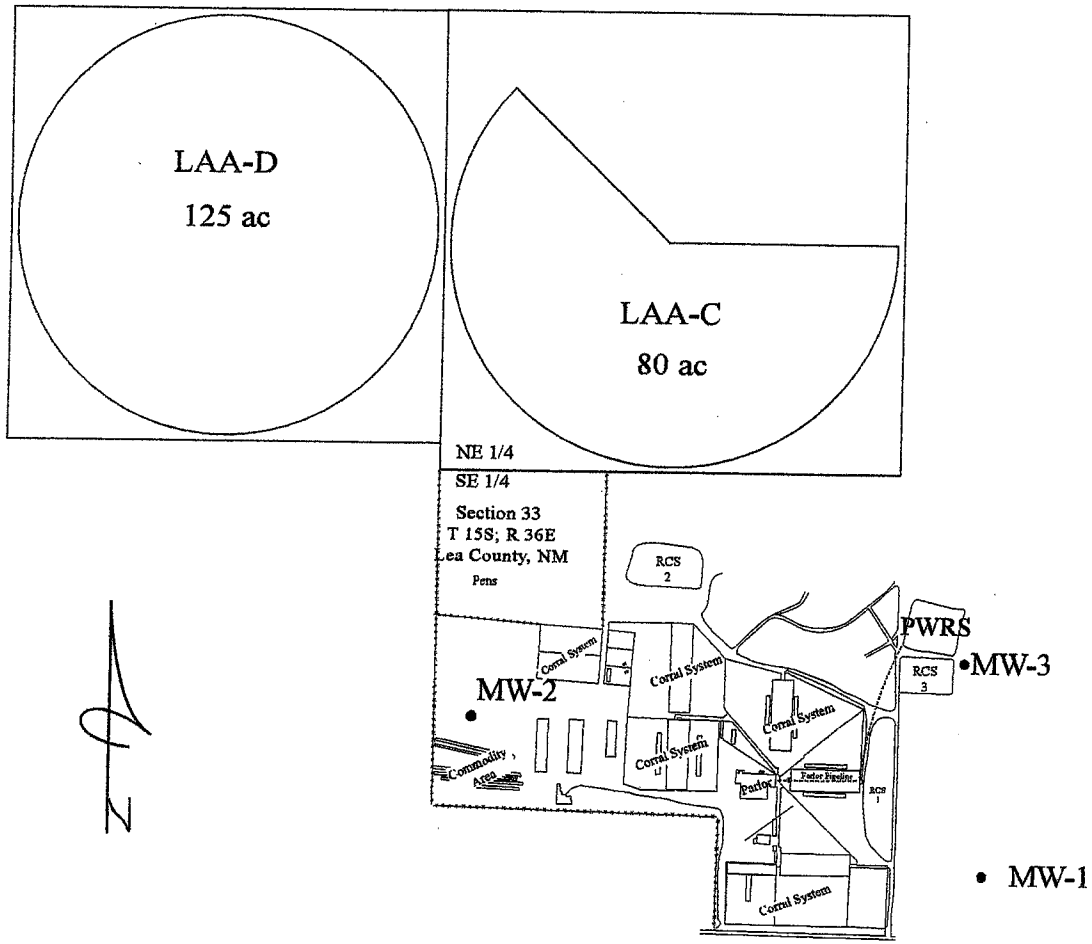

GROUND WATER

DEC 07 2009

BUREAU

Enviro Compliance Services, Inc.

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

Providing Management Assistance for Environmental Compliance Since 1981

Title: Faria Dairy East Overall Site Layout		DP-923
Date: 10/08/2008	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

DEC 07 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: 09/30/09 @ 2 °C
Reporting Date: 10/14/09
Project Number: DP-923
Project Name: FARIA DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 09/29/09 @ 12:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: SN, ED

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		10/01/09	10/12/09	10/13/09	10/07/09
Time Analysis Batch Started:		8:45	14:30	8:35	13:20
AN15210-1	MW 1	385	25	< 0.3 *	2.6
AN15210-2	MW 2	410	35	< 0.3 *	0.28
AN15210-3	MW 3	630	160	< 0.3 *	5.5
AN15210-4	PWRS	5,180	1120	47	0.09
Date Analysis Batch Finished:		10/02/09	10/12/09	10/13/09	10/07/09
Time Analysis Batch Finished:		10:30	16:50	16:20	17:00
Blank		< 1	< 1	< 0.3	< 0.03
Quality Control		982	50	5.15	1.0524
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	103	105
Hi - Low %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	107	100
Relative Percent Difference		0	0	3	3
METHODS: EPA 600/4-79-020,		SM2540 C	SM 4500B-Cl⁻	351.4	353.3

*Less than the LOQ (Limit of Quantitation).
This report meets NELAC T104704437-08A-TX

Mario Rodriguez

Mario Rodriguez, Director.

