Analytical Resources, Incorporated
Analytical Chemists and Consultants

November 7, 2008

Joy Dunay
Anchor Environmental, LLC
1423 3rd Avenue, Suite 300
Seattle, WA 98101

RE: Client Project: 000105-01, Kimberly Clark
ARI Job No.: NN88

Dear Joy:

Please find enclosed the original Chain-of-Custody (COC) record, sample receipt documentation, and the final data package for samples from the project referenced above.

Sample receipt and details of these analyses are discussed in the Case Narrative.

An electronic copy of this package will remain on file with ARI. Should you have any questions or problems, please feel free to contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Cheronne Oreiro
Project Manager
-For-
Susan Dunnihoo
Director, Client Services
sue@arilabs.com
206-695-6207

Enclosures

cc: eFile NN88

Chain of Custody
Documentation

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: NN88	Turn-around Requested: 2 wk	Page: 1 of 1	
ARI Client Company: Anchor	Phone: 206 287 9130	Date: 9/9/08	Ice Present?
Client Contact: David Gillingham / Joy Punay		No. of Coolers:	Cooler Temps: 5.0-4.2
Client Project Name: Kimberly Clark			
Client Project #: 000105-01	Samplers: DG, NS, MH		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TOC/TS	TVS	Grain Size	Pore Water Ammonia/Sulfide					Notes/Comments
AN-SB-01-080908	9/8/08	915	Sed	6	X	X	X	X					MS/MSD
AN-SB-02-080908	9/8/08	1015		5	X	X	X	X					
AN-SB-03-080908		1100		5	X	X	X	X					
AN-SB-04-080908		1150		5	X	X	X	X					
AN-SB-05-080908		1300		5	X	X	X	X					
AN-SB-06-080908		1330		5	X	X	X	X					
AN-SB-07-080908	↓	1400	↓	5	X	X	X	X					

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: David Gillingham	Printed Name: Joe, Chuck Hin Li	Printed Name:	Printed Name:
	Company: Anchor	Company: ART	Company:	Company:
	Date & Time: 9/9/08 0800	Date & Time: 9/9/08 800	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Anchor Project Name: Kimberly Clark

COC No: _____ Delivered by: Hand

Assigned ARI Job No: NN88 Tracking No: _____

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Record cooler temperature (recommended 2.0-6.0 °C for chemistry	2 0/4.2 °C	

Cooler Accepted by: JL Date: 9/9/08 Time: 800

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?		Bag Ice	
Was sufficient ice used (if appropriate)?		(YES)	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottle arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation checklist)		YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: JL Date: 9/9/08 Time: 916

*** Notify Project Manager of discrepancies or concerns ***

Explain discrepancies or negative responses:

By: Date:

0003

Case Narrative

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

Case Narrative

Client: Anchor Environmental
Project: 000105-01, Kimberly Clark
Matrix: Sediment
ARI Job No.: NN88

Sample receipt

Seven sediment samples were received September 9, 2008 under the ARI job number referenced above. The samples were received in good condition. The cooler temperatures measured by IR thermometer following ARI SOP were 2.0 and 4.2°C and the samples were iced. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

General Chemistry Parameters

The samples were prepared and analyzed within the required holding time.

The method blanks were clean and the LCS had recoveries within limits for both batches. Standard reference recoveries were within limits for both batches.

The matrix replicates had RSD within limits. The matrix spike percent recoveries were within control limits.

GeoTech (Grain Size)

A laboratory-specific Case Narrative follows this page.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Client: Anchor Environmental, LLC	**ARI Project No.:** NN88
Client Project: Kimberly Clark	**Client Project No.:** 000105-01

Case Narrative

1. Seven samples were submitted for Pore Water Extraction by the Corp of Engineers draft interim guidelines and grain size analysis by Puget Sound Estuary Protocol (PSEP) methodology.
2. The sediment for pore water extraction was placed in the nitrogen chamber along with centrifuge bottles, spoons and a balance. The chamber was sealed and filled with nitrogen. The centrifuge bottles were opened to allow them to come to equilibrium with the chamber. The oxygen level in the chamber was less than 1%.
3. All centrifuge bottles were soaked in 5% nitric acid, rinsed with deionized water, pre-rinsed with Hexane and allowed to dry completely. All spoons were pre-rinsed with Dichloromethane.
4. All samples were centrifuged in a pre-cooled centrifuge (4°C) at 3,000 x g for 30 minutes, decanted in the nitrogen chamber, and then placed in another pre-cooled centrifuge (4°C) and spun at 7,000-x g for 30 minutes.
5. Some of the samples had "floaters," material that was floating on the top (or within the water) and could not be separated by centrifuging.
6. The grain size analysis samples were received in 16 oz plastic jars.
7. The samples were run in a single batch and one sample from this job, AN-SB-01-080908, was chosen for triplicate analysis. The triplicate data is reported on the QA Summary.
8. All of the samples contained shell fragments and organic debris which may have broken down during the sieving process, possibly affecting the grain size distribution.
9. The data is provided in summary tables and plots.
10. There were no other anomalies in the samples or methods on this project.

Approved by: Lucinda Antrim Date: 11/2/08
Title: Laboratory Supervisor

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

Data Summary Package

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

GENERAL CHEMISTRY

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-01-080908
ARI ID: 08-22868 NN88A

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	66.20
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.89
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	0.749

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-02-080908
ARI ID: 08-22869 NN88B

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	62.40
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	7.74
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	0.402

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-03-080908
ARI ID: 08-22870 NN88C

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	50.40
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	12.20
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	3.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-04-080908
ARI ID: 08-22871 NN88D

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	70.20
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.36
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	3.04

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-05-080908
ARI ID: 08-22872 NN88E

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	66.20
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.15
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	2.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-06-080908
ARI ID: 08-22873 NN88F

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	67.60
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.98
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	2.13

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-07-080908
ARI ID: 08-22874 NN88G

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	39.10
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	31.92
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	3.41

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	09/12/08	Percent	< 0.01 U
	09/12/08		< 0.01 U
	09/12/08		< 0.01 U
Total Volatile Solids	09/10/08	Percent	< 0.01 U
Total Organic Carbon	10/22/08	Percent	< 0.020 U

LAB CONTROL RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Total Organic Carbon	10/22/08	Percent	0.525	0.500	105.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Total Organic Carbon NIST #8704	10/22/08	Percent	3.44	3.35	102.7%

REPLICATE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: NN88A Client ID: AN-SB-01-080908					
Total Solids	09/12/08	Percent	66.20	66.70 66.50	0.4%
Total Volatile Solids	09/10/08	Percent	3.89	3.77 3.93	2.2%
Total Organic Carbon	10/22/08	Percent	0.749	0.737 0.818	5.7%

MS/MSD RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: NN88A Client ID: AN-SB-01-080908						
Total Organic Carbon	10/22/08	Percent	0.749	1.48	0.798	91.6%

GEOTECH

Anchor Environmental, LLC
Kimberly Clark 000105-01

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (62)	31.00	15.60	7.80	3.90	2.00	1.00
AN-SB-01-080908	100.0	96.6	95.6	94.7	93.4	91.1	86.3	40.6	14.2	9.0	6.7	5.4	4.4	3.4
AN-SB-01-080908	100.0	98.0	96.7	96.0	94.7	92.4	87.6	41.2	15.2	9.7	7.3	5.7	4.8	3.7
AN-SB-01-080908	100.0	97.8	96.6	95.6	94.2	91.9	87.5	41.8	15.7	9.7	7.2	5.7	4.8	3.6
AN-SB-02-080908	100.0	97.3	94.1	91.3	89.2	86.6	73.7	35.3	19.0	11.6	8.6	6.6	5.2	3.7
AN-SB-03-080908	100.0	99.1	93.2	88.1	84.5	79.4	47.4	36.4	32.7	25.8	18.9	13.5	10.2	7.0
AN-SB-04-080908	100.0	94.0	85.8	79.0	74.9	63.5	21.7	14.9	10.8	7.4	5.4	4.1	3.1	2.2
AN-SB-05-080908	100.0	98.8	95.1	93.5	91.4	65.2	12.9	6.7	5.7	4.5	3.8	3.0	2.4	1.9
AN-SB-06-080908	100.0	99.0	96.6	95.0	92.6	66.9	19.4	13.6	9.8	7.2	5.2	3.8	2.9	2.2
AN-SB-07-080908	100.0	96.8	93.3	88.5	77.5	67.3	62.4	43.7	27.0	18.6	13.7	10.4	8.2	5.9

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

NN88

0021

Anchor Environmental, LLC
Kimberly Clark 000105-01

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
AN-SB-01-080908	4.4	0.9	1.4	2.3	4.8	45.7	26.4	5.2	2.2	1.4	1.0	1.0	3.4	40.6
AN-SB-01-080908	3.3	0.7	1.3	2.4	4.7	46.4	26.0	5.5	2.3	1.6	1.0	1.1	3.7	41.2
AN-SB-01-080908	3.4	0.9	1.4	2.3	4.5	45.7	26.1	6.0	2.5	1.5	0.9	1.1	3.6	41.8
AN-SB-02-080908	5.9	2.8	2.2	2.6	12.9	38.4	16.3	7.4	3.0	2.0	1.4	1.5	3.7	35.3
AN-SB-03-080908	6.8	5.0	3.7	5.1	31.9	11.1	3.7	6.8	6.9	5.4	3.2	3.2	7.0	36.4
AN-SB-04-080908	14.2	6.8	4.1	11.4	41.8	6.8	4.1	3.4	1.9	1.3	1.0	0.9	2.2	14.9
AN-SB-05-080908	4.9	1.6	2.1	26.1	52.3	6.2	1.0	1.1	0.8	0.8	0.6	0.5	1.9	6.7
AN-SB-06-080908	3.4	1.6	2.4	25.7	47.5	5.8	3.8	2.6	1.9	1.4	0.9	0.8	2.2	13.6
AN-SB-07-080908	6.7	4.8	11.0	10.2	4.9	18.7	16.7	8.4	4.9	3.3	2.1	2.3	5.9	43.7

