W03166

Quanterra

0053546

Quanterra
2800 George Washington Way
Richland, Washington 99352-1613

509 375-3131 Telephone
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CERTIFICATE OF ANALYSIS

Bechtel Hanford, Inc.
3350 George Washington Way
Richland, WA 99352

May 22, 2000

Attention: Joan Kessner

MAY 2000 RECEIVED Data Log In

SAF Number	:	B00-049
Date SDG Closed	:	May 3, 2000
Number of Samples	:	Two (2)
Sample Type	:	Water
SDG Number	:	W03166
Data Deliverable	:	21 Day / Summary

RECEIVED AUG 17 2000 EDMC

I. Introduction

On May 3, 2000, two water samples were received at STL Richland (STLR) for chemical analysis. Upon receipt, the samples were assigned the following laboratory ID numbers to correspond with the Bechtel Hanford, Inc. (BHI) specific IDs:

STLR ID#	BHI ID#	MATRIX	DATE OF RECEIPT
9DCPE110	B0Y3V7	WATER	5/3/00
9DCPE310	B0Y3V9	WATER	5/3/00

II. Analytical Results/Methodology

The analytical results for this report are presented by laboratory sample ID. Each set of data includes sample identification information, analytical results and the appropriate associated statistical errors.

The requested analysis was: **Chemical Analyses**
Chromium Hex by EPA method 7196

III. Quality Control

The analytical results for each analysis performed under SDG W03166 include a minimum of one Laboratory Control Sample (LCS), one method (reagent) blank, and one duplicate sample analysis. Any exceptions have been noted in the "Comments" section.

Quality control sample results are reported in mg/L.

IV. Comments

Chemical Analyses

Chromium Hex by EPA method 7196:

The LCS, batch blank, sample, sample duplicate (B0Y3V9) and sample matrix spike/matrix spike duplicate (B0Y3V9) results are within contractual requirements.

I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the following signature.

Reviewed and approved:

Jackie Waddell

Jackie Waddell
Project Manager

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SAMPLE RESULTS

LAB NAME:	**STL Richland**		**SDG: /RPT GRP:**	W03166 / 10525
LOT,RPT DB ID:	-	9DCPE1110	**MATRIX:**	WATER
CLIENT ID:	B0Y3V7		**DATE RECEIVED:**	5/3/2000 2:50:00 PM

ANALYTE	RESULT	Q	COUNTING ERROR (2 s)	TOTAL ERROR (2 s)	MDA/IDL	RPT UNIT	YIELD	METHOD NUMBER	WORK ORDE	BAT-CH
HEXCHROME	1.00E-03	U	N/A	N/A	2.00E-03	mg/L	N/A	EPA7196		

Number of Results: 1

Result = IDL When Not Detected

(Q)ualifiers: U = Analyte result < MDA/IDL,
J = No U qualifier and result <

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rptChemRadSample; v3.41

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SAMPLE RESULTS

LAB NAME:	**STL Richland**		**SDG: /RPT GRP:**	W03166 / 10525
LOT,RPT DB ID:	-	9DCPE310	**MATRIX:**	WATER
CLIENT ID:	B0Y3V7		**DATE RECEIVED:**	5/3/2000 2:50:00 PM

ANALYTE	RESULT	Q	COUNTING ERROR (2 s)	TOTAL ERROR (2 s)	MDA/IDL	RPT UNIT	YIELD	METHOD NUMBER	WORK ORDE	BAT-CH
HEXCHROME	1.00E-02		N/A	N/A	2.00E-03	mg/L	N/A	EPA7196		

Number of Results: 1

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DUPLICATE RESULTS

LAB NAME:	**STL Richland**		**SDG: /RPT GRP:**	W03166 / 10525
LOT,RPT DB ID:	-	DCPE314R	**MATRIX:**	WATER
CLIENT ID:	B0Y3V9		**DATE RECEIVED:**	5/3/2000 2:50:00 P
ORIG LAB ID:	9DCPE310			

ANALYTE	DUP RESULT	Q	COUNTING ERROR (2 s)	TOTAL ERROR (2 s)	MDA/ IDL	REPORT UNIT	YIELD	METHOD NUMBER	ORIG RESULT	RPD
HEXCHROME	1.00E-02		N/A	N/A	2.00E-03	mg/L	N/A	EPA7196	1.00E-02	0.00%

Number of Results: 1

Result = IDL When Not Detecte

(Q)ualifiers: U = Analyte result < MDA/IDL,
J = No U qualifier and result < RDL.

