RECEIVED JANUARY 06, 2010

0086618

WSCF Laboratory

PO Box 1000 S3-30
Richland, WA 99352
(509) 373-7005
(509) 372-0456

Memorandum

To: Michael Neely
CH2M-HILL PRC
PO Box 1600
Richland, WA 99352

Date: January 5, 2010

From: WSCF Laboratory
WSCF Analytical Chemistry

CC:

Subject: FINAL RESULT FOR SAMPLE DELIVERY GROUP WSCF91838

Reference: (1) SOW, Mod 2, #36587, Release 3
(2) HNF-SD-CD-QAPP-017, Rev 9, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains the following information for sample delivery group WSCF91838

* Cover Sheet (Attachment 1)
* Narrative (Attachment 2)
* Analytical Results (Attachment 3)
* Sample Receipt Information (Attachment 4)

Electronically signed by Markus Stauffer
For Lab Manager

Attachments 4

RECEIVED
MAR 18 2010
EDMC

ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF Number Cross Reference

Group # WSCF91838
Data Deliverable Date 02/12/10

SAF #	Sample ID	Sample #	Matrix	Sampled	Received
F10-013	B22RY0	91838001	WATER	12/29/09	12/29/09

ATTACHMENT 2

NARRATIVE

Consisting of 3 pages
Including cover page

Attachment 2
Narrative
WSCF91838

Introduction

One (1) S&GRP sample was received at the WSCF Laboratory on December 29, 2009. The sample was analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Statement of Work (SOW), Modification No. 2 to Agreement 36587, Release 3, "FH WSCF ANALYTICAL SERVICES FOR GROUNDWATER."*

The narrative (Attachment 2) will address sample characteristics, analyses requested and general information in performance of the analytical methods. A Data Summary Report (Attachment 3) includes analytical results, a comment report detailing method abnormalities, tentatively identified peaks if applicable, method references, and Laboratory QC information as applicable. Copies of the chain of custody and sample receipt documentation are included as Attachment 4.

It should be noted that the attached chain of custody was stamped "ICED" by the WSCF Laboratory Sample Custodian during sample receiving, indicating the presence of ice in the transport container.

The following generic data qualifiers (i.e., B, D, and J) may be applicable to this report, as appropriate

- **B** – Sample results with a concentration greater than the MDL but less than the PQL are B flagged (applies to inorganic and wet chemical analyses), as appropriate.
- **D** – Sample results are D flagged if dilution(s) were required, as appropriate.
- **J** – Sample results with a concentration greater than the MDL but less than the PQL are J flagged (applies to organic analyses), as appropriate.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report*, pages for a complete listing of approved analytical methods.

Organic Comments

VOA – The hold time requirement for this analysis was met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. Analytical Note(s):

- In the Analyte column of the Method Blank Total 1,2-Dichloroethene is listed only as Total. The CAS number is correct.

All QC controls are within the established limits.

Attachment 2
Narrative
WSCF91838

We certify that this data package 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 data package has been authorized by the Analytical Laboratory Manager (or designee) and the Client Services representative as verified by electronic signatures shown on the WSCF ANALYTICAL RESULTS REPORT.

2

ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 11 pages
Including cover page

WSCF ANALYTICAL RESULTS REPORT

For

CH2M Hill Plateau Remediation

PO Box 1600
Richland, WA 99352

Attention: Michael Neely

Contract #	MOA-FH-CHPRC-2008
Group #	WSCF91838
Report Date	January 5, 2010

Analytical: Electronically signed by Markus Stauffer

Client Services: Electronically signed by Richard Barker

All radiochemistry results are reported on an "as received" basis.

This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify WSCF Laboratory immediately by telephone at (509) 373-7020 or (509) 531-8004. Information designation of this report is the responsibility of the customer.