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

NN88

QA SUMMARY

PROJECT:	Anchor Environmental, LLC	Project No.:	Kimberly Clark 000105-01
ARI Triplicate Sample ID:	NN88 A	Batch No.:	NN88 -1
Client Triplicate Sample ID:	AN-SB-01-080908	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
AN-SB-01-080908	100.0	96.6	95.6	94.7	93.4	91.1	86.3	40.6	14.2	9.0	6.7	5.4	4.4	3.4
AN-SB-01-080908	100.0	98.0	96.7	96.0	94.7	92.4	87.6	41.2	15.2	9.7	7.3	5.7	4.8	3.7
AN-SB-01-080908	100.0	97.8	96.6	95.6	94.2	91.9	87.5	41.8	15.7	9.7	7.2	5.7	4.8	3.6
AVE	NA	97.44	96.30	95.47	94.11	91.79	87.13	41.20	15.03	9.44	7.08	5.60	4.66	3.59
STDEV	NA	0.76	0.61	0.66	0.69	0.66	0.74	0.61	0.80	0.42	0.31	0.20	0.23	0.16
%RSD	NA	0.78	0.63	0.69	0.73	0.71	0.85	1.48	5.30	4.48	4.39	3.60	4.94	4.41

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
AN-SB-01-080908	9/8/2008	10/23/2008	10/31/2008	100.4		15.2
AN-SB-01-080908	9/8/2008	10/23/2008	10/31/2008	101.0		15.4
AN-SB-01-080908	9/8/2008	10/23/2008	10/31/2008	99.5		15.6
AN-SB-02-080908	9/8/2008	10/23/2008	10/31/2008	102.1		12.8
AN-SB-03-080908	9/8/2008	10/23/2008	10/31/2008	99.4		10.1
AN-SB-04-080908	9/8/2008	10/23/2008	10/31/2008	99.7		6.1
AN-SB-05-080908	9/8/2008	10/23/2008	10/31/2008	98.8	SS	3.9
AN-SB-06-080908	9/8/2008	10/23/2008	10/31/2008	101.2		5.0
AN-SB-07-080908	9/8/2008	10/23/2008	10/31/2008	99.2		13.2

* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Laboratory Data Package

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

General Chemistry Analysis
QC Summary Data

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

METHOD BLANK RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	09/12/08	Percent	< 0.01 U
	09/12/08		< 0.01 U
	09/12/08		< 0.01 U
Total Volatile Solids	09/10/08	Percent	< 0.01 U
Total Organic Carbon	10/22/08	Percent	< 0.020 U

LAB CONTROL RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Total Organic Carbon	10/22/08	Percent	0.525	0.500	105.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Total Organic Carbon NIST #8704	10/22/08	Percent	3.44	3.35	102.7%

REPLICATE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: NN88A Client ID: AN-SB-01-080908					
Total Solids	09/12/08	Percent	66.20	66.70 66.50	0.4%
Total Volatile Solids	09/10/08	Percent	3.89	3.77 3.93	2.2%
Total Organic Carbon	10/22/08	Percent	0.749	0.737 0.818	5.7%

MS/MSD RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: NN88A Client ID: AN-SB-01-080908						
Total Organic Carbon	10/22/08	Percent	0.749	1.48	0.798	91.6%

General Chemistry Analysis
Sample Data

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-01-080908
ARI ID: 08-22868 NN88A

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	66.20
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.89
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	0.749

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-02-080908
ARI ID: 08-22869 NN88B

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	62.40
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	7.74
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	0.402

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-03-080908
ARI ID: 08-22870 NN88C

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	50.40
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	12.20
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	3.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-04-080908
ARI ID: 08-22871 NN88D

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	70.20
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.36
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	3.04

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-05-080908
ARI ID: 08-22872 NN88E

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	66.20
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.15
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	2.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-06-080908
ARI ID: 08-22873 NN88F

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	67.60
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	3.98
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	2.13

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
NN88-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/23/08

Project: KIMBERLY CLARK
Event: 000105-01
Date Sampled: 09/08/08
Date Received: 09/09/08

Client ID: AN-SB-07-080908
ARI ID: 08-22874 NN88G

Analyte	Date	Method	Units	RL	Sample
Total Solids	09/12/08 091208#2	EPA 160.3	Percent	0.01	39.10
Total Volatile Solids	09/10/08 091008#1	EPA 160.4	Percent	0.01	31.92
Total Organic Carbon	10/22/08 102208#1	Plumb,1981	Percent	0.020	3.41

RL Analytical reporting limit
U Undetected at reported detection limit

General Chemistry Analysis
Instrument Raw Data

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

9-15-08

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 9/12/2008

ANALYST: CDE 20:30

Batch drying time			*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm			*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
CDE 9-11-08	time in oven	20:30	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
CDE 9-12-08	time out	17:30		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs =	#VALUE!	#VALUE!		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
	Cal Date -->		9/10/2008	9/12/2008										
	Time & Initials -->		12:45 CDE	17:37 CDE										
Cal Wt (g)	10.0000		9.9998	9.9996										
	record weights to 4 places		*Cal OK!*	*Cal OK!*										
Blank		0.0000	1.0692	1.0683			0.00		1.0682	1.0683	OK	0.00		
NN95 A1		6.4915	1.1028	5.6423			4.54	84.2%						
NN95 A1 dup		7.1063	1.1266	6.0479			4.92	82.3%						
							RPD =	2.33%				RPD =	NA	
NN95 A1 trp		7.0327	1.1010	6.0843			4.98	84.0%						
							RSD =	1.27%				RSD =	NA	
NN95 B1		6.2706	1.0828	5.7148			4.63	89.3%						
NN95 C1		6.8962	1.1100	6.2057			5.10	88.1%						
NN95 D1		6.9739	1.1176	6.2713			5.15	88.0%						
NN95 E1		6.7257	1.1179	6.2533			5.14	91.6%						
NN95 F1		7.1736	1.1034	6.6818			5.58	91.9%						
NN95 G1		6.5235	1.1159	6.0969			4.98	92.1%						
NN95 H1		6.0583	1.0694	5.3641			4.29	86.1%						
NN95 I 1		6.0205	1.0628	5.3083			4.25	85.6%						
NN95 J 1		6.9523	1.0900	6.2115			5.12	87.4%						
NN92 A1		6.9658	1.0479	6.6835			5.64	95.2%						
NN92 A1 dup		6.4299	1.1120	6.1839			5.07	95.4%						
							RPD =	0.15%				RPD =	NA	
NN92 A1 trp		6.7178	1.0901	6.4433			5.35	95.1%						
							RSD =	0.13%				RSD =	NA	
NN92 B1		6.2451	1.0895	5.7997			4.71	91.4%						
NN92 C1		6.9078	1.0943	6.4713			5.38	92.5%						
NN92 D1		6.9296	1.0987	6.0277			4.93	84.5%						
NN92 E1		6.3777	1.0748	5.9831			4.91	92.6%						

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

DATE: 9/12/2008

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

ANALYST: CDE 20:30

Batch drying time

record times as mm/dd/yy hh:mm

CDE 9-11-08 time in oven 20:30

CDE 9-12-08 time out 17:30

elapsed hrs = #VALUE! #VALUE!

TS (%) calculated as:
Final dry wt (g) = (Dry Wt - Tare Wt)
TS = (Final Dry Wt)/ (grams Sample-Tare)

TVS (mg/kg dry wt) calculated as:
Final ash wt (g) = (min ash wt - tare wt)
*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
if ash wt > dry wt, "Chk for Err"
*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
NN92 F1		6.2409	1.1055	5.6190			4.51	87.9%						
NN92 G1		6.2477	1.0980	5.7807			4.68	90.9%						
NN92 H1		6.0344	1.0729	5.5637			4.49	90.5%						
Blank		0.0000	1.0895	1.0896			0.00							
NN92 I 1		6.3289	1.0980	5.4868			4.39	83.9%						
NN92 J 1		6.6406	1.1014	6.0723			4.97	89.7%						
NN92 K1		7.0445	1.1324	6.2271			5.09	86.2%						
NN92 L1		6.9428	1.0523	6.4032			5.35	90.8%						
NN92 M1		6.5958	1.1156	6.0814			4.97	90.6%						
NN92 N1		6.0698	1.0989	5.7649			4.67	93.9%						
NN92 O1		6.5248	1.0824	5.7280			4.65	85.4%						
NN92 P1		6.1479	1.0882	5.6152			4.53	89.5%						
NN92 Q1		6.9847	1.0719	5.9779			4.91	83.0%						
NN88 A1		6.0256	1.0689	4.3521			3.28	66.2%	4.2283	4.2245	OK	3.16	38,865	3.89%
NN88 A1 dup		6.4581	1.0919	4.6710			3.58	66.7%	4.5388	4.5360	OK	3.44	37,719	3.77%
							RPD =	0.69%				RPD =	2.99%	
NN88 A1 trp		6.5557	1.0886	4.7234			3.63	66.5%	4.5838	4.5804	OK	3.49	39,342	3.93%
							RSD =	0.35%				RSD =	2.16%	
NN88 B1		6.1436	1.1030	4.2508			3.15	62.4%	4.0118	4.0071	OK	2.90	77,419	7.74%
NN88 C1		6.1587	1.0770	3.6404			2.56	50.4%	3.3314	3.3276	OK	2.25	122,025	12.20%
NN88 D1		6.6351	1.0935	4.9814			3.89	70.2%	4.8543	4.8508	OK	3.76	33,591	3.36%
NN88 E1		6.4186	1.0882	4.6194			3.53	66.2%	4.5094	4.5082	OK	3.42	31,491	3.15%
NN88 F1		6.7861	1.0907	4.9412			3.85	67.6%	4.7902	4.7881	OK	3.70	39,761	3.98%
NN88 G1		6.2212	1.0725	3.0842			2.01	39.1%	2.4443	2.4420	OK	1.37	319,232	31.92%
NN61 A1		6.1743	1.0902	4.0867			3.00	58.9%						
NN61 A1 dup		6.2059	1.0922	4.1072			3.02	59.0%						
							RPD =	0.03%				RPD =	NA	
NN61 A1 trp		6.5199	1.1108	4.6165			3.51	64.8%						

