL

Data Turnaround
Field

Project Designation
200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997

Sampling Location
200W

SAF No.
C97-018

Ice Chest No.
SML 431

Field Logbook No.
WHC-N-2057E3

Method of Shipment
Hand Delivered

Shipped To
Mobile Laboratory

Offsite Property No.

Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation	HCl to pH <2 Cooled to 4C																		
Type of Container	Gs*																		
No. of Container(s)	1																		

Special Handling and/or Storage

Volume	40ml																		
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SAMPLE ANALYSIS

VOA BY FIELD GC -- Chlorinated Hydrocarbon																			
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Sample No.	Matrix *	Sample Date	Sample Time																
BOJY15	Water	2-3-97	0955	X															

CHAIN OF POSSESSION	Sign/Print Names	
Relinquished By <i>A. Rizzo (RPS)</i>	Date Time 2/4/97 1108	Received By <i>R. Steffler</i>
Relinquished By <i>R. Steffler</i>	Date Time 2-5-97 0750	Received By <i>R. Steffler / RT LUTMAN</i>
Relinquished By	Date Time	Received By
Relinquished By	Date Time	Received By

SPECIAL INSTRUCTIONS	Matrix *
** Total Activity Exempt	S Soil
	SE Sediment
	SO Solid
	SI Sludge
	W Water
	O Oil
	A Air
	DS Drum Solids
	DI Drum Liquids
	T Tissue
	WI Wipe
	L Liquid
	V Vegetation
	X Other

LABORATORY SECTION Received By Title Date Time

FINAL SAMPLE DISPOSITION Disposal Method Disposed By Date Time

Pacific Northwest National Laboratory		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST						C97-018-9		Page 1 of 1		
Collector RT SICKLE (RFS)			Company Contact JH Kessner		Telephone No. (509) 372-9538		Project Coordinator Stewart, DL		Data Turnaround Field			
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997			Sampling Location 200W			SAF No. C97-018						
Ice Chest No. N/A			Field Logbook No. ERL-1111-6			Method of Shipment Geo Van						
Shipped To Mobile Laboratory			Offsite Property No. N/A			Bill of Lading/Air Bill No. N/A						
POSSIBLE SAMPLE HAZARDS/REMARKS N/A			Preservation		HCl to pH <2 Cooked to 4C							
			Type of Container		Gs*							
			No. of Container(s)		1							
Special Handling and/or Storage Maintain @ 4°C			Volume		40ml							
SAMPLE ANALYSIS					VOA BY FIELD GC - Chlorinated Hydrocarbon							
Sample No.		Matrix *	Sample Date	Sample Time								
B0JY23		Water	2-27-97	0946	X							
CHAIN OF POSSESSION		Sign/Print Names				SPECIAL INSTRUCTIONS ** Total Activity Exempt.					Matrix *	
Relinquished By RT SICKLE (RFS)		Date/Time 2-27-97 1430	Received By RB Kerkow		Date/Time 2-27-97 1430							S - Soil
Relinquished By		Date/Time	Received By		Date/Time							SE - Sediment
Relinquished By		Date/Time	Received By		Date/Time							SO - Solid
Relinquished By		Date/Time	Received By		Date/Time							SL - Sludge
Relinquished By		Date/Time	Received By		Date/Time							W - Water
Relinquished By		Date/Time	Received By		Date/Time							O - Oil
Relinquished By		Date/Time	Received By		Date/Time							A - Air
Relinquished By		Date/Time	Received By		Date/Time							DS - Drum Solids
Relinquished By		Date/Time	Received By		Date/Time							DL - Drum Liquids
Relinquished By		Date/Time	Received By		Date/Time							T - Tissue
Relinquished By		Date/Time	Received By		Date/Time							WI - Wipe
Relinquished By		Date/Time	Received By		Date/Time							L - Liquid
Relinquished By		Date/Time	Received By		Date/Time							V - Vegetation
Relinquished By		Date/Time	Received By		Date/Time							X - Other
LABORATORY SECTION	Received By		Title				Date/Time					
FINAL SAMPLE DISPOSITION	Disposal Method		Disposed By				Date/Time					