Batch QC List

Group # WSCF91838

Attention Michael Neely
Department Organic, Volatiles

QC Batch	Analytical Batch	S#	Type	Sample #	Client Sample#	Original	Test
80587	80588	1	BLANK	21416	BLANK		SW-846 8260B Volatiles, separate prep
80587	80588	2	LCS	21417	LCS		SW-846 8260B Volatiles, separate prep
80587	80588	3	MS	21418	B22F57(91837001MS)	91837001	SW-846 8260B Volatiles, separate prep
80587	80588	4	MSD	21419	B22F57(91837001MSD)	91837001	SW-846 8260B Volatiles, separate prep
80587	80588	9	SAMPLE	91838001	B22RY0		SW-846 8260B Volatiles, separate prep

Method Reference

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory, industry methods or HEIS methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-523-455	Volatile Sample Analysis by SW-846 Method 8260B		
	EPA SW-846	8000B	Determinative Chromographic Separations
	EPA SW-846	8260B	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
	HEIS	8260_VOA_GCMS	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Note: A complete list of WSCF analytical procedures and reference regulatory or industry methods is available online at http://www7.rl.gov/rapidweb/AS-DOL/index.cfm

WSCF Analytical Results Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

Sample # 91838001
SAF# F10-013
Sample ID B22RY0

Matrix WATER
Sampled 12/29/09
Received 12/29/09

Test Performed	CAS #	Method	RQ	Result	TP Err	Units	DF	MDL	PQL	Analyzed
8260 Prep										**12/31/09**
SW-846 8260B										
1,1-Dichloroethene	75-35-4	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Trichloroethene	79-01-6	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Benzene	71-43-2	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Toluene	108-88-3	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Chlorobenzene	108-90-7	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1,1-Dichloroethane	75-34-3	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Ethylbenzene	100-41-4	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Styrene	100-42-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
cis-1,3-Dichloropropene	10061-01-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
trans-1,3-Dichloropropene	10061-02-6	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1,2-Dichloroethane	107-06-2	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Methyl isobutyl ketone	108-10-1	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Dibromochloromethane	124-48-1	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Tetrachloroethene	127-18-4	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Total Xylenes	1330-20-7	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Total 1,2-Dichloroethene	540-59-0	LA-523-455	U	<1		ug/L	1	1	5	12/31/09

MDL = Minimum Detection
RQ = Result Qualifier
TP Err = Total Propagated
DF = Dilution Factor
+ - Indicates more than nine qualifier

B - Analyte was detected in both the BLANK and SAMPLE
D - Analyte was reported at a secondary diltution factor.
E - The calibration exceeds the calibration range (GC/MS).
J - Analyte < lowest calibration but >= MDL.
N - Presumptive compound based on MS Library search.

T - MS and/or MSD sample recovery outside control limits.
U - Analyzed for but not detected above limiting criteria.
X,Y or Z - See comment detail and/or narrative.

WSCF Analytical Results Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

Sample # 91838001
SAF# F10-013
Sample ID B22RY0

Matrix WATER
Sampled 12/29/09
Received 12/29/09

Test Performed	CAS #	Method	RQ	Result	TP Err	Units	DF	MDL	PQL	Analyzed
Carbon tetrachloride	56-23-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
2-Hexanone	591-78-6	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Acetone	67-64-1	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Chloroform	67-66-3	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1,1,1-Trichloroethane	71-55-6	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Bromomethane	74-83-9	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Chloromethane	74-87-3	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Chloroethane	75-00-3	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Vinyl chloride	75-01-4	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Methylene chloride	75-09-2	LA-523-455		10		ug/L	1	1	5	12/31/09
Carbon disulfide	75-15-0	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Bromoform	75-25-2	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Bromodichloromethane	75-27-4	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1,2-Dichloropropane	78-87-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
Methyl ethyl ketone	78-93-3	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1,1,2-Trichloroethane	79-00-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1,1,2,2-Tetrachloroethane	79-34-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
1-Butanol	71-36-3	LA-523-455	U	<100		ug/L	1	100	500	12/31/09
Trichlorofluoromethane	75-69-4	LA-523-455	U	<1		ug/L	1	1	5	12/31/09

MDL = Minimum Detection
RQ = Result Qualifier
TP Err = Total Propagated
DF = Dilution Factor
+ - Indicates more than nine qualifier

B - Analyte was detected in both the BLANK and SAMPLE
D - Analyte was reported at a secondary diltution factor.
E - The calibration exceeds the calibration range (GC/MS).
J - Analyte < lowest calibration but >= MDL.
N - Presumptive compound based on MS Library search.

