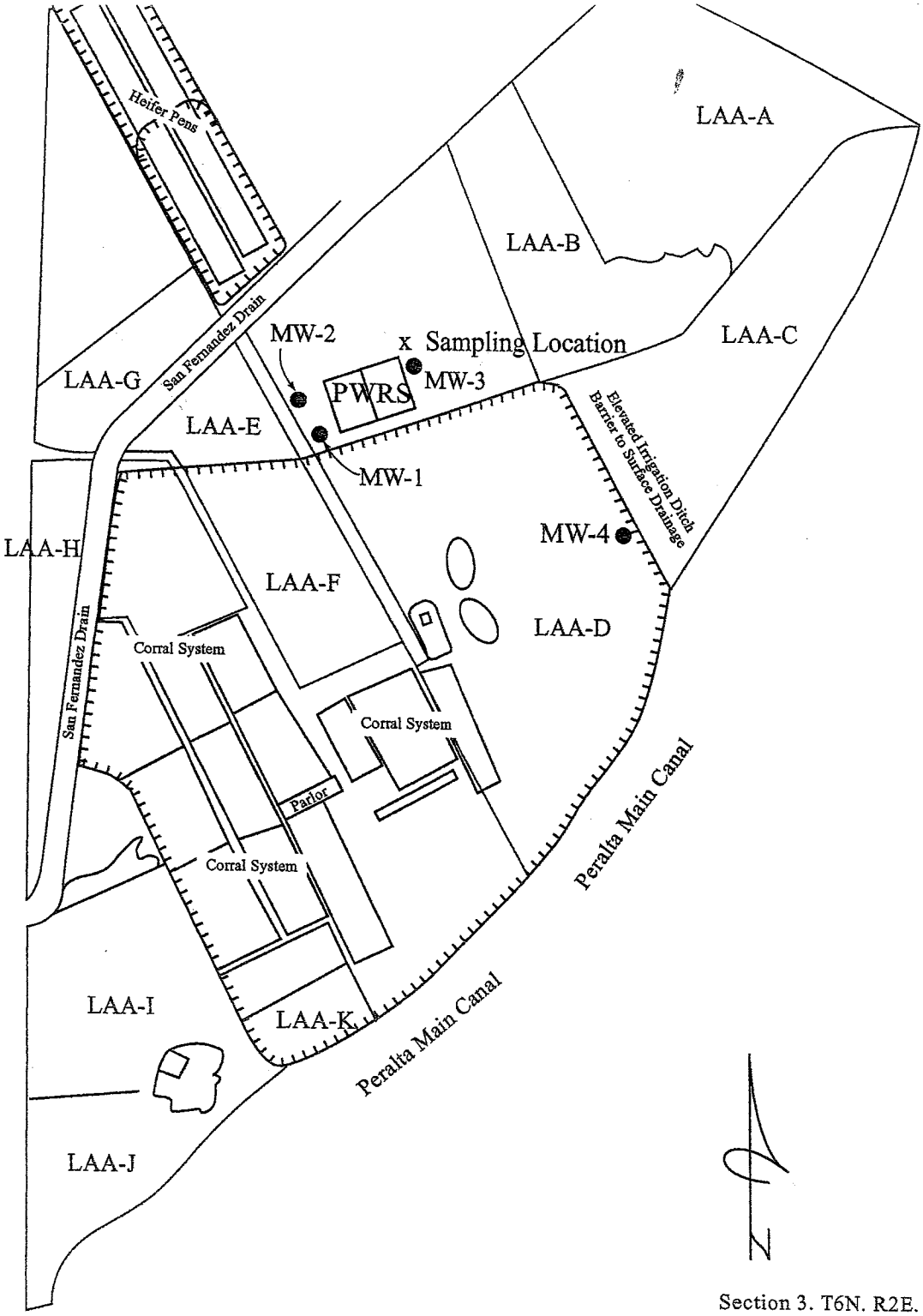
DP-1034



Acreage Key

A ---- 50
B -----15
C -----27
D -----40
E -----10
F -----15
G -----10
H -----10
I -----20
J -----12
K -----5

Total 214 Acres

Section 3. T6N. R2E.
Section 34. T7N. R2E.
Section 35. T7N. R2E.

