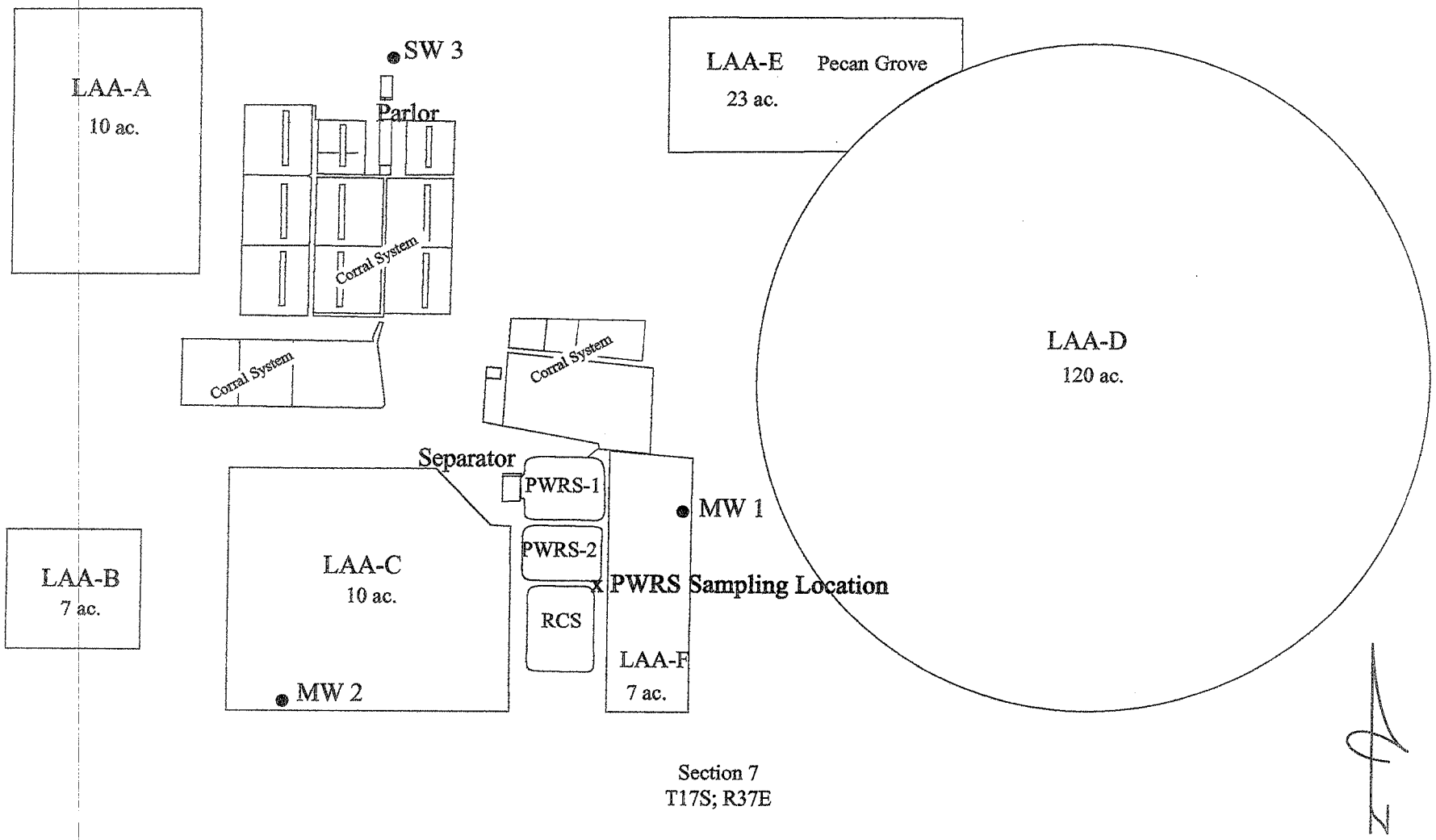

Section 7
T17S; R37E

GROUND WATER

AUG 2 0 2009

BUREAU

Enviro Compliance Services, Inc.

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

Providing Management Assistance for Environmental Compliance Since 1981

Title: Doldersum Lovington, LLC dba Landmark Dairy, LLC Overall Site Layout		DP-1025
Date: 1/1/2008	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-1025

DP-1025

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: 10/01/09 @ 2 °C
Reporting Date: 10/21/09
Project Number: DP-1025
Project Name: LANDMARK DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 09/30/09 @ 7:10
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:		10/05/09	10/12/09	10/14/09	10/07/09
Time Analysis Batch Started:		10:50	14:30	8:30	13:20
AN15215-1	MW 1	1,580	260	1.7	58.9
AN15215-2	MW 2	380	30	< 0.3 *	1.6
AN15215-3	MW 3	470	90	< 0.3 *	4.1
AN15215-4	PWRS	3,735	640	85	< 0.03 *
Date Analysis Batch Finished:		10/06/09	10/12/09	10/15/09	10/07/09
Time Analysis Batch Finished:		13:00	16:50	11:40	17:00
Blank		< 1	< 1	< 0.3	< 0.03
Quality Control		988	50	5.26	1.0524
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	105	105
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	91	100
Relative Percent Difference		0	0	3	3

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 T104704437-08A-TX

Mario Rodriguez
Mario Rodriguez, Director.