0041

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 9/12/2008

ANALYST: CDE 20:30

Batch drying time			*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm			*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
CDE 9-11-08	time in oven	20:30	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
CDE 9-12-08	time out	17:30		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs =	#VALUE!	#VALUE!		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
							RSD =	5.56%				RSD =	NA	
NN61 B1		6.0310	1.0899	5.1829			4.09	82.8%						
Blank		0.0000	1.0849	1.0845			0.00							
NN61 C1		6.5987	1.0979	5.2417			4.14	75.3%						
NO62 A2		6.9042	1.0955	3.7456			2.65	45.6%						
NO62 B2		6.6287	1.1151	3.6427			2.53	45.8%						
NO62 C2		6.2751	1.1016	5.4664			4.36	84.4%						
NO62 D2		6.7437	1.0874	5.9865			4.90	86.6%						

① 6.9653 9-10-08 CDE
② 6.7299 9-10-08 CDE
③ 6.7178 9-10-08 CDE
④ 9-11-08 CDE

12:02

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

DATE: 9-10-08

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

ANALYST: CDE

Batch drying time

record times as mm/dd/yy hh:mm

CDE 9-11-08 time in oven 20:30

CDE 9-12-08 time out 17:30

elapsed hrs = 0.0 *< 12 hr*

TS (%) calculated as:
Final dry wt (g) = (Dry Wt - Tare Wt)
TS = (Final Dry Wt)/ (grams Sample-Tare)

TVS (mg/kg dry wt) calculated as:
Final ash wt (g) = (min ash wt - tare wt)
*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
if ash wt > dry wt, "Chk for Err"
*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2	3	Ash Wt (g)	TVS (mg/kg)	(%)
Cal Date -->			9-10-08	9-12-08					9-12-07					
Time & Initials -->			12:45 CDE	17:37 CDE					1980 CDE					
Cal Wt (g) 10.0000			9.9998	9.9996					9.9995					
record weights to 4 places														
Blank	1	Ø	1.0692	1.0683					1.0682	1.0683				
NN95 A'	2	6.4915	1.1028	5.6423										
DP A'	3	7.1063	1.1266	6.0479										
TP A'	4	7.0327	1.1010	6.0843										
B'	5	6.2706	1.0828	5.7148										
C'	6	6.8962	1.1100	6.2057										
D'	7	6.9739	1.1176	6.2713										
E'	8	6.7257	1.1179	6.2533										
F'	9	7.1736	1.1034	6.6818										
G'	10	6.5235	1.1159	6.0969										
H'	11	6.0583	1.0694	5.3641										
I'	12	6.0205	1.0628	5.3083										
J'	13	6.9523	1.0900	6.2115										
NN92 A'	14 ①	~~6.4477~~	1.0479	6.6835										
DP A'	15 ②	~~6.7959~~	1.1120	6.1839										
TP A'	16 ③	~~6.6399~~	1.0901	6.4433										
B'	17	6.2451	1.0895	5.7997										
C'	18	6.9.0788④	1.0943	6.4713										
D'	19	6.9296	1.0987	6.0277										
E'	20	6.3777	1.0748	5.9831										
F'	21	6.2409	1.1055	5.6190										
G'	22	6.2477	1.0980	5.7807										
H'	23	6.0344	1.0729	5.5637										

0043

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

DATE: .

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

ANALYST:

Batch drying time	TS (%) calculated as:	TVS (mg/kg dry wt) calculated as:
record times as mm/dd/yy hh:mm	Final dry wt (g) = (Dry Wt - Tare Wt)	Final ash wt (g) = (min ash wt - tare wt)
time in oven	TS = (Final Dry Wt)/ (grams Sample-Tare)	TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000
time out		if ash wt > dry wt, "Chk for Err"
elapsed hrs = 0.0 < 12 hr		if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2	3	Ash Wt (g)	TVS (mg/kg)	(%)
Cal Date -->									9-12-08	9-12-08				
Time & Initials -->									19:00 CR	19:55 CR				
Cal Wt (g) 10.0000									9.9995	9.9995				
record weights to 4 places														
Blank	24	Ø	1.0895	1.0896										
NN92 I'	25	6.3299	1.0980	5.4868										
J'	26	6.6406	1.1014	6.0723										
K'	27	7.0445	1.1324	6.2271										
L'	28	6.9428	1.0523	6.4032										
M'	29	6.5958	1.1156	6.0814										
N'	30	6.0698	1.0989	5.7649										
O'	31	6.5248	1.0824	5.7280										
P'	32	6.1479	1.0882	5.6152										
Q'	33	6.9847	1.0719	5.9779										
NN88 A'	34	6.0256	1.0689	4.3521					4.2283	4.2245				
dpA'	35	6.4581	1.0919	4.6710					4.5388	4.5360				
dpA'	36	6.5557	1.0886	4.7234					4.5838	4.5804				
B'	37	6.1436	1.1030	4.2508					4.0118	4.0071				
C'	38	6.1587	1.0770	3.6404					3.3314	3.3276				
D'	39	6.6351	1.0935	4.9814					4.8543	4.8508				
E'	40	6.4186	1.0892	4.6194					4.5094	4.5082				
F'	41	6.7861	1.0907	4.9412					4.7902	4.7881				
G'	42	6.2212	1.0725	3.0842					2.4443	2.4420				
NN61 A'	43	6.1743	1.0902	4.0867										
dpA'	44	6.2059	1.0922	4.1072										
dpA'	45	6.5199	1.1108	4.6165										
B'	46	6.0310	1.0899	5.1829										

0044

① 9-11-08 cdc ② 9-12-08 cdc

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

DATE: .

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

ANALYST:

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 0.0 < 12 hr		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2	3	Ash Wt (g)	TVS (mg/kg)	(%)
Cal Date -->														
Time & Initials -->														
Cal Wt (g) 10.0000														
record weights to 4 places														
Blank	47	Ø	1.0849	~~6.5987~~	1.0845 ②									
NN61 C1	48	6.5987	1.0979	~~6.5987~~	5.2417									
NO62 A²	49	6.9042	1.0955	3.7456										
B²	50	6.6287	1.1151	3.6427										
C²	51	6.2751	1.1016	5.4664										
D²	52	6.7437	1.0874	5.9865										

0045

W
10-10-08

TOC Solids Prep Log

DATE:	9/10/2008
ANALYST:	CDE 12:35

acid purging to remove IC and drying at 70°C for TOC analysis

General notes regarding prep method and samples (identify the acid used)

make no entry to shaded cells, they are calculated

Sample ID		IC Test	Gravimetric Data (grams)			%	Sample description & notes
ARI #	Client	+ / -	Tare Wt.	Wet wt.	70°C dry wt	Solids	(homogeneity and exclusions)
Blank			12.9684		12.9686	0.2 mg	
NN95 A1		-	12.9074	18.7530	17.7760	83.29%	
NN95 A1 DUP		-	12.8154	18.4866	17.5408	83.32%	
NN95 A1 TRIP		-	12.9442	18.7097	17.9779	87.31%	
NN95 B1		-	12.8886	18.8616	18.3941	92.17%	
NN95 C1		-	12.8772	18.5931	18.0214	90.00%	
NN95 D1		-	12.9128	18.6487	18.0991	90.42%	
NN95 E1		-	12.8803	18.6380	18.2516	93.29%	
NN95 F1		-	12.8454	18.9245	18.5565	93.95%	
NN95 G1		-	12.8323	18.3264	17.9631	93.39%	
NN95 H1		-	12.9100	18.7811	18.1425	89.12%	
NN95 I 1		-	12.9011	18.1486	17.4365	86.43%	
NN95 J 1		-	12.8887	18.6554	18.0482	89.47%	
NN92 A1		-	12.9071	18.3039	18.1711	97.54%	
NN92 A1 DUP		-	12.8691	18.4561	18.2833	96.91%	
NN92 A1 TRIP		-	12.8671	18.8177	18.6833	97.74%	
NN92 B1		-	12.8051	18.2050	17.8975	94.31%	
NN92 C1		-	12.8921	18.3586	18.0908	95.10%	
NN92 D1		-	12.8397	18.0118	17.3587	87.37%	
NN92 E1		-	12.8848	18.0071	17.7410	94.81%	
NN92 F1		-	12.9055	18.7709	18.1792	89.91%	
NN92 G1		-	12.9821	18.1444	17.7864	93.07%	
NN92 H1		-	12.7752	18.3150	17.9041	92.58%	
NN92 I 1		-	12.8420	18.2543	17.4872	85.83%	
NN92 J 1		-	12.8795	18.6359	18.1715	91.93%	
NN92 K1		-	12.8810	18.1530	17.5930	89.38%	
NN92 L1		-	12.8446	18.3987	18.0076	92.96%	
NN92 M1		-	12.8992	18.5642	18.1508	92.70%	
NN92 N1		-	12.8829	18.1977	17.9703	95.72%	
NN92 O1		-	12.9014	18.0070	17.3589	87.31%	
NN92 P1		-	12.9135	18.8817	18.4634	92.99%	
NN92 Q1		-	12.9676	18.5088	17.7265	85.88%	
[redacted] A1		-	12.7778	18.6549	16.8162	[redacted]	
[redacted] DUP		-	12.8335	18.3251	16.5907	[redacted]	
[redacted] TRIP		-	12.8502	18.8703	16.9745	[redacted]	