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rptChemRadDup; v3.41

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BLANK RESULTS

LAB NAME: STL Richland **SDG /RPT GRP:** W03166 / 10525

LOT,RPT DB ID: - DCRCK11B **MATRIX:** WATER

ANALYTE	RESULT	Q	COUNTING ERROR (2s)	TOTAL ERROR (2s)	MDA/IDL	RPT UNIT	YIELD	METHOD NUMBER	WORK ORDE	BAT-CH
HEXCHROME	1.00E-03	U	N/A	N/A	2.00E-03	mg/L	N/A	EPA7196		

Number of Results: 1

Result = IDL When Not Detected

(Q)ualifiers: U = Analyte result < MDA/IDL,
J = No U qualifier and result < RDL

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LABORATORY CONTROL SAMPLE

LAB NAME:	**STL Richland**	**SDG: /RPT GRP:**	W03166 / 10525
LAB SAMPLE ID:	DCRCK12S	**MATRIX:**	WATER

ANALYTE	RESULT	Q	COUNTING ERROR (2 s)	TOTAL ERROR (2 s)	MDA/ IDL	REPORT UNIT	YIELD	EXPECTED	RECOVERY
HEXCHROME	4.92E-01		N/A	N/A	2.00E-03	mg/L	N/A	5.00E-01	98.40%

Number of Results: 1

Result = IDL When Not Detecte

(Q)ualifiers: U = Analyte result < MDA/IDL,
J = No U qualifier and result < RDL.

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rptChemRadLcs; v3.41

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MATRIX SPIKE RESULTS

LAB NAME:	**STL Richland**	**SDG: /RPT GRP:**	W03166	/ 10525	
LAB SAMPLE ID:	DCPE312W	**MATRIX:**	WATER		

ANALYTE	SPIKE RESULT*	Q	COUNTING ERROR (2 s)	TOTAL ERROR (2 s)	MDA/IDL	REPORT UNIT	SAMPLE RESULT	EXPECTED	RECOVERY
HEXCHROME	5.29E-01		N/A	N/A	2.00E-03	mg/L	1.00E-02	5.26E-01	100.57%

Number of Results: 1

*Spike Result Corrected For Sample Result

Result = IDL When Not Detecte

(Q)ualifiers: U = Analyte result < MDA/IDL,
J = No U qualifier and result < RDL.

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rptChemRadMatrixSpike; v3.41

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MATRIX SPIKE RESULTS

LAB NAME:	**STL Richland**	**SDG: /RPT GRP:**	W03166	/ 10525
LAB SAMPLE ID:	DCPE313W	**MATRIX:**	WATER	

ANALYTE	SPIKE RESULT*	Q	COUNTING ERROR (2 s)	TOTAL ERROR (2 s)	MDA/IDL	REPORT UNIT	SAMPLE RESULT	EXPECTED	RECOVERY
HEXCHROME	5.25E-01		N/A	N/A	2.00E-03	mg/L	1.00E-02	5.26E-01	99.81%

Number of Results: 1

*Spike Result Corrected For Sample Result

Result = IDL When Not Detecte

(Q)ualifiers: U = Analyte result < MDA/IDL,
J = No U qualifier and result < RDL.