T - MS and/or MSD sample recovery outside control limits.
U - Analyzed for but not detected above limiting criteria.
X,Y or Z - See comment detail and/or narrative.

WSCF Analytical Results Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

Sample # 91838001
SAF# F10-013
Sample ID B22RY0

Matrix WATER
Sampled 12/29/09
Received 12/29/09

Test Performed	CAS #	Method	RQ	Result	TP Err	Units	DF	MDL	PQL	Analyzed
n-Butylbenzene	104-51-8	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
trans-1,2-Dichloroethene	156-60-5	LA-523-455	U	<1		ug/L	1	1	5	12/31/09
cis-1,2-Dichloroethene	156-59-2	LA-523-455	U	<1		ug/L	1	1	5	12/31/09

MDL = Minimum Detection
RQ = Result Qualifier
TP Err = Total Propagated
DF = Dilution Factor
+ - Indicates more than nine qualifier

B - Analyte was detected in both the BLANK and SAMPLE
D - Analyte was reported at a secondary diltution factor.
E - The calibration exceeds the calibration range (GC/MS).
J - Analyte < lowest calibration but >= MDL.
N - Presumptive compound based on MS Library search.

T - MS and/or MSD sample recovery outside control limits.
U - Analyzed for but not detected above limiting criteria.
X,Y or Z - See comment detail and/or narrative.

Quality Control Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

QC Batch 80587
Associated Samples 91838001

Test SW-846 8260B Volatiles, separate prep

Analyte	CAS #	Original Found	QC Found	Units	% Recov Limits	RPD	RPD Limit	RQ	Analyzed
BLANK			QC Sample #21416						
1,1-Dichloroethene	75-35-4		<1	ug/L				U	12/31/09
Trichloroethene	79-01-6		<1	ug/L				U	12/31/09
Benzene	71-43-2		<1	ug/L				U	12/31/09
Toluene	108-88-3		<1	ug/L				U	12/31/09
Chlorobenzene	108-90-7		<1	ug/L				U	12/31/09
1,1-Dichloroethane	75-34-3		<1	ug/L				U	12/31/09
Ethylbenzene	100-41-4		<1	ug/L				U	12/31/09
Styrene	100-42-5		<1	ug/L				U	12/31/09
cis-1,3-Dichloropropene	10061-01-5		<1	ug/L				U	12/31/09
trans-1,3-Dichloroprope	10061-02-6		<1	ug/L				U	12/31/09
1,2-Dichloroethane	107-06-2		<1	ug/L				U	12/31/09
Methyl isobutyl ketone	108-10-1		<1	ug/L				U	12/31/09
Dibromochloromethane	124-48-1		<1	ug/L				U	12/31/09
Tetrachloroethene	127-18-4		<1	ug/L				U	12/31/09
Total Xylenes	1330-20-7		<1	ug/L				U	12/31/09
Total	540-59-0		<1	ug/L				U	12/31/09
Carbon tetrachloride	56-23-5		<1	ug/L				U	12/31/09
2-Hexanone	591-78-6		<1	ug/L				U	12/31/09
Acetone	67-64-1		<1	ug/L				U	12/31/09
Chloroform	67-66-3		<1	ug/L				U	12/31/09
1,1,1-Trichloroethane	71-55-6		<1	ug/L				U	12/31/09