Sample ID		IC Test	Gravimetric Data (grams)			%	*Sample description & notes*
ARI #	Client	+ / -	Tare Wt.	Wet wt.	70°C dry wt	Solids	*(homogeneity and exclusions)*
[illegible] B1		-	12.7794	18.9205	16.7351	64.41%	
[illegible] C1		+-	12.8527	18.8735	16.2566	56.54%	
[illegible] D1		+++-	12.8727	18.4958	17.2979	78.70%	
NN88 E1		-	12.9201	18.3595	16.4230	[illegible]	
NN88 F1		-	12.8834	18.0714	16.4121	69.02%	
NN88 G1		-	12.8610	18.3053	15.0332	39.90%	
NN61 A1			12.8505	18.8226	16.7967	66.08%	
NN61 A1 DUP			12.8828	18.8879	16.8394	65.89%	
NN61 A1 TRIP			12.9025	18.8054	16.8806	67.39%	
NN61 B1			12.8962	18.3820	17.4866	83.68%	
NN61 C1			12.9400	18.4523	17.1874	77.05%	
Blank			12.9209		12.9210	0.00%	
NO62 A2		-	12.9457	18.4488	15.5626	47.55%	
NO62 B2		-	12.9403	18.8178	15.7727	48.19%	
NO62 C2		-	12.8628	18.7255	17.9934	87.51%	
NO62 D2		+++-	12.9212	18.9140	19.0802	102.77%	

@ 9-10-08 CDE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

TOC Solids Preparation Log

Acid purge to remove IC and drying 70 °C for TOC anal ysis
Add general notes regarding samples and preparation and identify the acid used

Analyst CDE Date 9-10-08 12:35

Sample Idenification		IC	Gravimetric Data			% Solids	Sample description & notes
ARI #	Client ID	Test	Tare	Wet	70°C		
Blank		-	12.9644	18.7550	12.7685	12.9686	
NN95A		-	12.9074	18.4866	18.7530	17.7760	
DP A		-	12.8154	18.7097	18.4866	17.5408	
TP A		-	12.9442	18.8616	18.7097	17.9779	
B		-	12.8886	18.5931	18.8616	18.3941	
C		-	12.8772	18.4	18.5931	18.0214	
D		-	12.9128	18.6487	18.0991		
E		-	12.8803	18.6380	18.2516		
F		-	12.8454	18.9245	18.5565		
G		-	12.8323	18.3264	17.9631		
H		-	12.9100	18.7811	18.1425		
I		-	12.8911	18.1486	17.4365		
J		-	12.8887	18.6554	18.0482		
NN92A		-	12.9071	18.8435	18.3039	18.1711	
DP A		-	12.8691	18.6978	18.4561	18.2833	
TP A		-	12.8671	18.3182	18.8177	18.6833	
B		-	12.8051	18.2050	17.8975		
C		-	12.8921	18.3586	18.0908		
D		-	12.8397	18.0118	17.3587		
E		-	12.8848	18.0071	17.7410		
F		-	12.9055	18.7709	18.1792		
G		-	12.8921	18.4414	17.7864		
H		-	12.7752	18.3150	17.9041		
I		-	12.8420	18.2543	17.4872		
J		-	12.8795	18.6359	18.1715		
K		-	12.8816	18.5530	17.5930		
L		-	12.8446	18.3987	18.0076		
M		-	12.8992	18.5642	18.1508		
N		-	12.8829	18.1977	17.9703		
O		-	12.9044	18.0070	17.3589		

① 9-10-08 CDE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

TOC Solids Preparation Log

Acid purge to remove IC and drying 70 °C for TOC analysis
Add general notes regarding samples and preparation and identify the acid used

Analyst CDE Date 9-10-08 12:35

Sample Identification		IC	Gravimetric Data			% Solids	Sample description & notes
ARI #	Client ID	Test	Tare	Wet	70 °C		
NN92 A1		-	12.9135	18.8817	18.4634		
V Q1		-	12.9676	18.5088	17.7263		
NN88 A1		-	12.7778	18.6549	16.8162		
DPA1		-	12.8335	18.3251	16.5907		
TPA1		-	12.8502	18.8703	16.9745		
B1		-	12.7794	18.9205	16.7351		
C1		+-	12.8527	18.8735	16.2566		
D1		++-	12.8727	18.4958	17.2979		
E1		-	12.9201	18.3595	16.4230		
F1		-	12.8834	18.0714	16.4121		
G1		-	12.8610	18.3053	15.0332		
NN81 A1		-	12.8505	18.8226	16.7967		
DPA1		-	12.8829	18.8879	16.8394		
TPA1		-	12.9085	18.8054	16.8806		
B1		-	12.8962	18.3820	17.4866		
CCC1		-	12.9400	18.4523	17.1874		
BLANK		-	12.9209	~~12.9209~~	12.9210		
NO62 A2		-	12.9457	18.4488	15.5626		
B2		-	12.9403	18.8178	15.7727		
C2		-	12.8628	19.7255	17.9934		
D2		++-	12.9212	18.9140	19.0802		

9-10-08 CDE

10-23-08

TOC, Solids Data Analysis, DC-190

DATE: 10/22/08 10:02
ANALYST: KE

Mode: NPOC *Inlet:* Boat
Spike Std = 2,000 *ppm C*

Calibration Data
Calibration Standard *Source:* ARI # 0086 - 06 *Conc (ppm):* 2,000

Observed Values (µg/g)	mean	Cal Factor

Verification Standard *Source:* ERA 0852 - 08 - 02 *Conc (ppm):* 5,000

Standard Reference Material *Source:* NIST 8704 *Conc (ppm):* 33,510

Blank Data

System Blanks (enter "observed C")

Replicate Determinations						Mean	condition
Replicate	1	2	3	4	5		
ppm	33.35	34.93	59.35	29.25	11.78	33.73	OK !

Silica Blanks (enter "corrected C" at end of run)

Replicate	1	2	3	4	5	Mean	condition
	51.0	40.0	37.0			42.67	OK !

Historical Blank Limits

mean	stdev
17.8	7.23
LBL	-3.9
UBL	39.5

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data: Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	Spike (µL Std)	Combustion Data: Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
ICV				1.00		10.0	5284	5,250	105.01%
Blank				1.00		10.0	33.35		Blank OK
NIST 8704				1.00		3.4	34410	34,376	102.59%
~~SB 1~~			-	~~1.00~~		~~7.5~~	~~153.4~~	~~120~~	~~Range OK!~~
SB 2				1.00		11.3	84.57	51	Range OK!
SB 3				1.00		12.4	73.87	40	Range OK!
SB 4				1.00		12.7	71.13	37	Range OK!
~~NN88 A1~~			-	~~1.00~~		~~1.9~~	~~5609~~	~~6,575~~	~~Range OK!~~
NN88 A1				1.00		2.0	7254	7,220	Range OK!
NN88 A1 dup				1.00		2.0	7139	7,105	RPD=1.6%
NN88 A1 trp				1.00		2.0	7916	7,882	RSD=5.7%
NN88 A1 ms				1.00	10	2.6	14290	14,256	Range OK!
Spike =	*0.02*	*mg C to*	*2.6*	*mg samp=*	*7,692*	*ppm*		*91%*	
NN88 B1				1.00		2.8	3926	3,892	Range OK!
CCV				1.00		10.0	5062	5,028	100.57%
Blank				1.00		10.0	34.93		Blank OK
NN88 C1				1.00		1.4	30540	30,506	Range OK!
NN88 D1				1.00		1.1	27140	27,106	Range OK!
NN88 E1				1.00		1.5	27060	27,026	Range OK!
NN88 F1				1.00		1.1	21190	21,156	Range OK!
NN88 G1				1.00		1.1	33420	33,386	Range OK!
NT34 D2				1.00		0.9	51270	51,236	Range OK!
NT34 E2				1.00		0.9	16800	16,766	Range OK!
NT34 F2				1.00		1.5	14050	14,016	Range OK!
NT34 G2				1.00		1.4	27590	27,556	Range OK!
NT34 H2				1.00		1.2	28050	28,016	Range OK!
CCV				1.00		10.0	5248	5,214	104.29%
Blank				1.00		10.0	59.35		Blank OK
NT69 A2				1.00		1.9	3000	2,966	Range OK!
NO90 A1	9.6	92.1	89.58%	9.59		2.4	6566	62,626	Range OK!
NO90 A1 dup	9.2	91.3	89.92%	9.92		2.4	7066	69,742	RPD=10.8%
NO90 A1 trp	9.2	91.9	89.99%	9.99		2.3	8028	79,809	RSD=12.2%