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rptChemRadMatrixSpike; v3.41

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Richland Laboratory
Data Review Check List
METALS

Work Order Number(s): DCPE3101, DCPE1, BATCH # 0126138 LOT JOE030246001

Lab Sample Numbers or SDG: W03166

Method/Test/Parameter: CR+6 in Water RICHWC5003 R.4

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Level Review (✓)
A. Initial Calibration				
1. Performed at required frequency wih required number of levels?	✓			✓
2. Correlation coefficient within QC limits?	✓			✓
3. Initial calibration verification (ICV) analyzed immediately after calibration and results within QC limits?	✓			✓
4. Initial calibration blank(ICB) analyzed immediately after ICV and concentrations of all parameters ≤ reporting limit?	✓			✓
B. Continuing Calibration				
1. CCV analyzed at required frequency and all parameters within QC limits?	✓			✓
2. CCB analyzed at required frequency and all results ≤ reporting limit?	✓			✓
C. Sample Analysis				
1. Were any samples with concentrations above the linear range for any parameter diluted and reanalyzed?			✓	✓
2. Were all sample holding times met?	✓			✓
D. QC Samples				
1. All results for the preparation blank below limits?	✓			✓
2. MS or MS/MSD recoveries within QC limits and %RPD (for MSD) acceptable?	✓			✓
3. LCS percent recovery within QC limits and %RPD (for LCSD) acceptable?	✓			✓
4. Analytical spikes within QC limits where applicable?			✓	✓
5. ICP only: One serial dilution performed per SDG?			✓	✓
6. ICP only: CRDL standard (CRI or CRA) analyzed at required frequency?			✓	✓
7. ICP only: Interference check samples (ICSA, ICSAB) and HICAL analyzed at the required frequencies and within QC limits?			✓	✓

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Level Review (✓)
E. Other				
1. Are all nonconformances included and noted?			✓	✓
2. Is the correct date and time of analysis shown?	✓			✓
3. Did the analyst sign and date the front page of the analytical run?	✓			✓
4. Correct methodology used?	✓			✓
5. Transcriptions checked?	✓			✓
6. Calculations checked at minimum frequency?	✓			✓
7. Units checked?	✓			✓

Comments on any "No" response:

Analyst: Martha Sabri Date: 5/8/00

Second-Level Review: Rosie Ross Date: 5/8/00

Form No. CG-191, Rev. 2, 1/97

CHAIN OF CUSTODY

Q-27023

Bechtel Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	B00-049-02	Page 1 of 1

Collector R. Nielson/M. Stankovich	Company Contact M. Stankovich	Telephone No. 531-7620	Project Coordinator TRENT, SJ
Project Designation Borehole Drilling at 116-H-1 Trench - WATER	Sampling Location 116-H-1		SAF No. B00-049
Ice Chest No.	Field Logbook No. EL-1500-1	COA R116H12000	Method of Shipment Hand deliver - Govt vehicle
Shipped To Severn Trent Incorporated	Offsite Property No.		Bill of Lading/Air Bill No.

Price Code 7L

Air Quality ☐

Data Turnaround 21 Days

POSSIBLE SAMPLE HAZARDS/REMARKS

Special Handling and/or Storage

SDL

W03166

SAMPLE ANALYSIS

Due 5-24

JOE030246

Preservation	None	Cool 4C									
Type of Container	P	P									
No. of Container(s)	1	1									
Volume	20mL	500mL									
	Activity Scan	Chromium Hex - 7196									

Sample No.	Matrix *	Sample Date	Sample Time										
B0Y3V7 DCPE1	Water	5-2-00	~~1100~~ 1110	X	X								
B0Y3V9 DCPE3	Water	5-2-00	1125	X	X								

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix *
Relinquished By R.Nielson/R.Nielson Date/Time 5/3/00 1400	Received By R.Fally/R.Fally Date/Time 5-3-00 1400	Historical data shows < 2,000 pci/gm.	S=Soil SE=Sediment SO=Solid S=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 R.Fally/R.Fally Date/Time 5-3-00 1450	Received By [illegible] Date/Time 5-3-00 1450		
Relinquished By Date/Time	Received By Date/Time		
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