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

Title: Edeal Dairy Overall Site Layout		DP-1034
Date: 1/26/2005	DWG/Doc Ref Scale 1"=750'	Sheet No 1/1

DP-1034

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: 10/06/09 @ 4 °C
Reporting Date: 10/13/09
Project Number: DP-1034
Project Name: EDEAL DAIRY
Project Location: LOS LUNAS, NM

Sampling Date: 10/05/09 @ 16:00
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: ED, SN

LAB NUMBER	FIELD ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		10/08/09	10/09/09	10/12/09	10/13/09
Time Analysis Batch Started:		9:30	16:40	8:35	13:40
AN15231-1	MW 1	625	115	0.8	< 0.03 *
AN15231-2	MW 2	535	100	0.5	< 0.03 *
AN15231-3	MW 3	1,195	155	1.5	< 0.03 *
AN15231-4	MW 4	245	95	1.0	< 0.03 *
AN15231-5	PWRS	2,540	310	195	0.05
Date Analysis Batch Finished:		10/09/09	10/09/09	10/13/09	10/13/09
Time Analysis Batch Finished:		16:00	17:15	12:45	16:10
Blank		< 1	< 1	< 0.03	< 0.03
Quality Control		992	50	4.97	1.0511
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	99	105
Hi - Low Limits		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	99	91	101
Relative Percent Difference		1	0	2	1
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez, Director.

10-18-09
Date

DP-1034

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 19 2009

BUREAU

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: 07/20/09 @ 1 °C
Reporting Date: 07/28/09
Project Number: DP-1034
Project Name: EDEAL DAIRY
Project Location: LOS LUNAS, NM

Sampling Date: 07/17/09 @ 16:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: ED, SN

LAB NUMBER	FIELD ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		07/23/09	07/24/09	07/23/09	07/22/09
Time Analysis Batch Started:		9:40	16:25	8:40	11:00
AN14887-1	MW 1	700	150	1.3	< 0.01 *
AN14887-2	MW 2	590	80	0.7	0.01
AN14887-3	MW 3	1,240	150	1.4	< 0.01 *
AN14887-4	MW 4	275	60	1.3	< 0.01 *
AN14887-5	PWRS	3,060	380	350	0.06
Date Analysis Batch Finished:		07/24/09	07/24/09	07/23/09	07/22/09
Time Analysis Batch Finished:		12:30	18:40	17:00	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	51	5.16	1.0664
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	102	103	107
Hi - Low Limits		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	102	97	100
Relative Percent Difference		1	1	2	1
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez

07/28/09

Mario Rodriguez, Director.

Date

DP-1034

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: 04/03/09 @ 0° C
Reporting Date: 04/20/09
Project Number: DP-1034
Project Name: EDEAL DAIRY
Project Location: LOS LUNAS, NM

Sampling Date: 03/31/09 @ 16:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	FIELD ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		04/06/09	04/11/09	04/14/09	04/13/09
Time Analysis Batch Started:		10:20	17:00	8:30	9:30
AN14433-1	MW 1	685	110	1.1	0.013
AN14433-2	MW 2	595	60	0.8	< 0.01 *
AN14433-3	MW 3	1,235	100	0.9	< 0.01 *
AN14433-4	MW 4	300	40	1.3	< 0.01 *
AN14433-5	PWRS	2,730	260	240	< 0.02 *
Date Analysis Batch Finished:		04/08/09	04/11/09	04/14/09	04/13/09
Time Analysis Batch Finished:		17:25	21:00	16:45	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1026	50	5.11	1.0027
True Value QC		1000	50	5.10	1.0000
% Instrument Accuracy		103	100	102	100
% Extraction Accuracy		N/A	101	96	90
Relative Percent Difference		1	0	2	0
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

* Less than the Minimum Dtection Limit
This report meets NELAC Certificate # T104704437-08-TX

Mario Rodriguez

Mario Rodriguez, Director.

