

Callaway2COLPEm Resource

From: Klang, Susan L [SKlang@ameren.com]
Sent: Monday, June 29, 2009 6:13 AM
To: Olson, Bruce
Cc: Shafer, David E; Gary, Gail P
Subject: RE: ALNRC 0025
Attachments: June 19th Groundwater Document.pdf

Importance: High

Here is the entire June 19, 2007 letter. (11 pages total).

I understand that you no longer need us to provide additional documents for Enclosures H and K.

Let me know if this closes out all open items from the ALNRC00025 enclosures. Thanks! Susan Klang

From: Olson, Bruce [mailto:Bruce.Olson@nrc.gov]
Sent: Thursday, June 25, 2009 3:54 PM
To: Klang, Susan L
Cc: Shafer, David E
Subject: ALNRC 0025

I have determined what the contents of Enclosures H and K are, and I have prepared an index so the hard copy data can be put into our database as it is.

I just need the even pages from a lab report dated June 19, 2007 starting on page 50 (of 601) of the Lab Round 4.pdf file of Enclosure L.

Five even pages 2, 4, 6, 8, and 10 of 11 were apparently not scanned into the pdf file.

Please provide those pages to me with a quick email and I will get this thing into the system.

Thanks.....

Bruce Olson, P.E.
Environmental Project Manager
NRC/NRO/DSER/RAP1
301-415-3731

From: Klang, Susan L [mailto:SKlang@ameren.com]
Sent: Tuesday, June 23, 2009 10:52 AM
To: Olson, Bruce
Subject: Missing NSRB Reports
Importance: High

Bruce – attached are the missing NSRB reports that you requested (Enclosure K). You have now received all missing items from the enclosures with ALNRC 00025. Thanks!

Susan Klang

Nuclear Generation Development

573-676-4277

SKlang@Ameren.com

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Hearing Identifier: CallawayPlant_Unit2_COL_Public
Email Number: 250

Mail Envelope Properties (4524C8117330EA429AA592E99946A50606250E66)

Subject: RE: ALNRC 0025
Sent Date: 6/29/2009 6:13:09 AM
Received Date: 6/29/2009 6:13:32 AM
From: Klang, Susan L

Created By: SKlang@ameren.com

Recipients:

"Shafer, David E" <DShafer@ameren.com>
Tracking Status: None
"Gary, Gail P" <GGary@ameren.com>
Tracking Status: None
"Olson, Bruce" <Bruce.Olson@nrc.gov>
Tracking Status: None

Post Office: exchcal.corp.dir.ameren.com

Files	Size	Date & Time
MESSAGE	3498	6/29/2009 6:13:32 AM
June 19th Groundwater Document.pdf		415379

Options

Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:



Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02008

June 19, 2007

Re issued w/ client results.

Client Services
Pace Kansas
9608 Loiret Boulevard
Lenexa, KS 66219

RE: Project: 2070518
RE: Project ID: 6023728

Dear Client Services:

Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karen Brown



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006



Report of Laboratory Analysis
Project Number: 2070518



6/19/2007 16:30:13



Sample Cross Reference Report

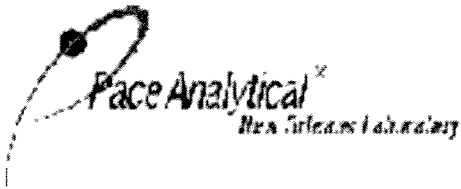
Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: PASI Kansas
Project: 6023728
Project No.: 2070518

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
MW-2S	6023728001	Water	06/05/2007	11:35	06/06/2007	10:30
FB-4	6023728002	Water	06/05/2007	16:30	06/06/2007	10:30
EB-1	6023728003	Water	06/05/2007	16:45	06/06/2007	10:30

6/19/2007 16:30:16

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202



Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2070518

Sample Receipt Condition:

All samples were received in accordance with EPA protocol.

Holding Times:

All holding times were met.

Blanks:

All blank results were below reporting limits.

Laboratory Control Samples:

All LCS recoveries were within QC limits.

Matrix Spikes and Duplicates:

All MS/MSD recoveries or duplicate RPDs were within QC limits.

6/19/2007 16:30:43

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
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Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2070518

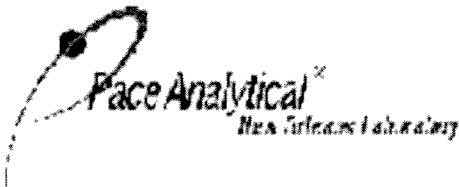
Analytical Method	Batch	Sample used for QC
SM 4500-Si C	87318	Client sample MW-1D from project 2070520

6/19/2007 16:30:46

For the sample used as the original for the DUP or MS/MSD for the batch:

- Project sample means a sample from this project was used.
- Client sample means a sample from the same client but in a different project was used.
- Batch sample means a sample from the a different client was used.