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
NO90 A1 ms	9.6	92.1	89.58%	9.59	10	2.8	12920	123,585	*Range OK!*
Spike =	*0.02*	*mg C to*	*0.3*	*mg samp=*	*66,527*	*ppm*		*89%*	
NO90 B1	10.9	102.8	89.40%	9.43		3.2	4914	45,985	*Range OK!*
NO90 C1	12.4	112.2	88.95%	9.05		2.0	6761	60,833	*Range OK!*
NO90 D1				1.00		0.9	77120	77,086	*Range OK!*
NO90 E1				1.00		1.1	28370	28,336	*Range OK!*
NO90 F1				1.00		1.3	33050	33,016	*Range OK!*
CCV				1.00		10.0	5171	5,137	*102.75%*
Blank				1.00		10.0	29.25		*Blank OK*
~~NN61 A1~~			-	~~1.00~~		~~0.9~~	~~59960~~	~~59,926~~	~~*Range OK!*~~
NN61 A1				1.00		0.9	74790	74,756	*Range OK!*
NN61 A1 dup				1.00		0.9	73560	73,526	*RPD=1.7%*
NN61 A1 trp				1.00		0.9	58710	58,676	*RSD=13%*
~~NN61 A1 ms~~			-	~~1.00~~	~~30~~	~~0.9~~	~~112100~~	~~112,066~~	~~*Range OK!*~~
~~*Spike =*~~	~~*0.06*~~	~~*mg C to*~~	~~*0.9*~~	~~*mg samp=*~~	~~*66,667*~~	~~*ppm*~~		~~*56%*~~	
NN61 A1 ms				1.00	30	0.9	150300	150,266	*Range OK!*
Spike =	*0.06*	*mg C to*	*0.9*	*mg samp=*	*66,667*	*ppm*		*113%*	
NN61 B1				1.00		3.2	8813	8,779	*Range OK!*
NIST 8704				1.00		3.8	28300	28,266	*84.35%*
CCV				1.00		10.0	5133	5,099	*101.99%*
~~Blank~~			-	~~1.00~~		~~10.0~~	~~130.4~~	-	~~*Check Blank*~~
Blank				1.00		10.0	11.78		*Blank OK*

(1) 10-22-08 (W)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

TOC Solids Sample Run Log

Page 1 of 2

Set-Up Parameters MODE: NPOC		INLET: BOAT
Standards:	Source	Conc (ppm)
Calibration:	ARI 0086-06	2000
Verification:	ERA 0852-08102	5000
SRM:	NBS 8704	33510

10:02

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
ICV			10			
ICB			10			
NBS 8704			3.4			
NSB 1			7.5			
2			11.3			
3			12.4			
4			12.7			
NN88 A1			1.9			
A1			2.0			
dA1			2.0			
pA1			2.0			
MSA1			2.6	2000	10	
B1			2.8			
CCV			10			
CCB			10			
NN88 C1			1.4			
D1			1.1			
E1			1.6			
F1			1.1			
G1			1.1			
NT34 D2			0.9			
E2			0.9			
F2			1.5			
G2			1.4			
H2			1.2			
CCV			10			
CCB			10			
NT69 A2			1.9			
NN90 A1	9.6	92.1	2.4			
dA1	9.2	91.3	2.4			
pA1	9.2	91.9	2.3			
MSA1	9.6	92.1	2.8	2000	10	

①10-22-08④

TOC Solids Sample Run Log

Set-Up Parameters MODE: NPOC		INLET: BOAT
Standards:	Source	Conc (ppm)
Calibration:	ART 0086-06	2000
Verification:	ERA 0852-08-02	5000
SRM:	NBS 8704	33510

10:02

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
NO90 B1	10.9	102.8	3.2			
C1	12.4	112.2	2.0			
D1			0.9			
E1			1.1			
F1			1.3			
CCV			10			
CCB			10			
NN61 A1			0.9			
A1			0.9			
mpA1			0.9			
vpA1			0.9			
MSA1			0.9	2000	30	
msA1			0.9	2000	30	
B1			3.2			
C1			3.2			
NBS 8704			3.8			
CCV			10			
CCB			10			

10-22-08 ④

10-22-08(W)

Operating Parameters

Analysis set-up 1
NPOC Analysis
Boat mode
Sample size 10.
Calibration factor 1.266259
System blank 0.
Std. concentration =2000.
Sample mass (mg) = 10.
1. NPOC = 5284. ug/g
11:19:01 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 33.35 ug/g
11:25:16 Wed Oct 22, 2008
Sample mass (mg) = 3.4
1. NPOC = 34410. ug/g
12:00:40 Wed Oct 22, 2008
Sample mass (mg) = 7.5
1. NPOC = 153.4 ug/g
12:05:55 Wed Oct 22, 2008
Sample mass (mg) = 11.3
1. NPOC = 84.57 ug/g
12:13:47 Wed Oct 22, 2008
Sample mass (mg) = 12.4
1. NPOC = 73.87 ug/g
12:24:48 Wed Oct 22, 2008
Sample mass (mg) = 12.7
1. NPOC = 71.13 ug/g
12:45:30 Wed Oct 22, 2008
Sample mass (mg) = 1.9
1. NPOC = 5609. ug/g
12:51:14 Wed Oct 22, 2008
Sample mass (mg) = 2.
1. NPOC = 7254. ug/g
12:55:44 Wed Oct 22, 2008
Sample mass (mg) = 2.
1. NPOC = 7139. ug/g
13:05:23 Wed Oct 22, 2008
Sample mass (mg) = 2.
1. NPOC = 7916. ug/g
13:19:26 Wed Oct 22, 2008
Sample mass (mg) = 2.6
1. NPOC = 14290. ug/g
13:27:47 Wed Oct 22, 2008
Sample mass (mg) = 2.8
1. NPOC = 3926. ug/g
13:34:21 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 5062. ug/g
13:43:39 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 34.93 ug/g
13:47:48 Wed Oct 22, 2008
Sample mass (mg) = 1.4
1. NPOC = 30540. ug/g
13:52:50 Wed Oct 22, 2008
Sample mass (mg) = 1.1

14:01:09 Wed Oct 22, 2008
Sample mass (mg) = 1.5
1. NPOC = 27060. ug/g
14:05:44 Wed Oct 22, 2008
Sample mass (mg) = 1.1
1. NPOC = 21190. ug/g
14:12:29 Wed Oct 22, 2008
Sample mass (mg) = 1.1
1. NPOC = 33420. ug/g
14:17:39 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 51270. ug/g
14:55:43 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 16800. ug/g
14:59:42 Wed Oct 22, 2008
Sample mass (mg) = 1.5
1. NPOC = 14050. ug/g
15:06:01 Wed Oct 22, 2008
Sample mass (mg) = 1.4
1. NPOC = 27590. ug/g
15:09:53 Wed Oct 22, 2008
Sample mass (mg) = 1.2
1. NPOC = 28050. ug/g
15:13:58 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 5248. ug/g
15:20:55 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 59.35 ug/g
15:25:37 Wed Oct 22, 2008
Sample mass (mg) = 1.9
1. NPOC = 3000. ug/g
15:45:08 Wed Oct 22, 2008
Sample mass (mg) = 2.4
1. NPOC = 6566. ug/g
15:50:28 Wed Oct 22, 2008
Sample mass (mg) = 2.4
1. NPOC = 7066. ug/g
15:54:51 Wed Oct 22, 2008
Sample mass (mg) = 2.3
1. NPOC = 8028. ug/g
15:58:32 Wed Oct 22, 2008
Sample mass (mg) = 2.8
1. NPOC = 12920. ug/g
16:09:51 Wed Oct 22, 2008
Sample mass (mg) = 3.2
1. NPOC = 4914. ug/g
16:13:42 Wed Oct 22, 2008
Sample mass (mg) = 2.
1. NPOC = 6761. ug/g
16:52:33 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 77120. ug/g
16:57:30 Wed Oct 22, 2008
Sample mass (mg) = 1.1
1. NPOC = 28370. ug/g
17:03:48 Wed Oct 22, 2008
Sample mass (mg) = 1.3
1. NPOC = 33050. ug/g
17:20:37 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 5171. ug/g
17:29:33 Wed Oct 22, 2008
Sample mass (mg) = 10.

17:36:53 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 59960. ug/g
17:41:20 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 74790. ug/g
17:47:05 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 73560. ug/g
17:51:43 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 58710. ug/g
17:57:25 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 112100. ug/g
18:27:53 Wed Oct 22, 2008
Sample mass (mg) = 0.9
1. NPOC = 150300. ug/g
18:51:02 Wed Oct 22, 2008
Sample mass (mg) = 3.2
1. NPOC = 8813. ug/g
19:03:21 Wed Oct 22, 2008
Sample mass (mg) = 3.8
1. NPOC = 28300. ug/g
19:09:33 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 5133. ug/g
19:15:22 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 130.4 ug/g
19:18:33 Wed Oct 22, 2008
Sample mass (mg) = 10.
1. NPOC = 11.78 ug/g
19:21:55 Wed Oct 22, 2008

Geotech Analysis

prepared
for

ANCHOR ENVIRONMENTAL, LLC

Project: KIMBERLY CLARK, 000105-01

ARI JOB NO: NN88

prepared
by

Analytical Resources, Inc.