Pacific Northwest National Laboratory		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST						C97-018-2	Page 1 of 1
Collector RT SICKLE (RES)		Company Contact JH Kessner		Telephone No. (509) 372-9538		Project Coordinator Stewart, DL		Data Turnaround Field	
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997		Sampling Location 200W		SAF No. C97-018					
Ice Chest No. N/A		Field Logbook No. EFL-1111-6		Method of Shipment Gas Can					
Shipped To Mobile Laboratory		Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A					
POSSIBLE SAMPLE HAZARDS/REMARKS N/A		Preservation	HCl to pH <2 Cooled to 4C						
		Type of Container	Gs*						
		No. of Container(s)	1						
Special Handling and/or Storage Maintenance 87		Volume	40ml						
SAMPLE ANALYSIS			VOA BY FIELD GC - Chlorinated Hydrocarbon						
Sample No.	Matrix *	Sample Date	Sample Time						
BOJY16	Water	2-27-97	1246	X					
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS ** Total Activity Exempt.				Matrix *	
Relinquished By RT SICKLE (RES)	Date/Time 2-27-97 1430	Received By RB Kerkow	Date/Time 2-27-97						
Relinquished By	Date/Time	Received By	Date/Time						
Relinquished By	Date/Time	Received By	Date/Time						
Relinquished By	Date/Time	Received By	Date/Time						
LABORATORY SECTION	Received By	Title	Date/Time						
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time						

- S - Soil
- SE - Sediment
- SO - Solid
- SI - Sludge
- W - Water
- O - Oil
- A - Air
- DS - Drum Solids
- DL - Drum Liquids
- T - Tissue
- WI - Wipe
- L - Liquid
- V - Vegetation
- X - Other

Collector RT SICKLE (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. N/A	Field Logbook No. EFL-1111-G	Method of Shipment Geo Van		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS N/A	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		
Special Handling and/or Storage Maintain @ 4°C	Volume	40ml																		
SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		

Sample No.	Matrix *	Sample Date	Sample Time																		
80JY29	Water	2-27-97	1246	7																	

CHAIN OF POSSESSION	Sign/Print Names		SPECIAL INSTRUCTIONS ** Total Activity Exempt.										Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue W1 - Wipe L - Liquid V - Vegetation X - Other		
	Relinquished By RT SICKLE (RFS)	Date/Time 2-27-97 1430	Received By RB Kerlow	Date/Time 2-27-97											
	Relinquished By	Date/Time	Received By	Date/Time											
	Relinquished By	Date/Time	Received By	Date/Time											
	Relinquished By	Date/Time	Received By	Date/Time											

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Pacific Northwest National Laboratory		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST						C97-014-9	Page 1 of 1
Collector RT SICKLE (RFS)		Company Contact J.H KESSNER		Telephone No. (509) 372-9538		Project Coordinator Stewart, DL		Data Turnaround Field	
Project Designation 200-ZP-1 IRM (Group 1) Groundwater Sampling--FY1997		Sampling Location 200-W		SAF No. C97-014					
Ice Chest No. N/A		Field Logbook No. EFL-1111-0 PAGE 26		Method of Shipment Gov. Velocity					
Shipped To Mobile Laboratory		Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A					
POSSIBLE SAMPLE HAZARDS/REMARKS		Preservation	HCl to pH = 2 Cooled to 4C						
		Type of Container	Gs*						
		No. of Container(s)	1						
Special Handling and/or Storage		Volume	40ml						
SAMPLE ANALYSIS			VOA BY FIELD GC -- Chlorinated Hydrocarbon						
Sample No.	Matrix *	Sample Date	Sample Time						
BOJRD2	Water	FEB 24 1997	1053						
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS				Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation N - Other	
Relinquished By RT SICKLE (RFS)	Date Time 2-24-97 1340	Received By RB Kerlan	Date Time 2-24-97 1340						
Relinquished By	Date Time	Received By	Date Time						
Relinquished By	Date Time	Received By	Date Time						
Relinquished By	Date Time	Received By	Date Time						
LABORATORY SECTION	Received By	Title						Date Time	
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By				Date Time			

Collector PT SICKLE (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 1) Groundwater Sampling--FY1997	Sampling Location 200-W	SAF No. C97-014		
Ice Chest No. N/A	Field Logbook No. EFL-1111-6 PAGE 89	Method of Shipment GUL. VEHICLE		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		
Special Handling and/or Storage	Volume	40ml																		
SAMPLE ANALYSIS		VOA BY FIELD GC -- Chlorinated Hydrocarbon																		

Sample No.	Matrix *	Sample Date	Sample Time																	
80JRDS /	Water	HEB 26 1997	1036	✓																

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	
Relinquished By PT SICKLE (RFS)	Date/Time 2-26-97 1220	Received By <i>RB Kerk</i>	Date/Time 1220
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

- Matrix ***
- S - Soil
 - SE - Sediment
 - SO - Solid
 - SL - Sludge
 - W - Water
 - O - Oil
 - A - Air
 - DS - Drum Solids
 - DL - Drum Liquids
 - T - Tissue
 - WI - Wipe
 - L - Liquid
 - V - Vegetation
 - X - Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Collector RT SICKLE (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 2) Groundwater Sampling-FY1997	Sampling Location 200-W	SAF No. C97-015		
Ice Chest No. N/A	Field Logbook No. EFL-1111-6 PAGE EC	Method of Shipment Gov. Vehicle		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <3 Cooled to 4C										
	Type of Container	Gs*										
	No. of Container(s)	1										
Special Handling and/or Storage	Volume	40ml										
SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon										

