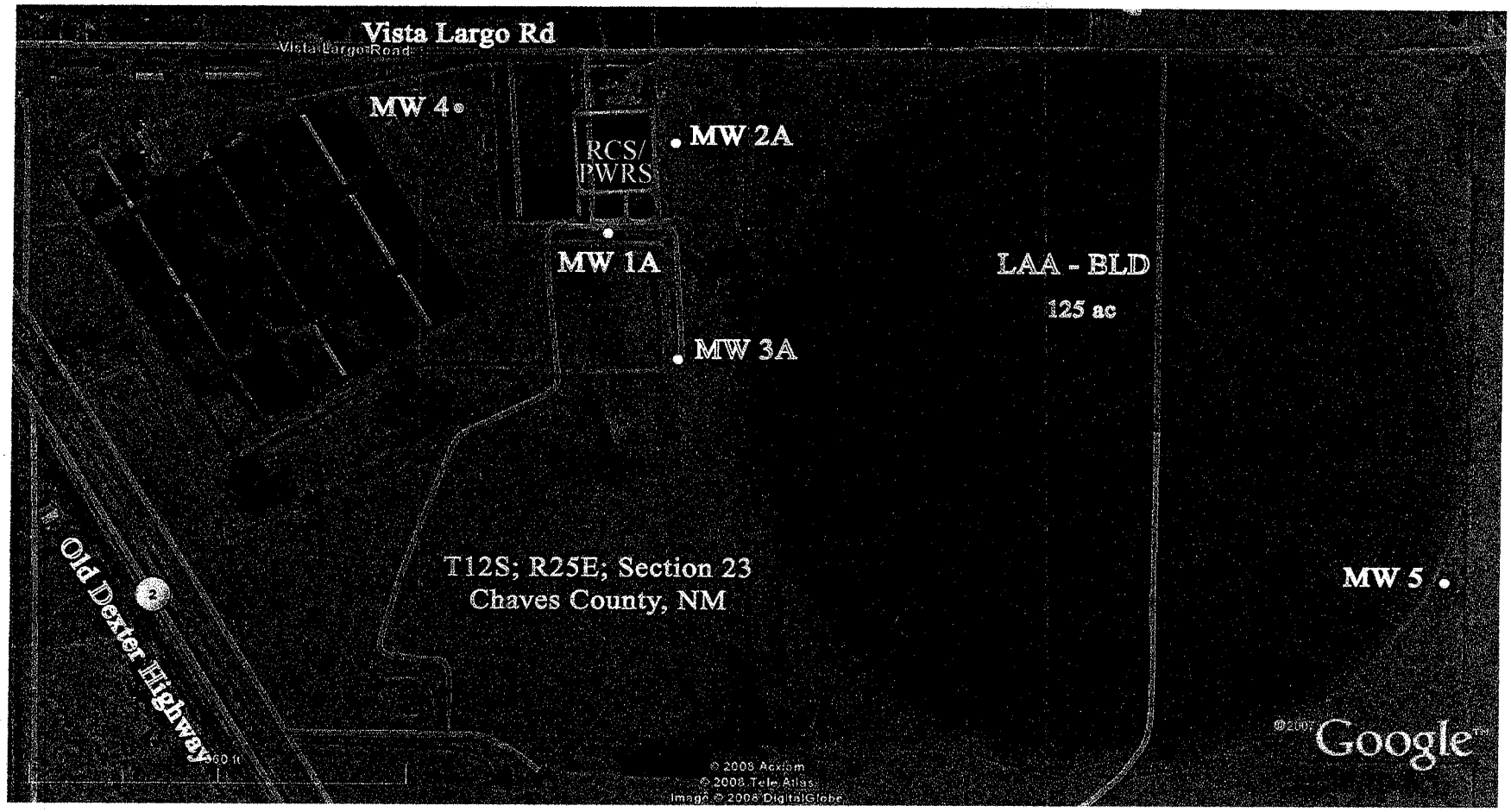

Enviro Compliance Services, Inc.

Office: (505) 762-9674 Fax: (505) 762-3749

Providing Management Assistance for Environmental Compliance Since 1981

GROUND WATER

SEP 03 2009

BUREAU

Title: Baca Linda Dairy Overall Site Layout		DP-667
Date: 10/09/2008	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-667

487

DP - 487

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/16/09 @ 0 °C
Reporting Date: 07/28/09
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 07/15/09 @ 15:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		07/21/09	07/24/09	07/21/09	07/20/09
Time Analysis Batch Started:		10:15	16:25	8:45	10:30
AN14871-1	MW 1A	4,535	540	0.8	51.5
AN14871-2	MW 2A	4,670	535	2.0	7.5
AN14871-3	MW 3A	5,660	865	1.0	90.8
AN14871-4	MW 4	3,305	350	0.7	17.0
AN14871-5	MW 6	2,000	250	0.3	6.1
AN14871-6	PWRS	1,390	100	180	0.56
Date Analysis Batch Finished:		07/22/09	07/24/09	07/21/09	07/20/09
Time Analysis Batch Finished:		16:35	18:40	17:05	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		972	51	5.19	1.0285
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		97	102	104	103
Hi - Low Limits		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	102	104	99
Relative Percent Difference		0	1	2	4
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez, Director.