10-21-09
Date

DP-1025

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 2 0 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: 07/10/09 @ 0 °C
Reporting Date: 07/18/09
Project Number: DP-1025
Project Name: LANDMARK DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 07/08/09 @ 06:50
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:		07/14/09	07/16/09	07/16/09	07/16/09
Time Analysis Batch Started:		11:10	9:45	8:40	11:10
AN14843-1	MW 1	1,435	210	1.8	89.2
AN14843-2	MW 2	340	25	0.3	1.4
AN14843-3	MW 3	470	85	< 0.2	3.8
AN14843-4	PWRS	3,560	600	95	0.05
Date Analysis Batch Finished:		07/15/09	07/16/09	07/14/09	07/16/09
Time Analysis Batch Finished:		17:10	14:00	17:10	18:15
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		980	50	4.85	0.9762
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	97	98
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	103	93	95
Relative Percent Difference		0	0	1	10

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 T104704437-08A-TX

Mario Rodriguez, Director.

07-27-09
Date

DP-1025

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-1025
Project Name: LANDMARK DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 02/19/09 @ 10:30
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:		02/23/09	03/03/09	03/02/09	02/27/09
Time Analysis Batch Started:		10:30	11:00	8:30	10:30
AN14269-1	MW 1	1,340	190	1.6	36.3
AN14269-2	MW 2	405	35	< 0.2 *	1.5
AN14269-3	MW 3	470	90	0.2	4.0
AN14269-4	PWRS	2,260	310	240	0.05
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	SM4500B-Cl⁻	351.4	353.3

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

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

Receiving Date: 12/02/08 @ 0 °C
Reporting Date: 12/17/08
Project Number: DP-1025
Project Name: LANDMARK DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 11/28/08 @ 11:55
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: ED
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
AM13941-1	MW 1	1,265	25	< 0.2 *	36.9
AM13941-2	MW 2	380	30	< 0.2 *	1.9
AM13941-3	MW 3	455	95	< 0.2 *	3.9
AM13941-4	PWRS	1,670	230	100	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	1.1041
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	SM4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

DP-1025

Recent Wastewater TKN Analysis

Mario Rodriguez
Mario Rodriguez, Director.

12-17-08
Date

DP-1025

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: 07/14/07
Reporting Date: 07/23/07
Project Number: DP-1025
Project Name: WORMONT DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 07/12/07
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
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:		07/16/07	07/19/07	07/17/07	07/17/07
Time Analysis Batch Started:		13:00	13:00	11:30	11:00
AL11999-1	MW 1	1,480	310	< 0.2 *	33.1
AL11999-2	MW 2	380	30	< 0.2 *	4.9
AL11999-3	MW 3	460	70	< 0.2 *	2.1
AL11999-4	PWRS	1,220	400	10	1.1
Date Analysis Batch Finished:		07/17/07	07/19/07	07/19/07	07/17/07
Time Analysis Batch Finished:		17:27	16:45	15:40	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	4.99	0.5012
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		100	100	100	100
% Extraction Accuracy		N/A	101	101	92
Relative Percent Difference		1	0	3	3

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.

07-23-07
Date

DP-1025

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: 07/13/06
Reporting Date: 07/25/06
Project Number: DP-1025
Project Name: WORMONT DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 07/11/06
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:		07/13/06	07/13/06	07/13/06	07/17/06
Time Analysis Batch Started:		8:32	9:50	11:30	13:45
AK10724-1	MW 1	1,535	325	4.0	33.3
AK10724-2	MW 2	415	50	2.4	1.6
AK10724-3	MW 3	500	180	3.1	3.2
AK10724-4	PWRS	2,065	380	460	0.25
Date Analysis Batch Finished:		07/14/06	07/13/06	07/14/06	07/17/06
Time Analysis Batch Finished:		9:45	15:13	13:25	16:47
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	4.61	1.0027
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	92	100
% Extraction Accuracy		N/A	102	102	103
Relative Percent Difference		2	3	1	0
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.

7-25-06
Date

DP-1025

Advanced Analysis, Inc.

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

AUG 2 0 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: 07/10/09 @ 0 °C
Reporting Date: 07/18/09
Project Number: DP-1025
Project Name: LANDMARK DAIRY
Project Location: LOVINGTON, NM

Sampling Date: 07/08/09 @ 06:50
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:		07/14/09	07/16/09	07/16/09	07/16/09
Time Analysis Batch Started:		11:10	9:45	8:40	11:10
AN14843-1	MW 1	1,435	210	1.8	89.2
AN14843-2	MW 2	340	25	0.3	1.4
AN14843-3	MW 3	470	85	< 0.2	3.8
AN14843-4	PWRS	3,560	600	95	0.05
Date Analysis Batch Finished:		07/15/09	07/16/09	07/14/09	07/16/09
Time Analysis Batch Finished:		17:10	14:00	17:10	18:15
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		980	50	4.85	0.9762
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	97	98
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	103	93	95
Relative Percent Difference		0	0	1	10

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 T104704437-08A-TX

Mario Rodriguez

Mario Rodriguez, Director.

07-27-09
Date