Quality Control Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
Bromomethane	74-83-9		<1	ug/L					U	12/31/09
Chloromethane	74-87-3		<1	ug/L					U	12/31/09
Chloroethane	75-00-3		<1	ug/L					U	12/31/09
Vinyl chloride	75-01-4		<1	ug/L					U	12/31/09
Methylene chloride	75-09-2		<1	ug/L					U	12/31/09
Carbon disulfide	75-15-0		<1	ug/L					U	12/31/09
Bromoform	75-25-2		<1	ug/L					U	12/31/09
Bromodichloromethane	75-27-4		<1	ug/L					U	12/31/09
1,2-Dichloropropane	78-87-5		<1	ug/L					U	12/31/09
Methyl ethyl ketone	78-93-3		<1	ug/L					U	12/31/09
1,1,2-Trichloroethane	79-00-5		<1	ug/L					U	12/31/09
1,1,2,2-Tetrachloroetha	79-34-5		<1	ug/L					U	12/31/09
1-Butanol	71-36-3		<100	ug/L					U	12/31/09
Trichlorofluoromethane	75-69-4		<1	ug/L					U	12/31/09
n-Butylbenzene	104-51-8		<1	ug/L					U	12/31/09
trans-1,2-Dichloroethen	156-60-5		<1	ug/L					U	12/31/09
cis-1,2-Dichloroethene	156-59-2		<1	ug/L					U	12/31/09
LCS			**QC Sample #21417**							
1,1-Dichloroethene	75-35-4		26	ug/L	104.2	75 - 125				12/31/09
Trichloroethene	79-01-6		23	ug/L	92.1	75 - 125				12/31/09
Benzene	71-43-2		24	ug/L	96.7	75 - 125				12/31/09
Toluene	108-88-3		25	ug/L	99.2	75 - 125				12/31/09
Chlorobenzene	108-90-7		26	ug/L	103.7	75 - 125				12/31/09
MS			**QC Sample #21418**							
			Original 91837001							
1,1-Dichloroethene	75-35-4		26	ug/L	105.4	75 - 125				12/31/09
Trichloroethene	79-01-6		24	ug/L	97	75 - 125				12/31/09

Quality Control Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
Benzene	71-43-2		25	ug/L	101.9	75 - 125				12/31/09
Toluene	108-88-3		26	ug/L	103.2	75 - 125				12/31/09
Chlorobenzene	108-90-7		27	ug/L	107.7	75 - 125				12/31/09
MSD			**QC Sample #21419**							
			Original 91837001						**Paired 21418**	
1,1-Dichloroethene	75-35-4		25	ug/L	100.2	75 - 125	5.10	20		12/31/09
Trichloroethene	79-01-6		24	ug/L	95.8	75 - 125	1.20	20		12/31/09
Benzene	71-43-2		25	ug/L	101.4	75 - 125	0.50	20		12/31/09
Toluene	108-88-3		26	ug/L	102.4	75 - 125	0.80	20		12/31/09
Chlorobenzene	108-90-7		26	ug/L	103.8	75 - 125	3.70	20		12/31/09
BLANK			**QC Sample #21416**							
1,2-Dichloroethane-d4	17060-07-0				105.6	75 - 125				12/31/09
Toluene-d8	2037-26-5				100.7	75 - 125				12/31/09
4-Bromofluorobenzene	460-00-4				103	75 - 125				12/31/09
LCS			**QC Sample #21417**							
1,2-Dichloroethane-d4	17060-07-0				107.8	75 - 125				12/31/09
Toluene-d8	2037-26-5				101	75 - 125				12/31/09
4-Bromofluorobenzene	460-00-4				102	75 - 125				12/31/09
MS			**QC Sample #21418**							
			Original 91837001							
1,2-Dichloroethane-d4	17060-07-0				107.2	75 - 125				12/31/09
Toluene-d8	2037-26-5				100.6	75 - 125				12/31/09
4-Bromofluorobenzene	460-00-4				103	75 - 125				12/31/09
MSD			**QC Sample #21419**							
			Original 91837001						**Paired 21418**	
1,2-Dichloroethane-d4	17060-07-0				107.2	75 - 125	0.00	20		12/31/09