07/28/09
Date

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 01/19/09 @ 0° C
Reporting Date: 01/30/09
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 01/17/09 @ 14:00
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		01/20/09	01/27/09	01/29/09	01/26/09
Time Analysis Batch Started:		10:50	10:40	8:40	11:00
AN14130-1	MW 1A	4,110	530	1.6	43.3
AN14130-2	MW 2A	4,660	520	2.3	12.0
AN14130-3	MW 3A	4,625	940	1.1	73.3
AN14130-4	MW 4	4,050	570	1.8	11.7
AN14130-5	MW 5	2,435	240	0.4	8.8
AN14130-6	MW 6 Initial	1,930	210	0.7	7.0
AN14130-7	PWRS	1520	120	3.5	0.06
Date Analysis Batch Finished:		01/21/09	01/27/09	01/29/09	01/26/09
Time Analysis Batch Finished:		15:50	12:30	17:40	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1016	50	5.06	1.0060
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		102	100	101	101
% Extraction Accuracy		N/A	101	101	102
Relative Percent Difference		2	0	2	8
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.
This report meets NELAC T104704437-08A-TX

Mario Rodriguez, Director

01-30-09
Date

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 10/11/08 @ 1° C
Reporting Date: 10/27/08
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 10/09/08 @ 13:30
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		10/14/08	10/13/08	10/20/08	10/23/08
Time Analysis Batch Started:		16:00	13:30	9:00	11:00
AM13756-1	MW 1A	4,310	475	0.8	31.4
AM13756-2	MW 2A	4,370	510	2.3	23.2
AM13756-3	MW 3A	5,635	950	1.3	79.7
AM13756-4	MW 4	1,250	800	1.4	9.9
AM13756-5	MW 5	2,735	250	0.4	8.0
Date Analysis Batch Finished:		10/15/08	10/13/08	10/21/08	10/23/08
Time Analysis Batch Finished:		17:20	17:00	10:55	15:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.00	0.9785
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	100	98
% Extraction Accuracy		N/A	101	109	101
Relative Percent Difference		0	0	4	7
METHODS: EPA 600/4-79-020,		160.1	SM4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez
Mario Rodriguez, Director.

11-03-08
Date

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 06/05/08 @ 1° C
Reporting Date: 06/23/08
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 06/03/08 @ 16:00
Sample Type: WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-N (mg/L)
Date Analysis Batch Started:		06/10/08	06/12/08	06/12/08	06/17/08
Time Analysis Batch Started:		8:30	9:50	8:40	11:45
AM13162-1	MW 1A	4,460	505	0.8	5.8
AM13162-2	MW 2A	4,795	545	2.2	6.9
AM13162-3	MW 3A	4,730	730	1.0	4.1
AM13162-4	MW 4	4,030	510	1.6	5.8
AM13162-5	MW 5	2,630	230	< 0.2 *	6.6
Date Analysis Batch Finished:		06/12/08	06/12/08	06/12/08	06/17/08
Time Analysis Batch Finished:		11:55	11:00	17:20	16:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.04	1.0556
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	101	106
% Extraction Accuracy		N/A	98	90	103
Relative Percent Difference		1	0	6	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

06/23/08

Date

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

ANALYTICAL RESULTS FOR
COWBELL TESTING
ATTN: AMY MUNSON
P. O. BOX 310
HAGERMAN, NM 88232
PHONE: (505) 752-0939

Receiving Date: 01/17/06
Reporting Date: 01/30/06
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 01/15/06
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: RG
Analyzed By: RG

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		01/20/06	01/24/06	01/24/06	01/19/06
Time Analysis Batch Started:		15:10	15:35	14:35	12:00
AK10047-1	MW 1A	3890	320	0.5	47.7
AK10047-2	MW 2A	3985	430	0.9	61.2
AK10047-3	MW 3A	5375	870	0.8	140.2
AK10047-4	MW 4	3835	665	1.1	35.9
AK10047-5	MW 5	1755	260	< 0.2 *	2.1
AK10047-6	LAGOON	3835	350	200	0.62
Date Analysis Batch Finished:		01/23/06	01/24/06	01/25/06	01/19/06
Time Analysis Batch Finished:		9:37	16:50	12:47	16:50
Blank		< 1*	< 1*	< 0.2*	< 0.01 *
Quality Control		992	51	4.82	0.4863
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		99	102	96	97
% Extraction Accuracy		N/A	106	91	94
Relative Percent Difference		0	0	7	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

1-30-06
Date

Chris V.

Advanced Analysis, Inc.