Sample No.	Matrix *	Sample Date	Sample Time									
BOJYW7	Water	FEB 24 1997	1156	✓								

CHAIN OF POSSESSION	Sign/Print Names			SPECIAL INSTRUCTIONS *TOTAL ACTIVITY RESULTS NEEDED- EXEMPT CFR 2-20-97	Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other	
	Relinquished By RT SICKLE (RFS)	Date/Time 2-24-97 1340	Received By RB Kerkow			Date/Time 2-24-97 1340
	Relinquished By	Date/Time	Received By			Date/Time
	Relinquished By	Date/Time	Received By			Date/Time
	Relinquished By	Date/Time	Received By			Date/Time

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Collector RT SICKLE (RFS)	Company Contact J.H. KESSNER	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 2) Groundwater Sampling-FY1997	Sampling Location 200-W	SAF No. C97-015		
Ice Chest No. N/A	Field Logbook No. EFL-1111-6 PAGE 66	Method of Shipment CAR VEHICLE		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		
Special Handling and/or Storage	Volume	40ml																		
SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		

Sample No.	Matrix*	Sample Date	Sample Time																	
B0JYW5	Water	FEB 24 1997	1304	✓																

CHAIN OF POSSESSION	Sign/Print Names				SPECIAL INSTRUCTIONS TOTAL ACTIVITY RESULTS NEEDED EXEMPT <i>AS per 2-20-97</i>										Matrix* S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other	
	Relinquished By RT SICKLE (RFS)	Date/Time 1340	Received By <i>RB Kerker</i>	Date/Time 1340												
		24-97	RB Kerker	2-21-97												
	Relinquished By	Date/Time	Received By	Date/Time												
	Relinquished By	Date/Time	Received By	Date/Time												

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Collector RT SICKLE (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Date Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. N/A	Field Logbook No. EFL-1111-G PAGE 89	Method of Shipment COV. VEHICLE		
Shipped To Mobile Laboratory	Offsite Property No. N/A	Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		

Special Handling and/or Storage	Volume	40ml																		
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SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		
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Sample No.	Matrix *	Sample Date	Sample Time																	
B0JY24 ✓	Water	FEB 26 1997	1141	✓																

CHAIN OF POSSESSION	Sign/Print Names		SPECIAL INSTRUCTIONS ** Total Activity Exempt.												Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue W1 - Wipe L - Liquid V - Vegetation X - Other		
	Relinquished By RT SICKLE (RFS)	Date/Time 2-26-97	Received By RB Kerkow	Date/Time 2-26-97													
	Relinquished By	Date/Time	Received By	Date/Time													
	Relinquished By	Date/Time	Received By	Date/Time													
	Relinquished By	Date/Time	Received By	Date/Time													

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

C O U N T Y

Collector RT SICKLE (RFS)	Company Contact JH Kessner	Telephone No. (509) 372-9538	Project Coordinator Stewart, DL	Data Turnaround Field
Project Designation 200-ZP-1 IRM (Group 3) Groundwater Sampling FY1997	Sampling Location 200W	SAF No. C97-018		
Ice Chest No. NA	Field Logbook No. EFL-1111-6	Method of Shipment Gen Vech		
Shipped To Mobile Laboratory	Offsite Property No. NA	Bill of Lading/Air Bill No. NA		

POSSIBLE SAMPLE HAZARDS/REMARKS NA	Preservation	HCl to pH <2 Cooled to 4C																		
	Type of Container	Gs*																		
	No. of Container(s)	1																		
Special Handling and/or Storage None @ 4C	Volume	40ml																		
SAMPLE ANALYSIS		VOA BY FIELD GC - Chlorinated Hydrocarbon																		

Sample No.	Matrix *	Sample Date	Sample Time																		
B0JY25 ✓	Water	2-27-97	1043	X																	

CHAIN OF POSSESSION	Sign/Print Names				SPECIAL INSTRUCTIONS ** Total Activity Exempt										Matrix * S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other	
	Relinquished By RT SICKLE (RFS)	Date/Time 2-27-97 1430	Received By RB Kerkow	Date/Time 2-27-97												
	Relinquished By	Date/Time	Received By	Date/Time												
	Relinquished By	Date/Time	Received By	Date/Time												
	Relinquished By	Date/Time	Received By	Date/Time												

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

10000