Anchor Environmental, LLC
Kimberly Clark 000105-01

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (62)	31.00	15.60	7.80	3.90	2.00	1.00
AN-SB-01-080908	100.0	96.6	95.6	94.7	93.4	91.1	86.3	40.6	14.2	9.0	6.7	5.4	4.4	3.4
AN-SB-01-080908	100.0	98.0	96.7	96.0	94.7	92.4	87.6	41.2	15.2	9.7	7.3	5.7	4.8	3.7
AN-SB-01-080908	100.0	97.8	96.6	95.6	94.2	91.9	87.5	41.8	15.7	9.7	7.2	5.7	4.8	3.6
AN-SB-02-080908	100.0	97.3	94.1	91.3	89.2	86.6	73.7	35.3	19.0	11.6	8.6	6.6	5.2	3.7
AN-SB-03-080908	100.0	99.1	93.2	88.1	84.5	79.4	47.4	36.4	32.7	25.8	18.9	13.5	10.2	7.0
AN-SB-04-080908	100.0	94.0	85.8	79.0	74.9	63.5	21.7	14.9	10.8	7.4	5.4	4.1	3.1	2.2
AN-SB-05-080908	100.0	98.8	95.1	93.5	91.4	65.2	12.9	6.7	5.7	4.5	3.8	3.0	2.4	1.9
AN-SB-06-080908	100.0	99.0	96.6	95.0	92.6	66.9	19.4	13.6	9.8	7.2	5.2	3.8	2.9	2.2
AN-SB-07-080908	100.0	96.8	93.3	88.5	77.5	67.3	62.4	43.7	27.0	18.6	13.7	10.4	8.2	5.9

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

NN88

Anchor Environmental, LLC
Kimberly Clark 000105-01

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
AN-SB-01-080908	4.4	0.9	1.4	2.3	4.8	45.7	26.4	5.2	2.2	1.4	1.0	1.0	3.4	40.6
AN-SB-01-080908	3.3	0.7	1.3	2.4	4.7	46.4	26.0	5.5	2.3	1.6	1.0	1.1	3.7	41.2
AN-SB-01-080908	3.4	0.9	1.4	2.3	4.5	45.7	26.1	6.0	2.5	1.5	0.9	1.1	3.6	41.8
AN-SB-02-080908	5.9	2.8	2.2	2.6	12.9	38.4	16.3	7.4	3.0	2.0	1.4	1.5	3.7	35.3
AN-SB-03-080908	6.8	5.0	3.7	5.1	31.9	11.1	3.7	6.8	6.9	5.4	3.2	3.2	7.0	36.4
AN-SB-04-080908	14.2	6.8	4.1	11.4	41.8	6.8	4.1	3.4	1.9	1.3	1.0	0.9	2.2	14.9
AN-SB-05-080908	4.9	1.6	2.1	26.1	52.3	6.2	1.0	1.1	0.8	0.8	0.6	0.5	1.9	6.7
AN-SB-06-080908	3.4	1.6	2.4	25.7	47.5	5.8	3.8	2.6	1.9	1.4	0.9	0.8	2.2	13.6
AN-SB-07-080908	6.7	4.8	11.0	10.2	4.9	18.7	16.7	8.4	4.9	3.3	2.1	2.3	5.9	43.7

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

NN88

QA SUMMARY

PROJECT:	Anchor Environmental, LLC	Project No.:	Kimberly Clark 000105-01
ARI Triplicate Sample ID:	NN88 A	Batch No.:	NN88 -1
Client Triplicate Sample ID:	AN-SB-01-080908	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
AN-SB-01-080908	100.0	96.6	95.6	94.7	93.4	91.1	86.3	40.6	14.2	9.0	6.7	5.4	4.4	3.4
AN-SB-01-080908	100.0	98.0	96.7	96.0	94.7	92.4	87.6	41.2	15.2	9.7	7.3	5.7	4.8	3.7
AN-SB-01-080908	100.0	97.8	96.6	95.6	94.2	91.9	87.5	41.8	15.7	9.7	7.2	5.7	4.8	3.6
AVE	NA	97.44	96.30	95.47	94.11	91.79	87.13	41.20	15.03	9.44	7.08	5.60	4.66	3.59
STDEV	NA	0.76	0.61	0.66	0.69	0.66	0.74	0.61	0.80	0.42	0.31	0.20	0.23	0.16
%RSD	NA	0.78	0.63	0.69	0.73	0.71	0.85	1.48	5.30	4.48	4.39	3.60	4.94	4.41

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
AN-SB-01-080908	9/8/2008	10/23/2008	10/31/2008	100.4		15.2
AN-SB-01-080908	9/8/2008	10/23/2008	10/31/2008	101.0		15.4
AN-SB-01-080908	9/8/2008	10/23/2008	10/31/2008	99.5		15.6
AN-SB-02-080908	9/8/2008	10/23/2008	10/31/2008	102.1		12.8
AN-SB-03-080908	9/8/2008	10/23/2008	10/31/2008	99.4		10.1
AN-SB-04-080908	9/8/2008	10/23/2008	10/31/2008	99.7		6.1
AN-SB-05-080908	9/8/2008	10/23/2008	10/31/2008	98.8	SS	3.9
AN-SB-06-080908	9/8/2008	10/23/2008	10/31/2008	101.2		5.0
AN-SB-07-080908	9/8/2008	10/23/2008	10/31/2008	99.2		13.2