04/20/09

Date

DP-1034

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

FEB 18 2009

BUREAU

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: 01/23/09 @ 1° C
Reporting Date: 02/05/09
Project Number: DP-1034
Project Name: EDEAL DAIRY
Project Location: LOS LUNAS, NM

Sampling Date: 01/22/09 @ 16:00
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	FIELD ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		01/26/09	01/28/09	02/05/09	01/28/09
Time Analysis Batch Started:		10:00	15:30	8:40	13:30
AN14155-1	MW 1	610	105	0.6	0.04
AN14155-2	MW 2	550	70	0.5	< 0.01 *
AN14155-3	MW 3	1,180	105	0.8	0.01
AN14155-4	MW 4	255	45	1.1	0.02
AN14155-5	PWRS	2,600	200	210	0.08
Date Analysis Batch Finished:		01/27/09	01/28/09	02/05/09	01/28/09
Time Analysis Batch Finished:		14:00	16:30	16:50	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		990	50	5.06	1.0381
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	101	104
% Extraction Accuracy		N/A	99	90	98
Relative Percent Difference		1	0	4	3
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

* Less than the Minimum Dtection Limit
This report meets NELAC Certificate # T104704437-08-TX

Mario Rodriguez, Director.

02-05-09
Date

DP-1034

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: 06/07/08 @ 1° C
Reporting Date: 07/12/08
Project Number: DP-1034
Project Name: EDEAL DAIRY
Project Location: LOS LUNAS, NM

Sampling Date: 06/05/08 @ 12:45
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	FIELD ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		06/12/08	06/19/08	06/30/08	06/19/08
Time Analysis Batch Started:		8:10	14:55	9:10	10:00
AM13173-1	MW 1	630	100	0.3	0.43
AM13173-2	MW 2	590	65	0.3	0.06
AM13173-3	MW 3	1,170	85	0.6	0.04
AM13173-4	MW 4	265	50	0.5	0.19
AM13173-5	PWRS	310	180	140	0.05
Date Analysis Batch Finished:		06/13/08	06/19/08	07/01/08	06/19/08
Time Analysis Batch Finished:		16:00	17:10	10:30	14:20
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	4.90	1.0473
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	98	105
% Extraction Accuracy		N/A	100	107	94
Relative Percent Difference		0	0	2	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

lowest TKN

Mario Rodriguez

Mario Rodriguez, Director.

07/12/08
Date

DP-1034

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: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 07/26/06
Reporting Date: 08/03/06
Project Number: DP-1034
Project Name: EDEAL DAIRY
Project Location: LOS LUNAS, NM

Sampling Date: 07/26/06
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, TE

LAB NUMBER	FIELD ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		07/27/06	07/27/06	08/01/06	07/31/06
Time Analysis Batch Started:		10:33	13:09	9:48	12:30
AK10769-1	MW 1	600	100	1.5	0.02
AK10769-2	MW 2	580	80	1.1	< 0.01 *
AK10769-3	MW 3	825	95	1.0	< 0.01 *
AK10769-4	MW 4	345	50	< 0.2 *	< 0.01 *
AK10769-5	PWRS	2,435	390	405	0.14
Date Analysis Batch Finished:		07/28/06	07/27/06	08/01/06	07/31/06
Time Analysis Batch Finished:		9:24	14:28	16:35	15:20
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		984	51	4.93	0.5027
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		98	102	99	101
% Extraction Accuracy		N/A	101	102	103
Relative Percent Difference		1	0	2	1
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.

8-03-06

Date

DP-1034

Results for sample: see below

Date collected: 9/12/97	Date received: 9/12/97
Date extracted: NA	Date analyzed: see below
Client: Western Technologies, Inc.	
Project Name: Edeal Dairy	HEAL #: 9709038-(1-5)
Project Manager: Bernard Bockisch	Sampled by: B. Bockisch
Matrix: Aqueous	

highest NO_3-N

Sample	HEAL Number	NO_3-N mg/l	TDS mg/L	Cl- mg/l	TKN mg/l
MW-1	9709038-1	<0.1	1,054	100	0.62
MW-2	9709038-2	<0.1	883	76	0.39
MW-3	9709038-3	<0.1	1,446	170	1.6
MW-4	9709038-4	18	726	84	0.62
Lagoon	9709038-5	<1.0	425	140	140
Detection Limits	-	0.1	1	0.1	0.2
Method	-	300.0	160.1	300.0	351.3
Date Analysed	-	9/13/97	9/17/97	9/13/97	10/1/97

downgradient of LAA