BHI-EE-011 (10/99)

0014

CLASS	WELL_NAME	SDG_N	SAMP_NU	METHOD_NAME	CASCON_ID	CONTDNG_NAM	VALUE_RPTD	ANAL_QUAL	VAR_VALE
RAD	199-H4-62	B05WN	B05WN9	GAMMA_GS	10045-97-3	Cesium-137	0.29 pCi/g	J	
RAD	199-H4-62	B05WN	B05WN9	GAMMA_GS	TH-232	Thorium-232	1.1 pCi/g	J	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	13982-63-3	Radium-226	0.5 pCi/g	J	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	13966-00-2	Potassium-40	11 pCi/g	J	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	13982-39-3	Zinc-65	0.32 pCi/g	UJ	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	TH-232	Thorium-232	0.39 pCi/g	J	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	10045-97-3	Cesium-137	0.093 pCi/g	UJ	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	14392-02-0	Chromium-51	19 pCi/g	UJ	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	10198-40-0	Cobalt-60	0.1 pCi/g	UJ	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	14274-82-9	Thorium-228	0.73 pCi/g	J	
RAD	199-H4-62	B05WN	B05WP0	GAMMA_GS	13967-70-9	Cesium-134	0.12 pCi/g	UJ	
RAD	199-H4-63	H0606	B0WR60	900.0_ALPHABETA	12587-46-1	Gross alpha	3.22 pCi/L		199-H4-63
RAD	199-H4-63	H0606	B0WR60	900.0_ALPHABETA	12587-47-2	Gross beta	120 pCi/L		DOWN GRADIENT WE
RAD	199-H4-63	H0606	B0WR60	906.0_H3_LSC	10028-17-8	Tritium	3020 pCi/L		
RAD	199-H4-63	H0606	B0WR60	SRISO_SEP_PRECI	10098-97-2	Strontium-90	52.5 pCi/L		
RAD	199-H4-63	H0606	B0WR60	TC99_TR_SEP_LSC	14133-76-7	Technetium-99	1.85 pCi/L	U	
RAD	199-H4-63	H0606	B0WR60	UTOT_KPA	7440-61-1	Uranium	5.81 ug/L		
RAD	199-H4-63	H0606	B0WR62	900.0_ALPHABETA	12587-47-2	Gross beta	70.8 pCi/L		
RAD	199-H4-63	H0606	B0WR62	900.0_ALPHABETA	12587-46-1	Gross alpha	1.6 pCi/L	U	HIGHEST ACTIVITY
RAD	199-H4-63	H0606	B0WR62	906.0_H3_LSC	10028-17-8	Tritium	3240 pCi/L		
RAD	199-H4-63	H0606	B0WR62	SRISO_SEP_PRECI	10098-97-2	Strontium-90	55.3 pCi/L		
RAD	199-H4-63	H0606	B0WR62	TC99_TR_SEP_LSC	14133-76-7	Technetium-99	4.34 pCi/L	U	< 4 pCi/g H_3
RAD	199-H4-63	H0606	B0WR62	UTOT_KPA	7440-61-1	Uranium	5.38 ug/L		
RAD	199-H4-63	UNKNO	B0W346	SRISO_SEP_PRECI	10098-97-2	Strontium-90	31.4 pCi/L		
RAD	199-H4-63	W01245	B0JCJ4	SRTOT_SEP_PREC	SR-RAD	Total beta radiostro	38.7 pCi/L		
RAD	199-H4-63	W01245	B0JCJ4	TC99_SEP_LSC	14133-76-7	Technetium-99	74 pCi/L		
RAD	199-H4-63	W01245	B0JCJ4	TRITIUM_DIST_LSC	10028-17-8	Tritium	1070 pCi/L		
RAD	199-H4-63	W01566	B0K4L0	SRISO_SEP_PRECI	10098-97-2	Strontium-90	51.2 pCi/L		
RAD	199-H4-63	W02031	B0M821	SRTOT_SEP_PREC	SR-RAD	Total beta radiostro	44.2 pCi/L		
RAD	199-H4-63	W02031	B0M821	TC99_SEP_LSC	14133-76-7	Technetium-99	30.1 pCi/L		
RAD	199-H4-63	W02031	B0M821	TRITIUM_DIST_LSC	10028-17-8	Tritium	1390 pCi/L		
RAD	199-H4-63	W02031	B0M821	UTOT_KPA	7440-61-1	Uranium	5.27 ug/L		
RAD	199-H4-63	W02301	B0NCM7	SRISO_SEP_PRECI	10098-97-2	Strontium-90	50 pCi/L		
RAD	199-H4-63	W02592	B0T046	SRISO_SEP_PRECI	10098-97-2	Strontium-90	45.2 pCi/L		
RAD	199-H4-63	W02592	B0T046	TC99_SEP_LSC	14133-76-7	Technetium-99	6.1 pCi/L	U	
RAD	199-H4-63	W02592	B0T046	TRITIUM_ELECT_L	10028-17-8	Tritium	3150 pCi/L		
RAD	199-H4-63	W02592	B0T046	UTOT_KPA	7440-61-1	Uranium	4.85 ug/L		
RAD	199-H4-63	W02592	B0T115	ALPHA_GPC	12587-46-1	Gross alpha	3.35 pCi/L		

