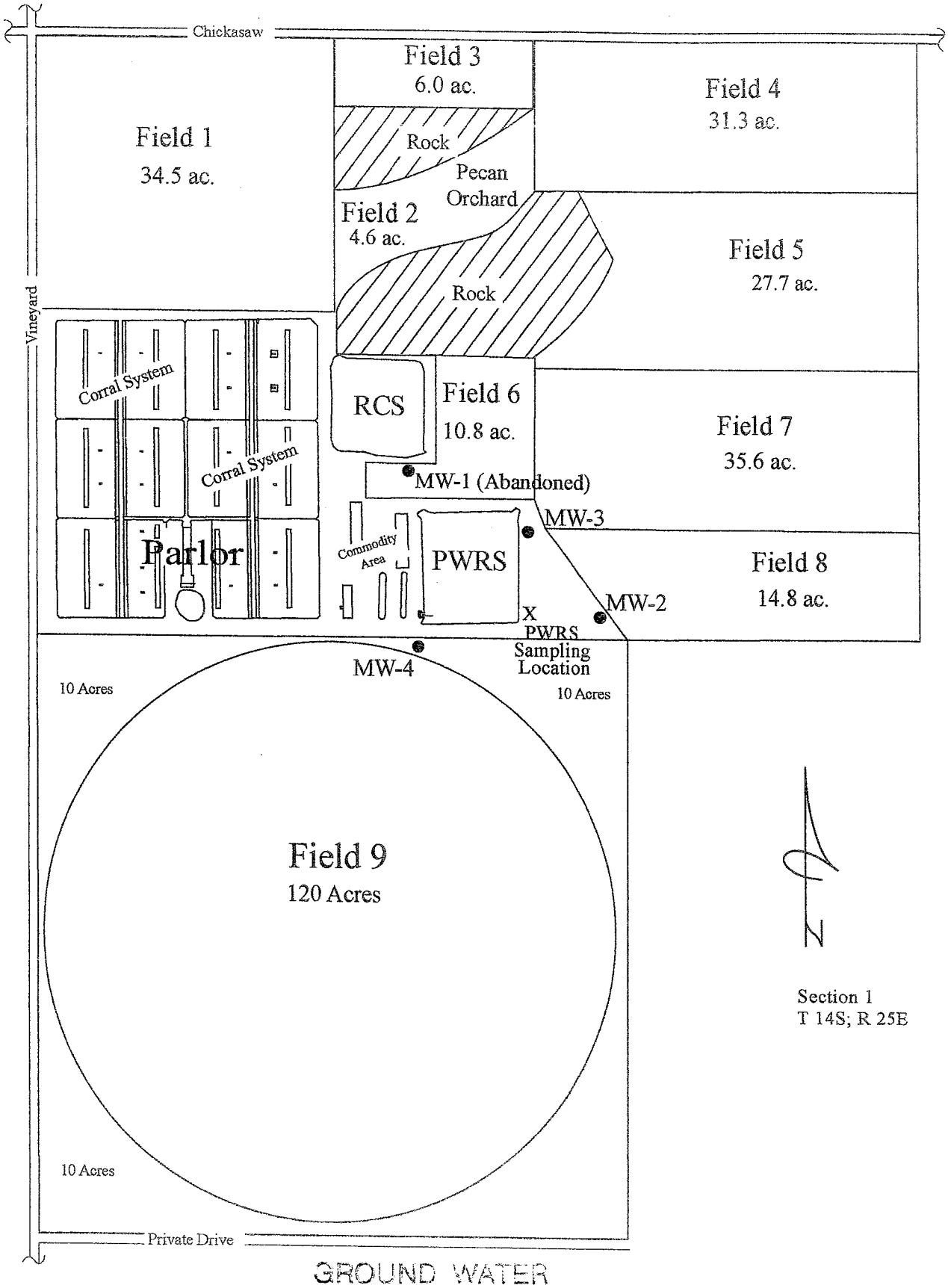
DP-633



Section 1
T 14S; R 25E

GROUND WATER

Enviro Compliance Services, Inc.