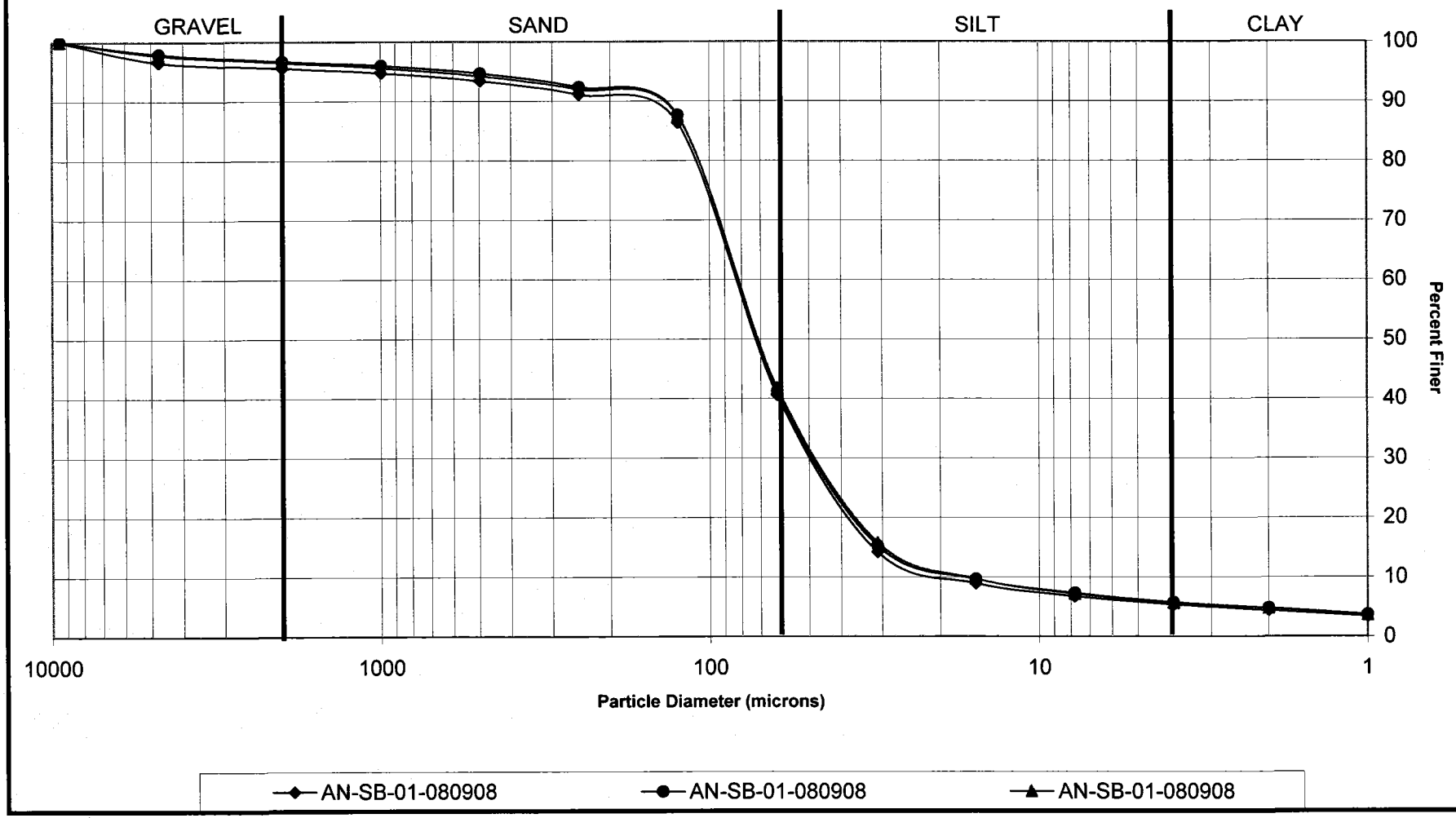
* ARI Internal QA limits = 95-105%

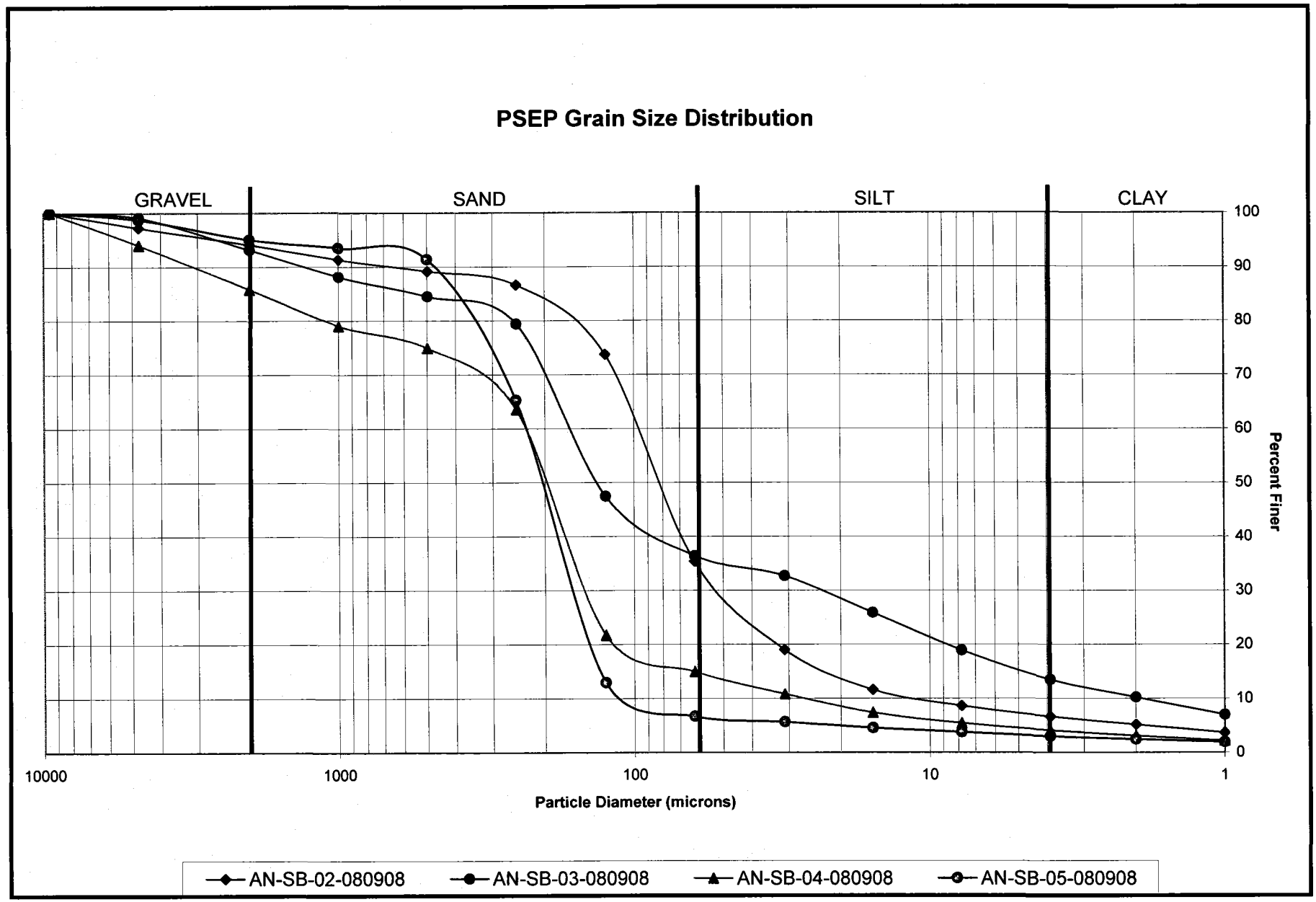
Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

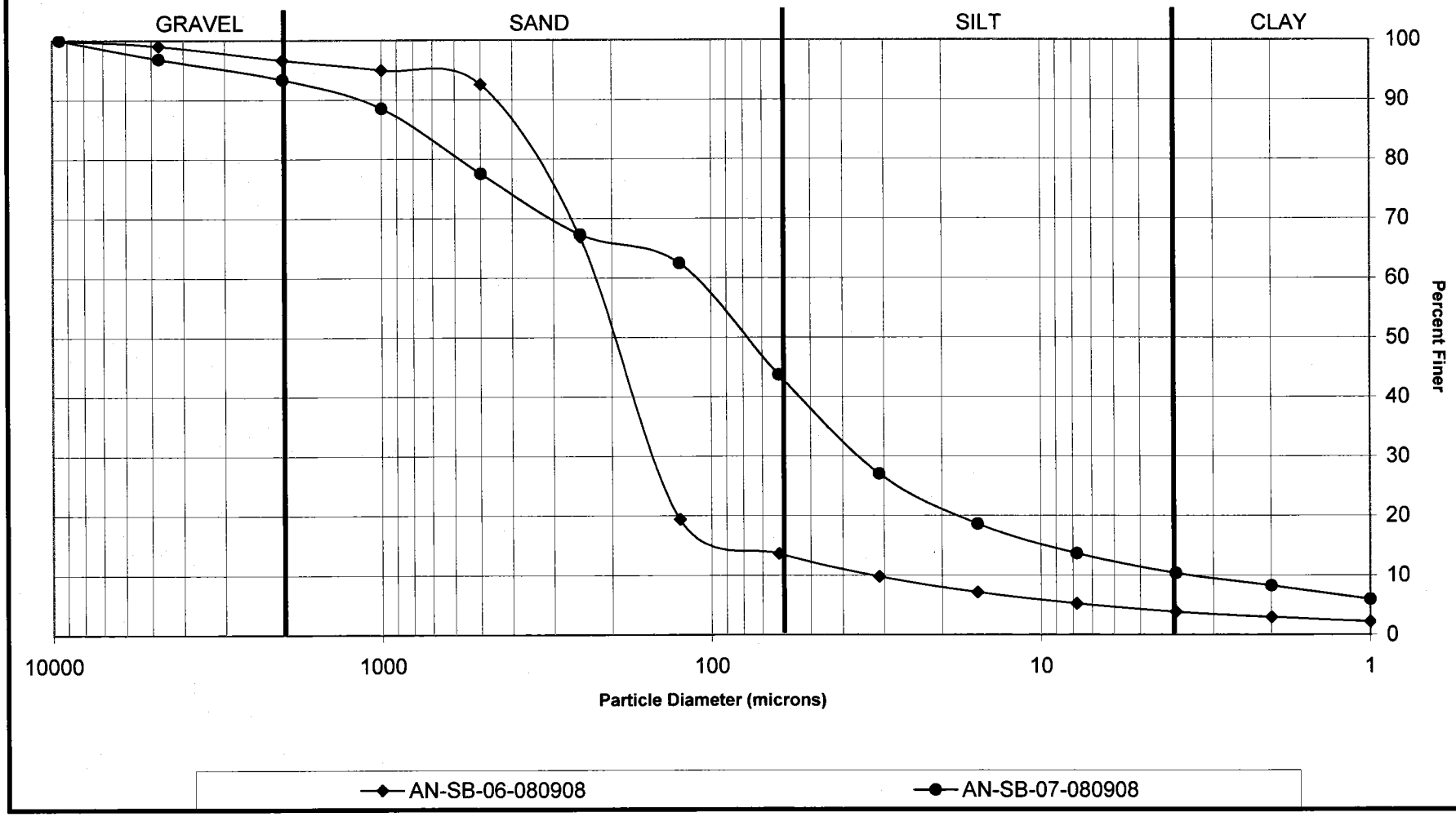
PSEP Grain Size Distribution

Triplicate Sample Plot




PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
AN-SB-02-080908
AN-SB-03-080908
AN-SB-04-080908
AN-SB-05-080908

PSEP Grain Size Distribution



PSEP GRAIN SIZE ANALYSIS

Job No. MW88 ARI Sample No. A-1 Client Sample No. MW-SB-01-080908

Set-up Date: 10-23-08 Sample Description: Sandy Silt, Shells, Organic Debris

Calgon Batch # 188 Sieve Set # 1 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials
Container No.	140
Tare Weight	1.5296
Wet Weight + Tare	28.7222
Dry Weight + Tare	20.1440

Test Sample	Initials
Container No.	140
Tare Weight	51.2835
Wet Weight + Tare	106.14169
Dry Weight + Tare	83.~~4963~~ 5032 AR

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	51.2881
4	52.5743
10	52.9380
18	53.2623
35	53.7777
60	54.6398
120	56.4406
230	73.5933
PAN	9.9409

10/30/2008

Temp:23

t Correction	
e Wt.	
e + Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI

Tare ID	Tare Wt	Dry Wt & Tare	TIME
88A-1-1	1.5174	1.8305	9:45:00
1-2	1.5171	1.6347	9:45:20
1-3	1.5188	1.5974	9:46:46
1-4	1.5101	1.5721	9:52:05
1-5	1.5202	1.5720	10:13:18
1-6	1.5271	1.5716	11:38:00
1-7	1.5217	1.5589	15:11:00
			8:21:00

PSEP GRAIN SIZE ANALYSIS

Job No. NN88 ARI Sample No. A-2 Client Sample No. AN-SB-01-080908

Set-up Date: 10-23-08 Sample Description:

Calgon Batch # 188 Sieve Set # 2 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	106
Tare Weight	1.4787
Wet Weight + Tare	28.5021
Dry Weight + Tare	19.8908

Test Sample	Initials CBL
Container No.	106
Tare Weight	50.3546
Wet Weight + Tare	105.0824 675 CBL
Dry Weight + Tare	81.0683

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.3511
4	51.1090
10	51.5702
18	51.8288
35	52.3183
60	53.2019
120	54.9666
230	72.2636
PAN	8.9084

10/30/2008

Temp:23

PIPETTE ANALYSIS
Initials FI

Tare ID	Tare Wt	Dry Wt & Tare	TIME
			9:48:00
88A-2-1	1.5418	1.8531	9:48:20
-2-2	1.5393	1.6653	9:49:46
-2-3	1.5492	1.6321	9:55:05
-2-4	1.5475	1.6132	10:16:18
-2-5	1.5452	1.5993	11:41:00
-2-6	1.5527	1.5997	15:14:00
-2-7	1.5229	1.5620	8:24:00

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. DN488 ARI Sample No. A-3 Client Sample No. AN-SB-01-080908

Set-up Date: 10-23-08 Sample Description: _____

Calgon Batch # 188 Sieve Set # 1 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials BR
Container No.	119
Tare Weight	1.5305
Wet Weight + Tare	28.5197
Dry Weight + Tare	19.8384

Test Sample	Initials BR
Container No.	119
Tare Weight	49.9944
Wet Weight + Tare	105.1563
Dry Weight + Tare	80.4185