CLASS	WELL_NAME	SDG_N	SAMP_NU	METHOD_NAME	CON_ID	CON_LONG_NAM	VALUE_RPTD	ANA_QUAL
RAD	199-H4-63	W02592	B0T115	BETA_GPC	12587-47-2	Gross beta	101 pCi/L	
RAD	199-H4-63	W02674	B0TP59	SRISO_SEP_PRECI	10098-97-2	Strontium-90	27 pCi/L	
RAD	199-H4-63	W02674	B0TP59	TC99_SEP_LSC	14133-76-7	Technetium-99	13.1 pCi/L	J
RAD	199-H4-63	W02759	B0VC00	SRISO_SEP_PRECI	10098-97-2	Strontium-90	23.8 pCi/L	
RAD	199-H4-63	W02937	B0WRM7	SRISO_SEP_PRECI	10098-97-2	Strontium-90	48.2 pCi/L	
RAD	199-H4-64	H0624	B0WR54	900.0_ALPHABETA	12587-47-2	Gross beta	3.9 pCi/L	
RAD	199-H4-64	H0624	B0WR54	900.0_ALPHABETA	12587-46-1	Gross alpha	1.63 pCi/L	
RAD	199-H4-64	H0624	B0WR54	906.0_H3_LSC	10028-17-8	Tritium	1860 pCi/L	
RAD	199-H4-64	H0624	B0WR54	SRISO_SEP_PRECI	10098-97-2	Strontium-90	-0.047 pCi/L	U
RAD	199-H4-64	H0624	B0WR54	TC99_TR_SEP_LSC	14133-76-7	Technetium-99	-5.48 pCi/L	U
RAD	199-H4-64	H0624	B0WR54	UTOT_KPA	7440-61-1	Uranium	2.42 ug/L	
RAD	199-H4-64	W01245	B0JCJ6	SRTOT_SEP_PREC	SR-RAD	Total beta radiostro	-0.0533 pCi/L	U
RAD	199-H4-64	W01245	B0JCJ6	TC99_SEP_LSC	14133-76-7	Technetium-99	0.00648 pCi/L	U
RAD	199-H4-64	W01245	B0JCJ6	TRITIUM_DIST_LSC	10028-17-8	Tritium	1730 pCi/L	
RAD	199-H4-64	W02031	B0M823	SRTOT_SEP_PREC	SR-RAD	Total beta radiostro	0.234 pCi/L	U
RAD	199-H4-64	W02031	B0M823	TC99_SEP_LSC	14133-76-7	Technetium-99	7.81 pCi/L	U
RAD	199-H4-64	W02031	B0M823	TRITIUM_DIST_LSC	10028-17-8	Tritium	1750 pCi/L	
RAD	199-H4-64	W02031	B0M823	UTOT_KPA	7440-61-1	Uranium	2.83 ug/L	
RAD	199-H4-64	W02592	B0T050	SRISO_SEP_PRECI	10098-97-2	Strontium-90	0.168 pCi/L	U
RAD	199-H4-64	W02592	B0T050	TC99_SEP_LSC	14133-76-7	Technetium-99	-1.48 pCi/L	U
RAD	199-H4-64	W02592	B0T050	TRITIUM_ELECT_L	10028-17-8	Tritium	2590 pCi/L	
RAD	199-H4-64	W02592	B0T050	UTOT_KPA	7440-61-1	Uranium	2.94 ug/L	
RAD	199-H4-64	W02592	B0T051	SRISO_SEP_PRECI	10098-97-2	Strontium-90	0.0793 pCi/L	U
RAD	199-H4-64	W02592	B0T051	TC99_SEP_LSC	14133-76-7	Technetium-99	2.27 pCi/L	U
RAD	199-H4-64	W02592	B0T051	TRITIUM_ELECT_L	10028-17-8	Tritium	2810 pCi/L	
RAD	199-H4-64	W02592	B0T051	UTOT_KPA	7440-61-1	Uranium	2.97 ug/L	
RAD	199-H4-64	W02592	B0T118	ALPHA_GPC	12587-46-1	Gross alpha	1.88 pCi/L	J
RAD	199-H4-64	W02592	B0T118	BETA_GPC	12587-47-2	Gross beta	8.41 pCi/L	
RAD	199-H4-64	W02592	B0T119	ALPHA_GPC	12587-46-1	Gross alpha	1.67 pCi/L	J
RAD	199-H4-64	W02592	B0T119	BETA_GPC	12587-47-2	Gross beta	8.19 pCi/L	
RAD	199-H4-64	W02708	B0TWC2	TC99_SEP_LSC	14133-76-7	Technetium-99	-3.83 pCi/L	U