10/14/09
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 88101-1023
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 05/08/09 @ 2 °C
Reporting Date: 05/20/09
Project Number: DP-923
Project Name: FARIA DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 05/06/09 @ 07:50
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: SN, ED

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		05/11/09	05/12/09	05/12/09	05/18/09
Time Analysis Batch Started:		10:50	10:40	8:40	10:30
AN14570-1	MW 1	375	25	0.4	2.0
AN14570-2	MW 2	440	35	< 0.2 *	1.1
AN14570-3	MW 3	610	110	< 0.2 *	5.4
Date Analysis Batch Finished:		05/12/09	05/12/09	05/12/09	05/18/09
Time Analysis Batch Finished:		12:30	11:50	17:10	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	50	5.34	0.5044
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		99	100	108	101
Hi - Low %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	101	89	98
Relative Percent Difference		1	0	2	9
METHODS: EPA 600/4-79-020,		SM2540 C	SM 4500B-Cl	351.4	353.3

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

Mario Rodriguez

Mario Rodriguez, Director.

05/20/09
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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 02/20/09 @ 4 °C
Reporting Date: 03/11/09
Project Number: DP-923
Project Name: FARIA DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 02/19/09 @ 8:15
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: SN, ED

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		02/23/09	03/03/09	03/02/09	02/27/09
Time Analysis Batch Started:		10:30	11:00	8:30	10:30
AN14268-1	MW 1	405	25	0.4	3.0
AN14268-2	MW 2	440	35	< 0.2 *	1.3
AN14268-3	MW 3	615	120	0.3	5.3
AN14268-4	PWRS	1,880	320	110	0.02
Date Analysis Batch Finished:		02/24/09	03/03/09	03/03/09	02/27/09
Time Analysis Batch Finished:		13:30	13:50	14:30	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1014	50	5.02	1.0416
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		101	100	100	104
% Extraction Accuracy		N/A	101	97	103
Relative Percent Difference		2	3	0	1
METHODS: EPA 600/4-79-020,		SM2540 C	SM 4500B-Cl	351.4	353.3

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

Mario Rodriguez, Director

03-11-09
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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 12/02/08 @ 0 °C
Reporting Date: 12/17/08
Project Number: DP-923
Project Name: FARIA DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 11/28/08 @ 8:10
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: SN, ED

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		12/02/08	12/09/08	12/04/08	12/08/08
Time Analysis Batch Started:		10:05	11:20	9:00	13:30
AM13939-1	MW 1	375	30	< 0.2 *	3.5
AM13939-2	MW 2	360	25	< 0.2 *	1.1
AM13939-3	MW 3	590	120	< 0.2 *	5.5
AM13939-4	PWRS	1,270	250	15	0.06
Date Analysis Batch Finished:		12/04/08	12/09/08	12/04/08	12/08/08
Time Analysis Batch Finished:		9:00	14:20	15:40	15:55
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	4.97	1.1087
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	99	110
% Extraction Accuracy		N/A	101	91	100
Relative Percent Difference		0	0	2	2
METHODS: EPA 600/4-79-020,		SM2540 C	SM 4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

12/17/08
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 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 02/23/08
Reporting Date: 03/07/08
Project Number: DP-923
Project Name: FARIA DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 02/22/08
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: SN, ED

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		02/26/08	03/03/08	03/04/08	03/04/08
Time Analysis Batch Started:		15:10	10:50	11:30	11:00
AM12742-1	MW 1	440	20	< 0.2 *	2.8
AM12742-2	MW 2	370	20	< 0.2 *	0.89
AM12742-3	MW 3	695	90	< 0.2 *	6.5
AM12742-4	PWRS	2,485	310	195	0.04
Date Analysis Batch Finished:		02/27/08	03/03/08	03/05/08	03/04/08
Time Analysis Batch Finished:		17:00	12:20	17:45	17:10
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1016	47	4.96	1.0196
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		102	94	99	102
% Extraction Accuracy		N/A	105	98	99
Relative Percent Difference		1	0	3	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

Mario Rodriguez
Mario Rodriguez, Director.

03-07-08
Date

Advanced Analysis & Laboratory Services

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

highest GW
NO_3-N

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
212 TUCKER AVE.
CLOVIS, NM 88101-3231
PHONE: (505) 762-9674
FAX: (505) 762-3749

'18/02
Reporting Date: 02/25/02
Project Number: DP-923
Project Name: FARIA DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 02/18/02
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RH, NW

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
ANALYSIS DATE:		02/25/02	02/25/02	02/21/02	02/21/02
AG4560-1	MW 1	365	27	0.4	1.6
AG4560-2	MW 2	360	37	0.4	0.9
AG4560-3	MW 3	720	155	0.5	9.6
AG4560-4	PWRS	2320	320	262	0.4
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		958	51	4.99	0.3011
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		96	102	100	100
% Extraction Accuracy		N/A	99	90	96
Relative Percent Difference		0	0	1	2
METHODS: EPA 600/4-79-020,		160.1	4500B	351.4	353.3

* Less than the Minimum Detection Limit

Mario Rodriguez
Mario Rodriguez, Chemist

02/25/02
Date

Clay-lined lagoon