#### The Analytica Group CLIENT RECEIPT

Remit to:	Accounting Dpt Analytica Group P.O. Box 973426 Dallas,TX 75397-3426	Invoice #: Work Order#: Account#: Quote ID#: Invoice Date:	<b>56718</b> <b>J0605027</b> 801076 8849 5/23/2006
Phone:	(303) 469-8868	Work ID: PO #:	Tuck Harry
Attention:	Tuck Harry	Received:	5/3/2006
Invoice to:	Tuck Harry P.O. Box 56	Reported:	5/23/2006

#### **Comments:**

Item charges	<u>Oty</u> <u>Price</u>	<u>Total</u>	
AK102/ AK103 (Aqueous) - DRO RRO	1 165.00	165.00	
AK102/ AK103 (Solid) - DRO RRO	1 165.00	165.00	
	<b>Total of Items Above:</b>	\$330.00	
Adjustments or Special Services	<u>Oty</u> <u>Price</u>	<u>Total</u>	
Courier fee from Juneau Airport	1 7.00	7.00	
	<b>Total of Items Above:</b>	\$7.00	
	Grand Total:	\$337.00	
Payment Date: 05/08/2006	Amount Paid:	\$337.00	
Payment Type: Visa	Balance Due:	\$0.00	
Check #•			

Check #:

All invoices are due and payable upon receipt. Outstanding balances over 30 days are subject to a finance charge of 1.5% per month. If Analytica engages legal counsel to enforce its rights or any other rights under an application for payment, the customer will be liable to Analytica for all costs of collection and other legal expenses, including reasonable attorney fees.



5/23/2006 Tuck Harry P.O. Box 56 Tenakee Spings, AK Attn: Tuck Harry Analytica Alaska, Inc. - Juneau 5438 Shaune Drive Juneau, AK 99801 Phone: 907-780-6668

Work Order #: J0605027 Date: 5/23/2006 Work ID: Tuck Harry Date Received: 5/3/2006

#### Sample Identification

Lab Sample Number	<b>Client Description</b>	Lab Sample Number	Client Description
J0605027-01	Private Well	J0605027-02	Right of Way from Tenakee St

Enclosed are the analytical results, in summary format, for the submitted sample(s). Please review the CASE NARRATIVE for a discussion of any data and/or quality control issues.

Sincerely, Robin Jung Project Manager

## **Case Narrative**

Analytica Alaska Southeast Work Order: J0605027

Samples were prepared and analyzed according to EPA or equivalent methods outlined in the following references:

Method AK102 For the Determination of Diesel Range Organics, Revision 3.0, 01/31/96.

Method AK103 For the Determination of Residual Range Organics, Revision 2.0, 01/31/96.

Standard Method for Laboratory Determination of Water (Moisture) Content of Soil, Rock, and Soil-Aggregate Mixtures, ASTM D 2216-80, July 1980.

SAMPLE RECEIPT:

Two (2) samples were received at Analytica-Juneau on 5/3/2006 4:35:00 PM. The samples were received in good condition and in order per chain of custody.

The samples were transferred for analysis at Analytica Environmental Laboratories (AEL); 12189 Pennsylvania St. Thornton, CO 80241 where they were received at a temperature of 1.2°C in good condition and in order per chain of custody on 5/10/2006.

REVIEW FOR COMPLIANCE WITH ANALYTICA QA PLAN A summary of our review is shown below.

All analytical results contained in this report have been reviewed under Analytica's internal quality assurance and quality control program. Any deviations in quality control parameters for specific analyses are noted in the following text. A complete quality assurance report, including laboratory control, matrix spike, and sample duplicate recoveries is kept on file in our office and is available upon request.

All method specifications were met for the following tests:

Test Method: ASTM D2216 - Pmoist - Solid

Test Method: ADEC AK102 - DRO - Solid

HOLDING TIMES: Holding times were met for this Test

SAMPLE PREPARATION ISSUES AND OBSERVATIONS: There were no unusual observations.

INSTRUMENT PERFORMANCE CHECKS: Instrument checks were within method criteria.

INITIAL CALIBRATIONS: Initial calibrations were within method criteria.

OPENING CONTINUING CALIBRATIONS: Opening continuing calibrations were within method criteria.

CLOSING CONTINUING CALIBRATIONS: Closing continuing calibrations were within method criteria or not applicable.

SURROGATE RECOVERIES: The sample shown below has the surrogate outside of control windows. The LCS, and method blank do not show this effect and this is considered likely to be due to sample matrix as seen in the sample chormatogram.

SampleLabIDSurrogateRecoveryLCLUCLRight of Way frJ0605027-02Ao-Terphenyl15250150Complete

METHOD BLANK OUTLIERS: There are no method blank outliers.