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Report of Laboratory Analysis

Pace Analytical Services, Inc.
 1000 Riverbend Blvd. Suite F
 St. Rose, LA 70087
 Phone: 504.469.0333
 Fax: 504.469.0555
 LELAP # 02006

Client ID: MW-2S

Client: PASI Kansas

Project: 6023728

Site: None

Lab ID: 6023728001

Project No.: 2070518

Description: None

Matrix: Water

%Moisture: n/a

Collected: 06/05/07

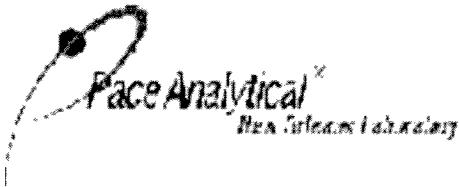
Received: 06/06/07

ParameterName	Method	Batch	DF	Result	Qu	Reporting		Prep.	Analysis	Reg. Limit
						Units	Limit			
Silica	SM 4500-Si C	87318	1	18.6		mg/L	1.00	18-Jun-07	18-Jun-07 11:59	TAE

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 PF other than 1 denotes sample Prep Factor which accounts for a non-routine sample size.
 DF denotes Dilution Factor of final sample.
 Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
 (1b) Flash point less than 140 degrees F is hazardous for ignitability.

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New Orleans Laboratory Certifications
 Louisiana Dept. of Environmental Quality (LELAP) - 02006
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 Kansas Dept. of Health Environment - E-10266
 U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
 Pennsylvania DEP (NELAC) 68-04202



Report of Laboratory Analysis

Pace Analytical Services, Inc.
 1000 Riverbend Blvd. Suite F
 St. Rose, LA 70087
 Phone: 504.469.0333
 Fax: 504.469.0555
 LELAP # 02006

Client ID: FB-4

Client: PASI Kansas

Project: 6023728

Site: None

Lab ID: 6023728002

Project No.: 2070518

Description: None

Matrix: Water

%Moisture: n/a

Collected: 06/05/07

Received: 06/06/07

ParameterName	Method	Batch	DF	Result	Qu	Reporting		Prep.	Analysis	Reg. Limit
						Units	Limit			
Silica	SM 4500-Si C	87318	1	ND		mg/L	1.00	18-Jun-07	18-Jun-07 11:59	TAE

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 PF other than 1 denotes sample Prep Factor which accounts for a non-routine sample size.
 DF denotes Dilution Factor of final sample.
 Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
 (1b) Flash point less than 140 degrees F is hazardous for ignitibility.

6/19/2007 16:30:49
 New Orleans Laboratory Certifications
 Louisiana Dept. of Environmental Quality (LELAP) - 02006
 Arkansas Dept. of Environmental Quality - 88-0681
 Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
 Florida Dept. of Health (NELAC) - E87595
 Kansas Dept. of Health Environment - E-10266
 U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
 Pennsylvania DEP (NELAC) 68-04202



Report of Laboratory Analysis

Pace Analytical Services, Inc.
 1000 Riverbend Blvd. Suite F
 St. Rose, LA 70087
 Phone: 504.469.0333
 Fax: 504.469.0555
 LELAP # 02006

Client ID: EB-1

Client: PASI Kansas

Project: 6023728

Site: None

Lab ID: 6023728003

Project No.: 2070518

Description: None

Matrix: Water

%Moisture: n/a

Collected: 06/05/07

Received: 06/06/07

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Silica	SM 4500-Si C	87318	1	ND		mg/L	1.00		18-Jun-07	18-Jun-07 12:13	TAE

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 PF other than 1 denotes sample Prep Factor which accounts for a non-routine sample size.
 DF denotes Dilution Factor of final sample.
 Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
 (1b) Flash point less than 140 degrees F is hazardous for ignitability.

6/19/2007 16:30:49
New Orleans Laboratory Certifications
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 Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
 Florida Dept. of Health (NELAC) - E87595
 Kansas Dept. of Health Environment - E-10266
 U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
 Pennsylvania DEP (NELAC) 68-04202



Report of Quality Control

Pace Analytical Services, Inc.
 1000 Riverbend Blvd. Suite F
 St. Rose, LA 70087
 Phone: 504.469.0333
 Fax: 504.469.0555
 LELAP # 02006

Project: 2070518

Parameter	Batch	Blank	ARL	Units	LCS Spike	LCS Found	LCS %Rec	MS Spike	Sample Found	MS Found	MSD Found	MS %Rec	MSD %Rec	MSD RPD	DUP RPD	QC Limits	Max RPD	Qu
Silica	87318	ND	1.00	mg/L	10	10.99	110									90 - 110	-	
Silica	87318			mg/L					8.77						0	-	-	20

* denotes recovery outside of QC limits.
 ARL denotes Adjusted Reporting Limit, corrected for sample size, dilution and moisture content as applicable.
 MS/MSD RPD is calculated via SW-846 rules on the basis of spiked sample concentrations rather than spike recoveries.