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.9957
4	50.8233
10	51.2839
18	51.6310
35	52.1498
60	53.0080
120	54.6787
230	71.7746
PAN	8.6754

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI

Tare ID	Tare Wt	Dry Wt & Tare	TIME
A-3-1	1.5409	1.8688	9:51:00
3-2	1.5510	1.6810	9:51:20
3-3	1.5520	1.6367	9:52:46
3-4	1.5528	1.6186	9:58:05
3-5	1.5446	1.5989	10:19:18
3-6	1.5400	1.5877	11:44:00
3-7	1.5439	1.5830	15:17:00
			8:27:00

PSEP GRAIN SIZE ANALYSIS

Job No. NN88 ARI Sample No. B Client Sample No. AN-SB-02-080905

Set-up Date: 10-23-08 Sample Description: Sandy Silt, Shells, Organic Debris

Calgon Batch # 188 Sieve Set # 2 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials BR
Container No.	132
Tare Weight	1.4716
Wet Weight + Tare	27.7213
Dry Weight + Tare	18.6256

Test Sample	Initials BR
Container No.	132
Tare Weight	49.4406
Wet Weight + Tare	104.8832
Dry Weight + Tare	78.2152

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.4563
4	50.4502
10	51.5902
18	52.5981
35	53.3850
60	54.3256
120	58.9857
230	72.8880
PAN	5.3633

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI

Tare ID	Tare Wt	Dry Wt & Tare	TIME
B-1	1.5130	1.7660	9:54:00
B-2	1.5114	1.6581	9:54:20
B-3	1.5150	1.6090	9:55:46
B-4	1.5043	1.5773	10:01:05
B-5	1.5195	1.5783	10:22:18
B-6	1.5114	1.5600	11:47:00
B-7	1.5116	1.5494	15:20:00
			8:30:00

PSEP GRAIN SIZE ANALYSIS

Job No. NW88 ARI Sample No. C-1 Client Sample No. AN-SB-03080908

Set-up Date: 10-23-08 Sample Description: Sandy Silt, Shells, Organic Fines

Calgon Batch # 188 Sieve Set # 1 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials BBL
Container No.	101
Tare Weight	1.5035
Wet Weight + Tare	25.7543
Dry Weight + Tare	13.8632

Test Sample	Initials BBL
Container No.	101
Tare Weight	50.3457
Wet Weight + Tare	105.0179
Dry Weight + Tare	68.9307

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.3631
4	50.6099
10	52.2695
18	53.6724
35	54.6905
60	56.1133
120	65.0082
230	68.0940
PAN	0.9037

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI

Tare ID	Tare Wt	Dry Wt & Tare	TIME
C-1	1.5094	1.7269	9:57:00
C-2	1.5081	1.7028	9:57:20
C-3	1.5144	1.6709	9:58:46
C-4	1.5142	1.6318	10:04:05
C-5	1.5168	1.6040	10:25:18
C-6	1.5118	1.5808	11:50:00
C-7	1.5130	1.5645	15:23:00
			8:33:00

PSEP GRAIN SIZE ANALYSIS

Job No. NN88 ARI Sample No. D Client Sample No. NW-SB-04-080908

Set-up Date: 10-23-08 Sample Description: Sandy Silt, Shells

Calgon Batch # 188 Sieve Set # 2 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials AR
Container No.	149
Tare Weight	1.5123
Wet Weight + Tare	28.3892
Dry Weight + Tare	19.1323

Test Sample	Initials AR
Container No.	149
Tare Weight	49.8755
Wet Weight + Tare	107.2660
Dry Weight + Tare	85.8679

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.8850
4	52.3133
10	55.6556
18	58.4150
35	60.0909
60	64.7440
120	81.7487
230	84.4991
PAN	1.3579

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI

Tare ID	Tare Wt	Dry Wt & Tare	TIME
D-1	1.5279	1.6637	10:00:00
D-2	1.5309	1.6308	10:00:20
D-3	1.5166	1.5885	10:01:46
D-4	1.5185	1.5746	10:07:05
D-5	1.5395	1.5847	10:28:18
D-6	1.5149	1.5520	11:53:00
D-7	1.5105	1.5400	15:26:00
			8:36:00

PSEP GRAIN SIZE ANALYSIS

Job No. NW88 ARI Sample No. Σ Client Sample No. NW-SB-05-080908

Set-up Date: 10-23-08 Sample Description: Sand, Organic Debris

Calgon Batch # 188 Sieve Set # 1 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials BR
Container No.	156
Tare Weight	1.5209
Wet Weight + Tare	34.6894
Dry Weight + Tare	22.8857

Test Sample	Initials BR
Container No.	156
Tare Weight	50.5509
Wet Weight + Tare	140.8704
Dry Weight + Tare	106.1119

SIEVE ANALYSIS
Initials AK

Sieve Size	Weight Retained
Tare	50.5747
4	51.2951
10	53.4787
18	54.4264
35	55.6622
60	71.0326
120	101.8413
230	105.5006
PAN	0.6085

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
			10:03:00
2-1	1.5162	1.6067	10:03:20
2-2	1.5149	1.5933	10:04:46
2-3	1.5185	1.5836	10:10:05
2-4	1.5221	1.5782	10:31:18
2-5	1.5202	1.5673	11:56:00
2-6	1.5340	1.5744	15:29:00
2-7	1.5215	1.5559	8:39:00

PSEP GRAIN SIZE ANALYSIS

Job No. NN88 ARI Sample No. F Client Sample No. AN-SB-06-080908

Set-up Date: 10-23-08 Sample Description: Sandy Silt, Organic Debris, Shells

Calgon Batch # 188 Sieve Set # 2 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	160
Tare Weight	1.4912
Wet Weight + Tare	39.1146
Dry Weight + Tare	26.5057

Test Sample	Initials BL
Container No.	160
Tare Weight	50.6705
Wet Weight + Tare	106.0235
Dry Weight + Tare	83.3208

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.6859
4	51.0452
10	51.9393
18	52.5438
35	53.4255
60	62.8811
120	80.3457
230	82.4725
PAN	0.8452

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials EF

Tare ID	Tare Wt	Dry Wt & Tare	TIME
F-1	1.5265	1.6297	10:06:00
F-2	1.5087	1.5916	10:06:20
F-3	1.5066	1.5703	10:07:46
F-4	1.5098	1.5596	10:13:05
F-5	1.5051	1.5447	10:34:18
F-6	1.5095	1.5426	11:59:00
F-7	1.5046	1.5322	15:32:00
			8:42:00

PSEP GRAIN SIZE ANALYSIS

Job No. NN84 ARI Sample No. G Client Sample No. NSB-07-080908

Set-up Date: 10-23-08 Sample Description: Sandy Silt, lots of Organics

Calgon Batch # 188 Sieve Set # 1 Date Sieved: 10/29/08

SOLIDS CONTENT

Moisture Content	Initials GBL
Container No.	176
Tare Weight	1.4720
Wet Weight + Tare	27.5739
Dry Weight + Tare	11.8556

Test Sample	Initials GBL
Container No.	176
Tare Weight	50.3678
Wet Weight + Tare	126.4170
Dry Weight + Tare	71.5451

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.3867
4	51.3508
10	52.4009
18	53.8620
35	57.1975
60	60.2870
120	61.7658
230	67.4271
PAN	4.3044

10/30/2008

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FT

Tare ID	Tare Wt	Dry Wt & Tare	TIME
G-1	1.5069	1.7878	10:09:00
G-2	1.5093	1.6858	10:09:20
G-3	1.5077	1.6327	10:10:46
G-4	1.5038	1.5989	10:16:05
G-5	1.5072	1.5821	10:37:18
G-6	1.5059	1.5679	12:02:00
G-7	1.5183	1.5662	15:35:00
			8:45:00

Analytical Resources, Inc.

Pore Water Extraction

ARI Job No.: NN88 Date: 9/11/08 - 9/12/08 Tested By: EB/gs Analytes: NH_3, S_2

Aerobic ( )
Anaeorobic (X)

Volume Required: _____

Filtered ( )
Filter Material: _____
Filter Size: _____

Centrifugation 1:	Speed:	3000rpm	Temp:	4°C	Duration:	30min	O2 Level:	<1%
Centrifugation 2:	Speed:	7000Rpm	Temp:	4°C	Duration:	30min	O2 Level:	<1%

Centrifugation 1

ARI ID	Start Time	Estimated Recovery	Decant Time
C	16:20	40mls	17:00
E	16:20	30mls	17:00
F	16:20	35mls	17:00
G	16:20	40mls	17:00

Centrifugation 2

ARI ID	Start Time	Estimated Recovery	Decant Time
C	7:35	40mls	8:10
E	7:35	30mls	8:11
G	7:35	40mls	8:12
F	8:15	35mls	8:55

Notes:

Analytical Resources, Inc.

Pore Water Extraction

ARI Job No.: NN88 Date: 9/11/08 Tested By: gs/EG Analytes: ~~H2~~ NH_3, S_2

Aerobic ( )
Anaeorobic ~~(X)~~

Volume Required: _____

Filtered ( )
Filter Material: _____
Filter Size: _____

Centrifugation 1:	Speed:	3000 RPM	Temp:	4°C	Duration:	30min	O2 Level:	<1%
Centrifugation 2:	Speed:	7000RPM	Temp:	4°C	Duration:	30min	O2 Level:	<1%

Centrifugation 1

ARI ID	Start Time	Estimated Recovery (ml)	Decant Time
A	15:35	40	16:10
B	15:35	40	16:10
D	15:35	35	16:10

Centrifugation 2

ARI ID	Start Time	Estimated Recovery (ml)	Decant Time
A	16:35	40	18:15
B	16:35	40	18:16
D	16:35	35	18:17

Notes: