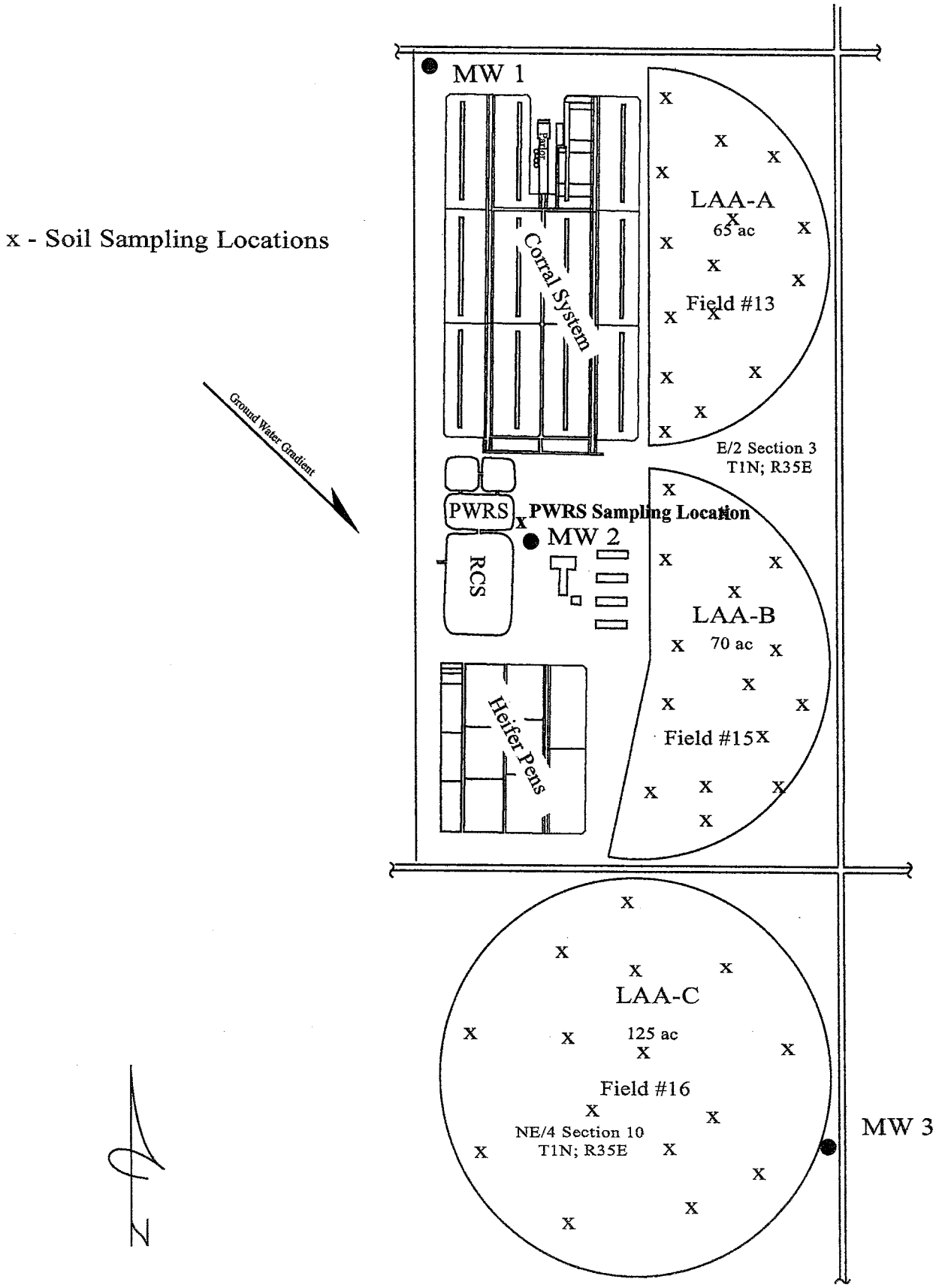
DP-1277



GROUND WATER

SEP 03 2009

BUREAU

Enviro Compliance Services, Inc.
Office: (505) 762-9674 Fax: (505) 762-3749
Providing Management Assistance for Environmental Compliance Since 1981

Title: El Dorado Dairy Overall Site Layout		DP-1277
Date: 12-04-06	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP- 1277

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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/01/09 @ 0 °C
Reporting Date: 07/13/09
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 06/30/09 @ 08:20
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:		07/02/09	07/03/09	07/07/09	07/10/09
Time Analysis Batch Started:		9:50	15:45	9:00	14:30
AN14795-1	MW 1	530	90	0.4	2.6
AN14795-2	MW 2	635	95	0.3	11.1
AN14795-3	MW 3	1,475	450	0.3	4.7
AN14795-4	PWRS	3,190	350	300	0.11
Date Analysis Batch Finished:		07/03/09	07/03/09	07/07/09	07/10/09
Time Analysis Batch Finished:		11:40	17:10	17:20	17:05
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.17	1.0031
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	103	100
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	104	96
Relative Percent Difference		1	0	5	3
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX.

Mario Rodriguez

07/13/09

Mario Rodriguez, Director.

Date

DP-1277

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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 05/13/09 @ 0 °C
Reporting Date: 05/20/09
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 05/12/09 @ 12:30
Sample Type: WELL 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:		05/14/09	05/18/09	05/14/09	05/18/09
Time Analysis Batch Started:		10:00	11:15	9:00	10:30
AN14588-1	MW 2	650	90	0.4	8.4
Date Analysis Batch Finished:		05/15/09	05/18/09	05/14/09	05/18/09
Time Analysis Batch Finished:		16:10	12:30	17:15	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	5.02	0.5044
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		99	100	100	101
Hi - Low Limits %		85 - 115	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	89	98
Relative Percent Difference		0	0	2	9
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

This report meets NELAC T104704437-08A-TX.

Mario Rodriguez

Mario Rodriguez, Director.

05/20/09

Date

DP-1277

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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 04/08/09 @ 4 °C
Reporting Date: 04/20/09
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 04/07/09 @ 14:20
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:		04/09/09	04/11/09	04/16/09	04/17/09
Time Analysis Batch Started:		16:30	17:00	8:30	16:20
AN14460-1	MW 1	590	115	< 0.2 *	2.5
AN14460-2	MW 2	560	85	0.2	15.5 * highest NO_3-N
AN14460-3	MW 3	1,325	500	0.2	7.3
AN14460-4	PWRS	2,500	380	320	0.10
Date Analysis Batch Finished:		04/10/09	04/11/09	04/18/09	04/17/09
Time Analysis Batch Finished:		17:00	21:00	13:30	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	5.05	0.7224
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		99	100	101	96
% Extraction Accuracy		N/A	101	92	97
Relative Percent Difference		5	0	7	3
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

Mario Rodriguez, Director.

04/26/09
Date

downgradient of
Clay-lined lagoon

DP-1277

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

MAR 0 2 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: 02/03/09 @ 2 °C
Reporting Date: 02/16/09
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 01/30/09 @ 8:10
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:		02/03/09	02/10/09	02/10/09	02/09/09
Time Analysis Batch Started:		13:05	11:00	8:30	10:30
AN14174-1	MW 1	565	80	0.4	2.3
AN14174-2	MW 2	600	75	< 0.2 *	13.2
AN14174-3	MW 3	1,235	480	< 0.2 *	4.7
AN14174-4	PWRS	1,780	350	300	0.07
Date Analysis Batch Finished:		02/04/09	02/10/09	02/10/09	02/09/09
Time Analysis Batch Finished:		17:25	17:20	16:30	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	4.97	1.0128
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	99	101
% Extraction Accuracy		N/A	100	100	96
Relative Percent Difference		1	0	5	5
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.

02-16-09
Date

DP-1277

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: 09/05/08 @ 5 °C
Reporting Date: 09/22/08
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 09/03/08 @ 9:00
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:		09/08/08	09/08/08	09/15/08	09/09/08
Time Analysis Batch Started:		11:05	15:30	11:00	12:25
AM13582-1	MW 1	515	105	< 0.2 *	2.6
AM13582-2	MW 2	620	80	< 0.2 *	14.4
AM13582-3	MW 3	1,750	505	< 0.2 *	3.6
AM13582-4	PWRS	3,235	550	240	0.11
Date Analysis Batch Finished:		09/10/08	09/08/08	09/16/08	09/09/08
Time Analysis Batch Finished:		9:00	17:30	16:20	18:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1010	50	5.40	0.4996
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		101	100	108	100
% Extraction Accuracy		N/A	96	94	101
Relative Percent Difference		8	0	7	3
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.

9-22-08

Date

DP-D77

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: 04/04/08 @ 1 °C
Reporting Date: 04/29/08
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 04/03/08 @ 9:00
Analyzed By: ED, SN
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:		04/08/08	04/07/08	04/21/08	04/11/08
Time Analysis Batch Started:		11:00	12:30	10:30	10:00
AM12916-1	MW 1	490	85	< 0.2 *	1.7
AM12916-2	MW 2	515	75	< 0.2 *	11.3
AM12916-3	MW 3	1,320	510	< 0.2 *	2.9
AM12916-4	PWRS	5,465	575	550	0.08
Date Analysis Batch Finished:		04/09/08	04/07/08	04/22/08	04/11/08
Time Analysis Batch Finished:		9:30	15:10	12:27	16:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	4.86	0.9498
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	97	95
% Extraction Accuracy		N/A	100	98	92
Relative Percent Difference		0	3	2	5
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

highest TKN

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

04/29/08
Date

DP-1277

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: 12/29/07
Reporting Date: 01/10/08
Project Number: DP-1277
Project Name: EL DORADO DAIRY
Project Location: CLOVIS, NM

Sampling Date: 12/28/07
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:		01/03/08	01/02/08	01/08/08	01/02/08
Time Analysis Batch Started:		9:30	13:25	8:45	10:00
AL12572-1	MW 1	495	105	< 0.2 *	2.1
AL12572-2	MW 2	570	75	< 0.2 *	8.0
AL12572-3	MW 3	1,265	530	< 0.2 *	2.7
AL12572-4	PWRS	2,460	360	195	0.57
Date Analysis Batch Finished:		01/04/08	01/02/08	01/09/08	01/02/08
Time Analysis Batch Finished:		14:30	15:45	15:25	15:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		980	50	5.05	0.3153
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		98	100	101	105
% Extraction Accuracy		N/A	100	101	103
Relative Percent Difference		1	1	4	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

lowest TKN

*Less than the Minimum Detection Limit.

Mario Rodriguez

01/10/08

Mario Rodriguez, Director.

Date