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

Providing Management Assistance for Environmental Compliance Since 1981

AUG 1 0 2009

BUREAU

Title: Greenfield Dairy Overall Site Layout		DP-633
Date: 2/12/2007	DWG/Doc Ref Not to Scale	Sheet No 1/1

Advanced Analysis, Inc.

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

GROUND WATER

AUG 10 2009

BUREAU

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/16/09 @ 0 °C
Reporting Date: 07/28/09
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 07/15/09 @ 10:55
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:		07/20/09	07/24/09	07/21/09	07/20/09
Time Analysis Batch Started:		11:00	16:25	8:45	10:30
AN14869-1	MW 4	2,415	160	0.3	1.5
AN14869-2	PWRS	2,010	150	80	0.07
Date Analysis Batch Finished:		07/21/09	07/24/09	07/21/09	07/20/09
Time Analysis Batch Finished:		12:30	18:40	17:05	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.19	1.0285
True Value QC		1000	50	5.20	1.0000
% Instrument Accuracy		100	102	104	103
Hi - Low Limits		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	102	104	99
Relative Percent Difference		2	1	2	4

METHODS: EPA 600/4-79-020,	SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX

07/28/09

Mario Rodriguez, Director.

Date

Advanced Analysis, Inc.

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ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 03/20/09 @ 2 °C
Reporting Date: 04/18/09
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 03/17/09 @ 11:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
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:		03/23/09	04/11/09	04/11/09	04/13/09
Time Analysis Batch Started:		10:20	17:00	10:00	9:30
AN14387-1	MW 4	2,350	165	0.4	0.94
AN14387-2	PWRS	2,190	170	135	0.40
Date Analysis Batch Finished:		03/24/09	04/11/09	04/09/09	04/13/09
Time Analysis Batch Finished:		16:00	21:00	12:50	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	5.05	1.0027
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	101	100
% Extraction Accuracy		N/A	101	108	90
Relative Percent Difference		2	0	2	0
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

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

Mario Rodriguez
Mario Rodriguez, Director.

04-18-09
Date

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
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GROUND WATER

JAN 28 2009

BUREAU

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 12/23/08 @ 1 °C
Reporting Date: 01/10/09
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 12/20/08 @ 11:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: ED
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:		12/23/08	12/29/08	12/30/08	01/08/09
Time Analysis Batch Started:		12:30	11:05	8:45	9:00
AM14030-1	MW 4	2,020	170	< 0.2 *	2.0
AM14030-2	PWRS	1,640	70	110	0.2
Date Analysis Batch Finished:		12/24/08	12/29/08	12/30/08	01/08/09
Time Analysis Batch Finished:		12:35	12:20	16:30	15:20
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	50	4.85	0.8086
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		98	100	97	108
% Extraction Accuracy		N/A	99	89	102
Relative Percent Difference		0	0	4	0
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

01-10-09

Date

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
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ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 09/18/08 @ 1 °C
Reporting Date: 10/13/08
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 09/16/08 @ 11:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: ED
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:		09/19/08	09/30/08	09/30/08	09/25/08
Time Analysis Batch Started:		15:30	11:00	8:35	10:30
AM13652-1	MW 4	2,465	155	< 0.2 *	1.5
AM13652-2	PWRS	2,270	180	55	0.1
Date Analysis Batch Finished:		09/23/08	09/30/08	09/30/08	09/25/08
Time Analysis Batch Finished:		9:00	14:40	17:30	16:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	4.65	0.9255
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	93	93
% Extraction Accuracy		N/A	101	89	90
Relative Percent Difference		1	0	1	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

10/13/08
Date

DP- 633

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 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 09/18/08 @ 1 °C
Reporting Date: 10/13/08
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 09/16/08 @ 11:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: ED
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:		09/19/08	09/30/08	09/30/08	09/25/08
Time Analysis Batch Started:		15:30	11:00	8:35	10:30
AM13652-1	MW 4	2,465	155	< 0.2 *	1.5
AM13652-2	PWRS	2,270	180	55	0.1
Date Analysis Batch Finished:		09/23/08	09/30/08	09/30/08	09/25/08
Time Analysis Batch Finished:		9:00	14:40	17:30	16:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	4.65	0.9255
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	93	93
% Extraction Accuracy		N/A	101	89	90
Relative Percent Difference		1	0	1	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

10/13/08
Date

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Advanced Analysis, Inc.