# **Case Narrative**

Analytica Alaska Southeast Work Order: J0605027 (continued)

LCS OUTLIERS: There are no LCS outliers.

MS/MSD and DUP OUTLIERS: The target is out in the batch MS/MSD associated with these analyses, but the sample spiked is not associated with this project.

Test Method: ADEC AK102 - DRO LLE - Aqueous

HOLDING TIMES: Holding times were met for this Test

SAMPLE PREPARATION ISSUES AND OBSERVATIONS: Insufficient sample was provided to perform a matrix spike and matrix spike duplicate. The laboratory prepared an LCS/LCSD to demonstrate method accuracy and precision.

INSTRUMENT PERFORMANCE CHECKS: Instrument checks were within method criteria.

INITIAL CALIBRATIONS: Initial calibrations were within method criteria.

OPENING CONTINUING CALIBRATIONS: Opening continuing calibrations were within method criteria.

CLOSING CONTINUING CALIBRATIONS: Closing continuing calibrations were within method criteria or not applicable.

SURROGATE RECOVERIES:SampleLabIDSurrogateRecovery LCLUCLPrivate WellJ0605027-01Ao-Terphenyl12050120

METHOD BLANK OUTLIERS: MB Batch Analyte Result PQL MDL T060510015 Diesel Range Organic 0.118 0.1 0.00597

LCS OUTLIERS: There are no LCS outliers.

MS/MSD and DUP OUTLIERS: There are no MS/MSD or DUP outliers.

Test Method: ADEC AK103 - RRO - Solid

HOLDING TIMES: Holding times were met for this Test

SAMPLE PREPARATION ISSUES AND OBSERVATIONS: There were no unusual observations.

INSTRUMENT PERFORMANCE CHECKS: Instrument checks were within method criteria.

INITIAL CALIBRATIONS: Initial calibrations were within method criteria.

OPENING CONTINUING CALIBRATIONS: Opening continuing calibrations were within method criteria.

CLOSING CONTINUING CALIBRATIONS:RunDateData FileAnalyteRecoveryLCLUCL5/23/2006 4:12:59 AM06052225.DResidual Range Organics66.3751255/23/2006 4:12:59 AM06052225.DSqualane71.875125

## **Case Narrative**

Analytica Alaska Southeast Work Order: J0605027 (continued)

SURROGATE RECOVERIES: There are no surrogate outliers.

METHOD BLANK OUTLIERS: There are no method blank outliers.

LCS OUTLIERS: There are no LCS outliers.

MS/MSD and DUP OUTLIERS: The target is out in the batch MS/MSD associated with these analyses, but the sample spiked is not associated with this project.

Test Method: ADEC AK103 - RRO LLE - Aqueous

HOLDING TIMES: Holding times were met for this Test

SAMPLE PREPARATION ISSUES AND OBSERVATIONS: Insufficient sample was provided to perform a matrix spike and matrix spike duplicate. The laboratory prepared an LCS/LCSD to demonstrate method accuracy and precision.

INSTRUMENT PERFORMANCE CHECKS: Instrument checks were within method criteria.

INITIAL CALIBRATIONS: Initial calibrations were within method criteria.

OPENING CONTINUING CALIBRATIONS: Opening continuing calibrations were within method criteria.

CLOSING CONTINUING CALIBRATIONS:

RunDateData FileAnalyteRecoveryLCLUCL5/23/2006 4:12:59 AM06052225.DResidual Range Organics66.375125

SURROGATE RECOVERIES:

Sample	LabID	Surrogate	Recovery LC	CL	UCL
Private Well	J0605027-01B	Squalane	31.	50	150 Complete
Private Well	J0605027-01B	Squalane	32.	50	150 Rrun
LCS	T060510016-LC	S Squalane	58.	60	120 Complete

METHOD BLANK OUTLIERS: MB Batch Analyte Result PQL MDL T060510016 Residual Range Organ 1.80 0.5 0.2

LCS OUTLIERS: There are no LCS outliers.

MS/MSD and DUP OUTLIERS: There are no MS/MSD or DUP outliers.

Workorder (SDG): Project: Client:
Client:
Client Project Number:
Client Sample Name:
Matrix: Aqueous
<u>Analyte</u>
Diesel Range Organics
Residual Range Organics
Client Sample Name:
Matrix: Solid
Client Sample Name:

5/22/06 20:26

LW

ADEC AK103 - RRO

Residual Range Organics

770

220

mg/Kg

Shipping Method/Tracking Number: Ulmap 90/1/154	Ulma	Number	Tracking	Method/	hipping I	0								đ	Name of Sampler: (printed)
Thermometer ID # <u>[V]</u> Measurement Method: Temp. Blank Other	rement Me	Measu	<u>+ 1 / 1</u>	eter ID #	nermom										-
_C_FAIC_PBC	ANC	כ אות <u>איז א</u> וע סי געע ס <u>איז א</u> וע ס	1.10 57 NUC	0	HO H		Time		Date		Received by:	Time	Date		Relinquished by:
		rival:	Location Rcvd/Temp on Arrivat	Rcvd/Te	ocation I		Time	_	Date		Received by:	Ime	Date		
Broken Absent		Intact	Seal: (	Chain-of-Custody Seal:	hain-of-	'	1635	ĕ	90/2/06	Ø	&, Ulensta	were	5/3/06		Mar Harry
8	To be Completed by Analytica	npleted	o be Cor	7			Time		Date		Received by:	Time	Date	- -	Collected/Relinquished by
		:												1. a (c. 4. a) .	
					_					6*				A.	
time samp reality															
desc., dute 4	+					-									
gave sample					-						-	Ŧ	Strang		
Client called and			\$				X	2	361	15100	52	lenatee		and the	KIGINTOT Way trom.
returned w/coole						Ċ	X X	+	Ł				N		
No timp, Blk of Ica-							$\times$	1	N	15:00	5			1PM	Hivere
Comments	MS/MSD ?					1	DRO/RF	No. of Containe	Matrix (S-DW-WW-Oth	Time Sampled	Date Sampled		iption	Sample Description	San
	_			· 2.			20	ers	ier)	:					Lab Bottle Order No:
			/Method	Requested Analysis/Method	quested	Re									
		act No.	P.O. or Contract No:	9 0				3		ate:	Results Due Date:	L.COM	Provinging a	A CAN	Special Instructions
			Invoice to:	Invoi	required)		RUSH (lab authorization	RUSH		T: 10 days	Requested TAT:			~ ~ ~	E-mail $C \sim L$
								DD:	Type of EDD:		EDD: YES		50	36:2350	Phone No: (407) 7
			Report to:	Repo	<	Level IV	Level III		el I Level II	oles: Level I	Data Deliverables:			nd.	Contact Person: San
The name	<u>_</u>				-		NO	-	YES	NTE:	Results to STATE:		K gagy	ing An	Tenated Spr
	LGN:		Quote ID No:	Quot	5	Ĺ				System ID#:	Public Water System ID#			کـ	Ž .
To be Completed by Analytica	Complete	To be (			Sido	S	14 14	A wing	Flood f	nkee	Project Name:				Client Name & Address: Thr K Havrid
Page <u>1</u> of <u>1</u> ody No: <u>43328</u>	F Chain of Custody No:	Chair	19734 fax	Pouch 34043 Prudhoe Bay, AK 99734 (907) 659-2145 (907) 659-2145 fax	Por Prudhoe (907)		3330 Industrial Ave. Fairbanks, AK 99701 (907) 456-3116 (907) 456-3125 fax	x 518 #	5761 Silverado Way. # N Anchorage, AK 99518 (907) 258-2155 (907) 258-6634 fax	ive 5761 S 01 Ancho 3 (907 ax (907	5438 Shaune Drive Juneau, AK 99801 (907) 780-6668 (907) 780-6670 fax	12189 Pennsylvania St. Thomton, CO 80241 (303) 469-8868 (303) 469-5254 fax	12189 Pe Thomto (303) (303) 4		ANALYTICA GROUP (*)
					Form		Ciliste	n of	a Chai	Analvtica Chain of Custody	Þ				

# **Cooler Receipt Form**



Client: Tuck Harry Project: Tuck Harry	Client Code: 801076	Order #: J0605027
Cooler ID: 1 A. <u>Preliminary Examination Phase</u> :	Date cooler opened: Cooler opened by:	Signature: M
1. Was airbill Attached?N/A2. Custody Seals?N/A	Airbill #: How many? 0	Carrier Name: Other Location: Seal Name:
<ol> <li>Seals intact? N/A</li> <li>COC Attached? N/A</li> <li>Project Identification from custody pathology</li> </ol>	Properly Completed?	N/A Signed by AEL employee? N/A
6. Preservative: Designated person initial here to acknowl	Temper	ature: <u>N. Wanstall</u> Date: <u>5/8/06</u>
COMMENTS:		
B. Log-In Phase: Samples Log-in	Date: 5/3/2006 Log-in I	By: RV

1. Packing Type:

- N/A 2. Were samples in separate bags?
- 3. Were containers intact?
- 4. Number of bottles received:
- N/A 5. Correct containers used?
- N/A 6. Sufficient sample volume?
- 7. Bubbles in VOA samples?
- 8. Was Project manager called and status discussed?

N/A

N/A

4

Altered Date: 9. Was anyone called? N/A Who was called? By whom? COMMENTS:

Labels agree with COC?

Number of samples received:

**Correct preservatives added?** 

N/A

N/A

2