GROUND WATER

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

AUG 09 2006

BUREAU

ANALYTICAL RESULTS FOR
COWBELL TESTING
ATTN: AMY MUNSON
P. O. BOX 310
HAGERMAN, NM 88232
PHONE: (505) 752-0939

Receiving Date: 04/24/06
Reporting Date: 05/09/06
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 04/22/06
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, TE

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		04/27/06	05/01/06	04/26/06	04/25/06
Time Analysis Batch Started:		8:25	13:00	12:00	13:00
AK10415-1	MW 1A	3,970	335	< 0.2	46.7
AK10415-2	MW 2A	4,430	475	0.9	62.9
AK10415-3	MW 3A	5,550	900	< 0.2	129.6
AK10415-4	MW 4	5,610	265	< 0.2	19.5
AK10415-5	LAGOON	3,735	550	215	0.09
Date Analysis Batch Finished:		04/28/06	05/01/06	04/28/06	04/25/06
Time Analysis Batch Finished:		10:43	16:50	15:20	16:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	51	4.71	0.497
True Value QC		1000	50	5.00	0.500
% Instrument Accuracy		100	102	94	99
% Extraction Accuracy		N/A	97	109	112
Relative Percent Difference		1	3	1	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

5-09-06
Date

GROUND WATER
DEC 1 1 2006
BUREAU

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Dec-06*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3A
Lab Order:	0611265	**Collection Date:**	11/20/2006 11:20:00 AM
Project:	Baca Linda Dairy	**Date Received:**	11/21/2006
Lab ID:	0611265-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	910	5.0		mg/L	50	12/2/2006 1:17:34 AM
Nitrate (As N)+Nitrite (As N)	150	1.0		mg/L	10	12/2/2006 1:34:59 AM
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	5000	20		mg/L	1	11/22/2006
EPA METHOD 351.3: TKN						Analyst: MAP
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	12/4/2006

Highest N

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Dec-06*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-4
Lab Order:	0611265	**Collection Date:**	11/20/2006 9:15:00 AM
Project:	Baca Linda Dairy	**Date Received:**	11/21/2006
Lab ID:	0611265-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	490	2.0		mg/L	20	12/2/2006 1:52:23 AM
Nitrate (As N)+Nitrite (As N)	24	0.50		mg/L	5	12/2/2006 2:09:47 AM
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	3700	20		mg/L	1	11/22/2006
EPA METHOD 351.3: TKN						Analyst: MAP
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	12/4/2006

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Chris V.

487

Advanced Analysis, Inc.

GROUND WATER

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

AUG 09 2006

BUREAU

ANALYTICAL RESULTS FOR
COWBELL TESTING
ATTN: AMY MUNSON
P. O. BOX 310
HAGERMAN, NM 88232
PHONE: (505) 752-0939

Receiving Date: 04/24/06
Reporting Date: 05/09/06
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 04/22/06
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, TE

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		04/27/06	05/01/06	04/26/06	04/25/06
Time Analysis Batch Started:		8:25	13:00	12:00	13:00
AK10415-1	MW 1A	3,970	335	< 0.2	46.7
AK10415-2	MW 2A	4,430	475	0.9	62.9
AK10415-3	MW 3A	5,550	900	< 0.2	129.6
AK10415-4	MW 4	5,610	265	< 0.2	19.5
AK10415-5	LAGOON	3,735	550	215	0.09
Date Analysis Batch Finished:		04/28/06	05/01/06	04/28/06	04/25/06
Time Analysis Batch Finished:		10:43	16:50	15:20	16:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	51	4.71	0.497
True Value QC		1000	50	5.00	0.500
% Instrument Accuracy		100	102	94	99
% Extraction Accuracy		N/A	97	109	112
Relative Percent Difference		1	3	1	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

not highest

High TKN

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

5-09-06
Date

487

Advanced Analysis, Inc.

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Tel: (806) 796-2805 Fax : (806) 796-2825

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 01/19/09 @ 0° C
Reporting Date: 01/30/09
Project Number: DP-487
Project Name: BACA LINDA DAIRY
Project Location: DEXTER, NM

Sampling Date: 01/17/09 @ 14:00
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		01/20/09	01/27/09	01/29/09	01/26/09
Time Analysis Batch Started:		10:50	10:40	8:40	11:00
AN14130-1	MW 1A	4,110	530	1.6	43.3
AN14130-2	MW 2A	4,660	520	2.3	12.0
AN14130-3	MW 3A	4,625	940	1.1	73.3
AN14130-4	MW 4	4,050	570	1.8	11.7
AN14130-5	MW 5	2,435	240	0.4	8.8
AN14130-6	MW 6 Initial	1,930	210	0.7	7.0
AN14130-7	PWRS	1520	120	3.5	0.06
Date Analysis Batch Finished:		01/21/09	01/27/09	01/29/09	01/26/09
Time Analysis Batch Finished:		15:50	12:30	17:40	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1016	50	5.06	1.0060
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		102	100	101	101
% Extraction Accuracy		N/A	101	101	102
Relative Percent Difference		2	0	2	8
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.
This report meets NELAC T104704437-08A-TX

Lowest TKN

Mario Rodriguez, Director

01-30-09
Date