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ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 04/12/08 @ 1° C
Reporting Date: 04/29/08
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 04/11/08 @ 12:20
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:		04/15/08	04/24/08	04/21/08	04/21/08
Time Analysis Batch Started:		12:50	10:10	10:00	11:30
AM12941-1	MW 2	2,460	295	< 0.2 *	23.6
AM12941-2	MW 4	1,860	125	< 0.2 *	1.1
AM12941-3	PWRS	2,660	260	175	0.07
Date Analysis Batch Finished:		04/16/08	04/24/08	04/22/08	04/21/08
Time Analysis Batch Finished:		17:10	14:00	16:15	15:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.20	1.0445
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	104	104
% Extraction Accuracy		N/A	97	104	100
Relative Percent Difference		0	0	10	1

DP-633

DP-633

Advanced Analysis, Inc.

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ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 12/03/05
Reporting Date: 12/05/05
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 11/30/05
Sample Type: WELL 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:		12/05/05	12/05/05	12/05/05	12/05/05
Time Analysis Batch Started:		14:15	11:10	10:30	13:00
AJ9901-1	MW 2	1,945	275	0.7	34.5
AJ9901-2	MW 3	2,235	170	0.6	16.8
Date Analysis Batch Finished:		12/06/05	12/05/05	12/06/05	12/05/05
Time Analysis Batch Finished:		9:25	14:05	14:50	16:05
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1026	51	5.35	0.5319
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		103	102	107	106
% Extraction Accuracy		N/A	99	111	105
Relative Percent Difference		0	0	0	10
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director

12-05-05
Date

Highest GW, MW-2
Lagoon

DP-633

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 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 03/11/05
Reporting Date: 03/19/05
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 03/09/05
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: CW, JC

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		03/16/05	03/14/05	03/17/05	03/16/05
Time Analysis Batch Started:		13:00	12:00	8:30	8:00
AJ8766-1	MW 1	1140	215	9.8	28.3
AJ8766-2	MW 2	2795	395	< 0.2 *	20.9
AJ8766-3	MW 3	935	80	< 0.2 *	2.4
AJ8766-4	PWRS	2460	240	130	0.26
Date Analysis Batch Finished:		03/17/05	03/14/05	03/17/05	03/16/05
Time Analysis Batch Finished:		9:30	15:21	14:15	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	4.88	0.0985
True Value QC		1000	50	5.00	0.1000
% Instrument Accuracy		100	100	98	99
% Extraction Accuracy		N/A	98	90	102
Relative Percent Difference		1	2	1	0
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

03-19-05
Date

Highest GW, MW-1
SW Pond

DP-633

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 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 12/28/07
Reporting Date: 01/09/08
Project Number: DP-633
Project Name: GREENFIELD DAIRY
Project Location: DEXTER, NM

Sampling Date: 12/27/07
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, 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:		01/02/08	01/02/08	01/02/08	01/02/08
Time Analysis Batch Started:		15:45	13:25	12:40	10:00
AL12569-1	MW 2	2,560	210	0.8	25.3
AL12569-2	MW 4	2,165	160	0.4	1.9
AL12569-3	PWRS	1,980	80	130	0.09
Date Analysis Batch Finished:		01/03/08	01/02/08	01/04/08	01/02/08
Time Analysis Batch Finished:		17:00	15:45	15:30	15:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		990	50	5.14	0.3153
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		99	100	103	105
% Extraction Accuracy		N/A	100	95	103
Relative Percent Difference		1	0	1	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

01-09-08
Date