0016

Figure 1. Sample Check-in List

Date/Time Received: 5/3 1450 SDG#: W03166

Work Order Number: DE030246 SAF#: B00-049

Shipping Container ID: N/A Chain of Custody #: B00-049-02

1. Outermost shipping container damaged? Yes [] No [✓]

2. Custody Seals on shipping container intact? Yes [✓] No []

3. Custody Seals dated and signed? Yes [✓] No []

4. Chain-of-Custody record present? Yes [✓] No []

5. Chain-of-Custody includes the following information:
   - Client name Yes [✓] No []
   - Project name or number Yes [✓] No []
   - Sample date/time for each sample Yes [✓] No []
   - Container types, sizes and number of containers Yes [✓] No []
   - Short description of sample, i.e., matrix Yes [✓] No []
   - Analyses requested Yes [✓] No []
   - Preservation used or "none" or N/A if not applicable Yes [✓] No []
   - Date and time of relinquish and receipt Yes [✓] No []
   - Signatures of those persons relinquishing and receiving Yes [✓] No []

6. Sample numbers on chain of custody match those on sample containers? Yes [✓] No []

7. Collection date and date of laboratory receipt are within project specific holding time requirements? Yes [✓] No []

8. Cooler temperature: _____

9. Vermiculite/packing materials is: Wet [] Dry [✓]

10. Samples have: ✓ tape ✓ hazard labels ✓ custody seals ✓ appropriate sample labels

11. Samples are: ✓ in good condition ____ leaking ____ broken ____ have air bubbles

12. Were any anomalies identified in sample receipt? Yes [] No []

13. Description of anomalies (include sample numbers): _____

Sample Custodian/Laboratory: [signature] Date: 5/3/00 1450

Telephone/Fax/E:mailed to: _____ On _____ By _____

(R) 5/9/00

CLIENT CODE ID	MATRIX	RECEIVED	DETECTOR	ACQ DATE	SAMPLE	MINUTES	CNTS A	NET CPM A	CNTS B	NET CPM B
BIII B0Y3V9DCPE3		5/4/2000 1:19:00 PM	QUAD22C	5/8/2000 4:39:26 PM	B0Y3V9DCPE3	30	3	0.005	60	0.94833333
DCPE3	LIQUID		Bkg:	5/5/2000 2:44:27 AM	BKG	600	57	0.095	631	1.05166667