Quality Control Report

Attention Michael Neely
Department Organic, Volatiles

Group # WSCF91838

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
Toluene-d8	2037-26-5				101.2	75 - 125	0.60	20		12/31/09
4-Bromofluorobenzene	460-00-4				102.7	75 - 125	0.30	20		12/31/09
SAMPLE			**Sample #91838001**							
1,2-Dichloroethane-d4	17060-07-0				106.9	75 - 125				12/31/09
Toluene-d8	2037-26-5				100.4	75 - 125				12/31/09
4-Bromofluorobenzene	460-00-4				102.6	75 - 125				12/31/09

ATTACHMENT4

SAMPLE RECEIPT

Consisting of 3 pages
Including cover page

Waste Sampling and Characterization Facility
P.O. Box 1970 S3-30, Richland WA 99352
Phone: (509) 373-7004/FAX: (509) 373-7134

ACKNOWLEDGEMENT OF SAMPLES RECEIVED

WSCF Laboratory
PO Box 1000 S3-30
Richland, WA 99352

ATTN: Michael Neely

Customer Code: CHPRC
PO #: 302143/ES10
Work Order #: 91838
Profile #: F10-013-027
Proj. Mgr.:
Phone:

The following samples were received from you on 12/29/2009 3:20:00 PM. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample #	Sample ID	Matrix	Collected	Received
		Tests scheduled		
91838001	B22RY0	WATER	12/29/2009 13:30	12/29/2009 15:20
		8260V-W		

Test Acronym Description

Test Acronym	Description
8260V-W	Volatiles by 8260B (W)

CH2MHILL Hanford Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-013-027 PAGE 1 OF 1

COLLECTOR: Rosie Rist Chandler

COMPANY CONTACT: DYKEMAN, G.

TELEPHONE NO.: 373-2530

PROJECT COORDINATOR: DYKEMAN, G.

PRICE CODE: 7N

DATA TURNAROUND: 45 Days / 45 Days

SAMPLING LOCATION: C5681 (295-L26-54); 0-119-FTB

PROJECT DESIGNATION: PRRA 200-W-7 OU Characterization Vadose Zone - QC Sampling (T-X Well)

SAF NO.: F10-013

AIR QUALITY: ☐

ICE CHEST NO.:

FIELD LOGBOOK NO.: HNF-N-576-3 pg 99

ACTUAL SAMPLE DEPTH: 279.6' 282.5'

COA: 300130810

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

SHIPPED TO: Waste Servicing & Characterization

OFFSITE PROPERTY NO.: N/A

BILL OF LADING/AIR BILL NO.: N/A

MATRIX*: Air, Bulk, Drums, Equipment, Gas Cylinder, Glass, Liquid, Oil, Soil, Soil/Sediment, Tissue, Vegetation, Wastewater, Water, Wipe, Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Contains Radioactive Material or concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations, not and not mandatable per DOE Order 5820.5 (1990/1993)

91838

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION: NO or H2SO4 to pH < 2 (Note: 40)

TYPE OF CONTAINER: 40ml

NO. OF CONTAINER(S): 4

VOLUME: 40ml

SAMPLE ANALYSIS: 8260B/8260C VOC

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B22RY0	WATER	12-29-09	1330

ICED

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Larry Rosse	12-29-09 1530	[illegible]	12/29/09 1520
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis CAS applies to this SAF.
(1)VOA - 8260B (TCL); VOA - 8260B (ADD-ON) (n-Butylbenzene, Tetrachloroethylene, sec-Butyl, cis-1,2-Dichloroethylene, trans-1,2-Dichloroethylene)

ORIGINAL

LABORATORY SECTION: RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION: DISPOSAL METHOD | DISPOSED BY | DATE/TIME