6/19/2007 16:30:52
New Orleans Laboratory Certifications
 Louisiana Dept. of Environmental Quality (LELAP) - 02006
 Arkansas Dept. of Environmental Quality - 88-0681
 Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
 Florida Dept. of Health (NELAC) - E87596
 Kansas Dept. of Health Environment - E-10266
 U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
 Pennsylvania DEP (NELAC) 68-04202



CHAIN-OF-CUSTODY / Analytical Request Document
 The chain-of-custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Required Client Information: Section A

Company:	Paul C Rizzo Environmental	Report To:	Dan Carey
Address:	602 Market Street, Box 103	P. O.:	
Phone:	Fulton MO 65251	Project Name:	GROUND Subsurface Water Quality
Fax:	573-676-6304	Site Address:	
Location: (State):	Missouri	Project No.:	

Required Client Information: Section B

Email Results:	
Requested Due Date:	
Quote Reference:	
Project Manager:	
Project #:	
Profile #:	

Required Client Information:

ITEM NUMBER	SAMPLE ID (print clearly)	Matrix ID:				Date Collected	Time Collected	# of Containers	Preservatives						Requested Analysis						REMARKS / LAB ID				
		Water	Tissue	Soil	Other:				H2SO4	HN03	HCl	TSP or Na2S2O3	Methanol	SO4 CL N02/N03	Orthophosphate Alk	ICP Metal (6010)	Ammonia Total Phos	BOD, TSS, TDS, COLOR	Hardness						
1	MW-25 18P14-18P24 18P35.5					4/5/07	1135	53	1	18P35.5					X	X	X	X	X	X					001 Rizzo Ground Water
2	FB-4					"	1630	53	1						X	X	X	X	X	X					002
3	FB-1					"	1645	53	1						X	X	X	X	X	X					003
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM#	REL. REQUESTED BY / AFFILIATION	DATE	ACCEPTED BY / AFFILIATION	DATE	TIME
Pickup		6/5/07	1		JACK RIESER	6/5/07	JACK RIESER	6/5/07	10:30

SAMPLE NOTES:

Temp in C	2.7
Received on ice	0/N
Sealed Cooler	0/N
Sample intact	0/N

5-4
 Fed Ex 6/18/07 10:30
 67460 0440

SAMPLER NAME AND SIGNATURE

PRINT NAME OF SAMPLER: JACK RIESER
 SIGNATURE OF SAMPLER: [Signature]

Additional Comments:

LAB ID: 65107



CHAIN-OF-CUSTODY / Analytical Request Document

The chain-of-custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Required Client Information: Section A

Company:	Paul C Rizzo Environmental		
Address:	602 Market Street, Box 103		
Phone:	Fulton MO 65251	Project Name:	GROUND WATER Quality
Fax:	573-676-6304	Site Address:	
Location (State):	Missouri	Project No.:	

Required Client Information: Section B

Report To:	Dan Carey		
P. O.:			
Requested Due Date:			
Quote Reference:			
Project Manager:			
Project #:			
Profile #:			

Required Client Information

Email Results:	Copy To:	Invoice To:	
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Required Client Information:

SAMPLE ID (print clearly)	Matrix ID:	Water	Tissue	Soil	Other:

ITEM NUMBER	SAMPLE ID (print clearly)	Date Collected	Time Collected	# of Containers	Preservatives						Requested Analysis				REMARKS / LAB ID	
					H2SO4	HN03	HCl	NaOH	TSP or Na2s203	Methanol	ODOR					
1	MW-25 18P14 18P24 18P31.5	6/5/07	1135	1	X											001
2	FB-4	"	1230	1	X											002
3	EB-1	"	1645	1	X											003
4																
5																
6																
7																
8																
9																
10																
11																
12																

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM#	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
PICK UP					WSP / MATC	6/5/07	1930	WSP / MATC	6/5/07	1930
SAMPLE NOTES: Temp in C: 2.7 Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Sealed Cooler: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Sample Intact: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N										

SAMPLER NAME AND SIGNATURE: *[Signature]*
 PRINT NAME OF SAMPLER: JACK E. FUERNBERG
 SIGNATURE OF SAMPLER: *[Signature]*

Additional Comments: *5-4*

DATE ISSUED: 6/5/07