Anl Date:	5/9/00	Tot Sa, Alq:	5.00E-01	,	1.00E+01	Alp;	(Dpm/	-1.93E-02	(uCi/	-4.36E-07	(pCi/	-8.71E-01	+ 2.1E+01	CAT	5.0E-01	Lab Alq
Ppt mg:	3.7	Units:	L	,	ml	Bet;	Alq):	1.78E+00	Sa):	4.01E-05	L|g):	8.01E+01	+ 2.2E+01	I	6.2E-01	L|g

RQC050

Severn Trent Laboratories, Inc.
WET CHEM BATCHSHEET

Run Date: 5/05/00
Time: 7:00:07

PRODUCTION FIGURES - WET CHEM

TOTAL NUMBER	SAMPLE NUMBER	QC	RE-RUN MATRIX	RE-RUN OTHER	MISC NUMBER	TOTAL HOURS	EXPANDED DELIVERABLE

METHOD: EA Hexavalent Chromium 6A)
QC BATCH #: **0126128**
PREP DATE: 5/04/00
USER: ROSSR

INITIALS:
PREP _____
ANAL _____

DATA ENTRY:
INITIALS _____
DATE _____

Work Order	Lab Number	Structured Analysis	Exp. Del.	Analysis Date	Sample ID:
DCPE1-1-01	J-0E030246-001	XX I 88 EA 5I		_____	B0Y3V7
DCPE3-1-01	J-0E030246-002	XX I 88 EA 5I		_____	B0Y3V9
DCPE3-1-03	J-0E030246-002-D	XX I 88 EA 5I		_____	B0Y3V9
DCPE3-1-02	J-0E030246-002-S	XX I 88 EA 5I		_____	B0Y3V9
DCPE3-1-04	J-0E030246-002-X	XX I 88 EA 5I		_____	B0Y3V9 DUP
DCRCK-1-01	J-0E050000-128-B	XX I 88 EA 5I		_____	INTRA-LAB BLANK
DCRCK-1-02	J-0E050000-128-C	XX I 88 EA 5I		_____	INTRA-LAB CHECK
		Control Limits			
		(85-115)			
		(85-115)			
		(85-115)			

SDR # B00-084
Revision #: 0
Date Initiated: 05/10/00

SAMPLE DISPOSITION RECORD

SAF: B00-049
OU: 100-HR-1
Project ID: 116-HR
Task ID: 1
Sampling Event: 116-HR-1 Trench

Laboratory: Severn Trent Incorporated

Task Manager: F. M. Corpuz

Sampling Information:
Number of Samples: 2
ID Numbers: B0Y3V7, B0Y3V9
Matrix: Water
Collection Date: 05/03/00

Issue Background:

Class: ☐ Project Data Use ☒ General Laboratory Direction ☐ Validation Direction ☐ Sample Management Direction

Type: Other

Description: Sampling Date Correction

Disposition:

Description: An incorrect sampling date was entered on the chain of custody for the listed samples. The correct sampling date is '05/03/00'.

Justification: Samples should be logged into the laboratory using the correct sampling date.

Approval Signatures:

S. J. Trent — 5/10/00
Project Coordinator (Print/Sign Name) — Date

F. M. Corpuz — 5/10/00
Task Manager (Print/Sign Name) — Date

SDR # B00-084
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Project Coordinator (Print/Sign Name) — Date

F. M. Corpuz — 5/10/00
Task Manager (Print/Sign Name) — Date

BHI-EE-109 (02/99)