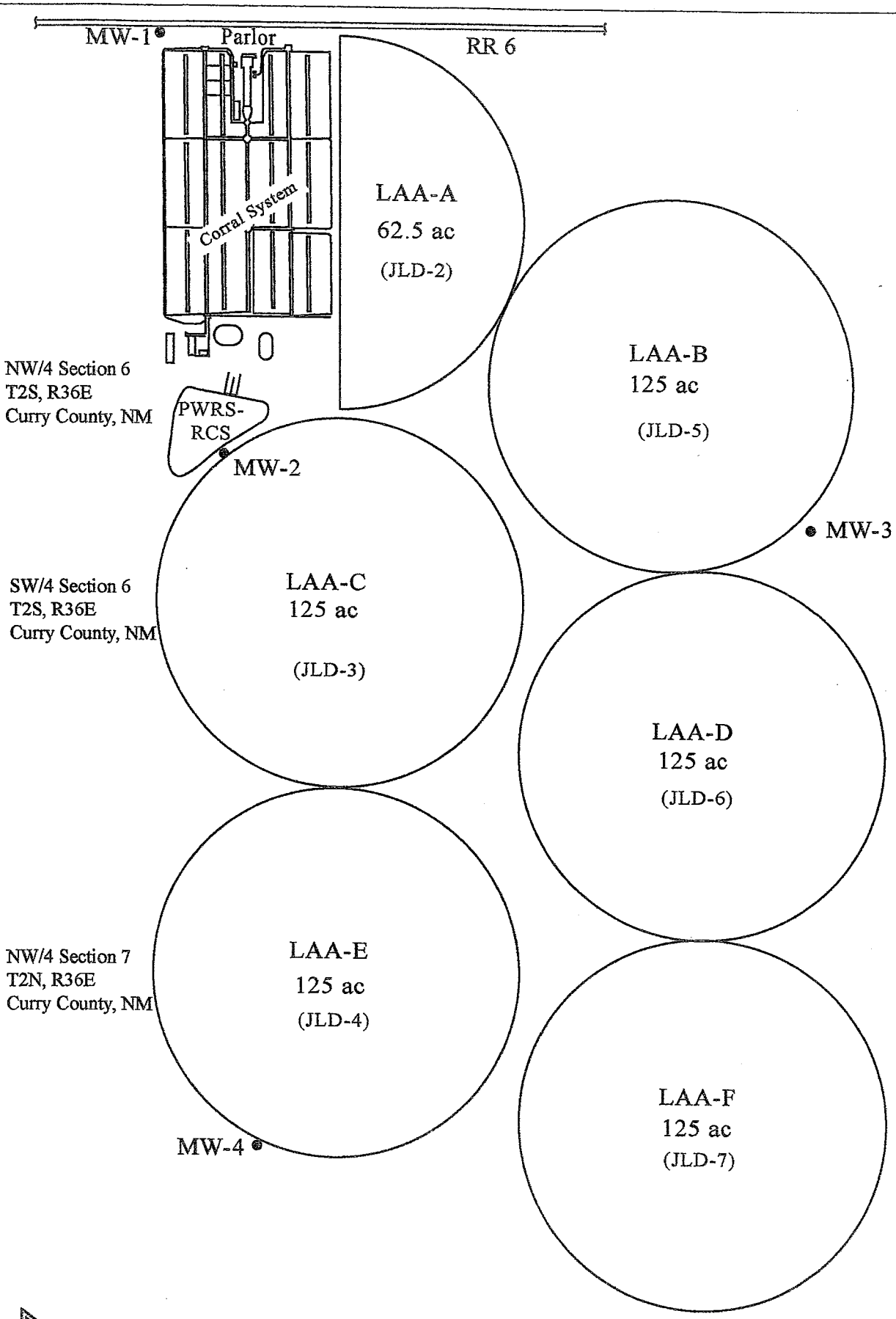
DP-1315



EnviroCompliance Services, Inc.

Office: (575) 762-9674 Fax: (575) 762-3749

Providing Management Assistance for Environmental Compliance Since 1981

Title: J-Lu Dairy Site Map	DP-1315	
Date: 12/3/2008	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-1315

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: 09/01/09 @ 2 °C
Reporting Date: 09/15/09
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 08/31/09 @ 13:20
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:		09/03/09	09/10/09	09/10/09	09/02/09
Time Analysis Batch Started:		9:00	9:45	8:30	10:45
AN15071-1	MW 1	490	30	0.5	13.4
AN15071-2	MW 3	285	10	0.4	0.99
AN15071-3	MW 4	565	35	0.3	5.3
AN15071-4	PWRS	1,820	180	135	0.16
Date Analysis Batch Finished:		09/04/09	09/10/09	09/10/09	09/02/09
Time Analysis Batch Finished:		15:00	12:45	17:15	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.05	1.0734
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	101	107
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	98	88	104
Relative Percent Difference		1	0	5	2
METHODS:EPA 600/4-79-020,		SM2540 D	SM4500B-Cl	351.4	353.3

This report meets NELAC T104704437-08A-TX

09/21/09

Mario Rodriguez, Director.

Date

DP-1315

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

JUL 21 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: 06/26/09 @ 0 °C
Reporting Date: 07/09/09
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 06/25/09 @ 15:40
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:		06/25/09	06/30/09	06/30/09	07/07/09
Time Analysis Batch Started:		11:00	10:00	8:40	14:00
AN14773-1	MW 1	480	35	0.4	3.1
AN14773-2	MW 3	285	10	< 0.2 *	0.67
AN14773-3	MW 4	505	35	1.0	5.4
AN14773-4	PWRS	2,280	210	235	0.09
Date Analysis Batch Finished:		06/26/09	06/30/09	06/30/09	07/07/09
Time Analysis Batch Finished:		14:00	11:25	17:05	17:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		988	50	5.27	1.0073
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	105	101
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	99	88	105
Relative Percent Difference		1	2	3	2
METHODS:EPA 600/4-79-020,		SM2540 D	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.

07-09-09
Date

DP-1315

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

Receiving Date: 02/24/09 @ 4 °C
Reporting Date: 03/11/09
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/23/09 @ 13:30
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:		02/26/09	03/03/09	03/02/09	02/27/09
Time Analysis Batch Started:		13:45	11:00	8:30	10:30
AN14272-1	MW 1	270	15	< 0.2 *	0.66
AN14272-2	MW 2	425	30	< 0.2 *	7.8
AN14272-3	MW 3	275	25	< 0.2 *	0.66
AN14272-4	MW 4	520	35	< 0.2 *	3.9
AN14272-5	PWRS	2,200	240	215	0.05
Date Analysis Batch Finished:		02/27/09	03/03/09	03/03/09	02/27/09
Time Analysis Batch Finished:		10:00	13:50	14:30	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		980	50	5.02	1.0416
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	100	104
% Extraction Accuracy		N/A	101	97	103
Relative Percent Difference		1	3	0	1
METHODS:EPA 600/4-79-020,		SM2540 D	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

DP-1315

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

Receiving Date: 02/10/09 @ 3 °C
Reporting Date: 02/26/09
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/07/09 @ 15:00
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: LA
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:		02/12/09	02/13/09	02/17/09	02/25/09
Time Analysis Batch Started:		9:20	16:00	8:45	11:45
AN14218-1	MW 1	275	10	< 0.2 *	0.56
Date Analysis Batch Finished:		02/13/09	02/13/09	02/17/09	02/25/09
Time Analysis Batch Finished:		15:00	17:15	17:20	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1008	50	5.03	0.2466
True Value QC		1000	50	5.00	0.2500
% Instrument Accuracy		101	100	101	99
% Extraction Accuracy		N/A	100	99	90
Relative Percent Difference		3	0	4	6
METHODS:EPA 600/4-79-020,		SM2540 D	SM4500B-Cl⁻	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

02-26-09
Date

DP-1315

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

Receiving Date: 01/13/09 @ 1 °C
Reporting Date: 01/23/09
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 01/09/09 @ 13:10
Sample Type: GROUNDWATER
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:		01/15/09	01/22/09	01/20/09	01/21/09
Time Analysis Batch Started:		10:00	10:00	8:50	10:30
AN14092-1	MW 1	270	5	0.6	0.8
AN14092-2	MW 2	425	30	< 0.2 *	8.9
AN14092-3	MW 3	285	10	0.4	0.6
AN14092-4	PWRS	2,030	290	190	0.04
Date Analysis Batch Finished:		01/16/09	01/22/09	01/20/09	01/21/09
Time Analysis Batch Finished:		12:20	17:25	16:45	17:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	5.21	0.9747
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	104	97
% Extraction Accuracy		N/A	100	89	104
Relative Percent Difference		2	0	3	12
METHODS:EPA 600/4-79-020,		SM2540 D	SM4500B-Cl⁻	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

01-23-09
Date

DP-1315

Advanced Analysis, Inc.

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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: 08/22/08 @ °C
Reporting Date: 08/27/08
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 08/21/08 @ 15:00
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:		08/25/08	08/25/08	08/25/08	08/26/08
Time Analysis Batch Started:		12:10	15:30	11:00	10:00
AM13502-1	MW 1	470	30	< 0.2 *	11.6
AM13502-2	MW 2	455	20	< 0.2 *	4.5
AM13502-3	MW 3	310	10	< 0.2 *	0.64
AM13502-4	PWRS	2,180	205	160	0.08
Date Analysis Batch Finished:		08/27/08	08/25/08	08/26/08	08/26/08
Time Analysis Batch Finished:		9:00	17:20	12:30	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		988	50	5.15	1.0446
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	103	104
% Extraction Accuracy		N/A	99	97	109
Relative Percent Difference		0	0	9	6

highest NO_3-N

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.

08-27-08
Date

Supposed to be upgradient
~~may be downgradient of LAA-A~~

DP-1315

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: 07/03/08 @ 0 °C
Reporting Date: 07/19/08
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 07/02/08 @ 14:50
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:		07/03/08	07/14/08	07/14/08	07/17/08
Time Analysis Batch Started:		14:20	11:40	12:30	8:45
AM13284-1	MW 1	440	30	< 0.2 *	7.1
AM13284-2	MW 2	415	20	< 0.2 *	3.1
AM13284-3	MW 3	270	10	< 0.2 *	0.78
AM13284-4	PWRS	2,020	230	130	0.16
Date Analysis Batch Finished:		07/04/08	07/14/08	07/15/08	07/17/08
Time Analysis Batch Finished:		12:50	17:15	11:30	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1010	50	4.90	0.5340
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		101	100	98	107
% Extraction Accuracy		N/A	100	90	96
Relative Percent Difference		2	0	5	1

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.

07/19/08

Date

DP-1315

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: 10/12/07
Reporting Date: 10/29/07
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 10/11/07
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:		10/15/07	10/18/07	10/25/07	10/19/07
Time Analysis Batch Started:		11:00	8:45	14:00	13:20
AL12321-1	MW 1	435	30	< 0.2 *	9.6
AL12321-2	MW 2	440	25	< 0.2 *	3.9
AL12321-3	PWRS	1,800	210	105	0.06
Date Analysis Batch Finished:		10/16/07	10/18/07	10/26/07	10/19/07
Time Analysis Batch Finished:		14:00	12:00	17:20	16:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	5.24	0.4861
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		100	100	105	97
% Extraction Accuracy		N/A	101	99	93
Relative Percent Difference		1	0	1	0

lowest TKN

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.

10-29-07

Date

DP-1315

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: 05/05/06
Reporting Date: 05/26/06
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 05/04/06
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:		05/08/06	05/16/06	05/24/06	05/18/06
Time Analysis BatchStarted:		10:45	10:18	10:30	13:15
AK10478-1	MW 1	450	30	< 0.2 *	9.0
AK10478-2	MW 2	405	20	< 0.2 *	1.6
AK10478-3	MW 3	300	15	< 0.2 *	0.74
AK10478-4	PWRS	1,335	150	280	0.11
Date Analysis Batch Finished:		05/09/06	05/16/06	05/25/06	05/18/06
Time Analysis Batch Finished:		9:48	12:00	11:01	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	51	5.32	0.5158
True Value QC		100	50	5.00	0.5000
% Instrument Accuracy		100	102	106	103
% Extraction Accuracy		N/A	101	95	105
Relative Percent Difference		0	2	1	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.

5-26-06
Date

Advanced Analysis, Inc.

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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: 02/24/09 @ 4 °C
Reporting Date: 03/11/09
Project Number: DP-1315
Project Name: J-LU DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/23/09 @ 13:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

DP-1315

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		02/26/09	03/03/09	03/02/09	02/27/09
Time Analysis Batch Started:		13:45	11:00	8:30	10:30
AN14272-1	MW 1	270	15	< 0.2 *	0.66
AN14272-2	MW 2	425	30	< 0.2 *	7.8
AN14272-3	MW 3	275	25	< 0.2 *	0.66
AN14272-4	MW 4	520	35	< 0.2 *	3.9
AN14272-5	PWRS	2,200	240	215	0.05
Date Analysis Batch Finished:		02/27/09	03/03/09	03/03/09	02/27/09
Time Analysis Batch Finished:		10:00	13:50	14:30	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		980	50	5.02	1.0416
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	100	104
% Extraction Accuracy		N/A	101	97	103
Relative Percent Difference		1	3	0	1
METHODS: EPA 600/4-79-020,		SM2540 D	SM4500B-Cl⁻	351.4	353.3

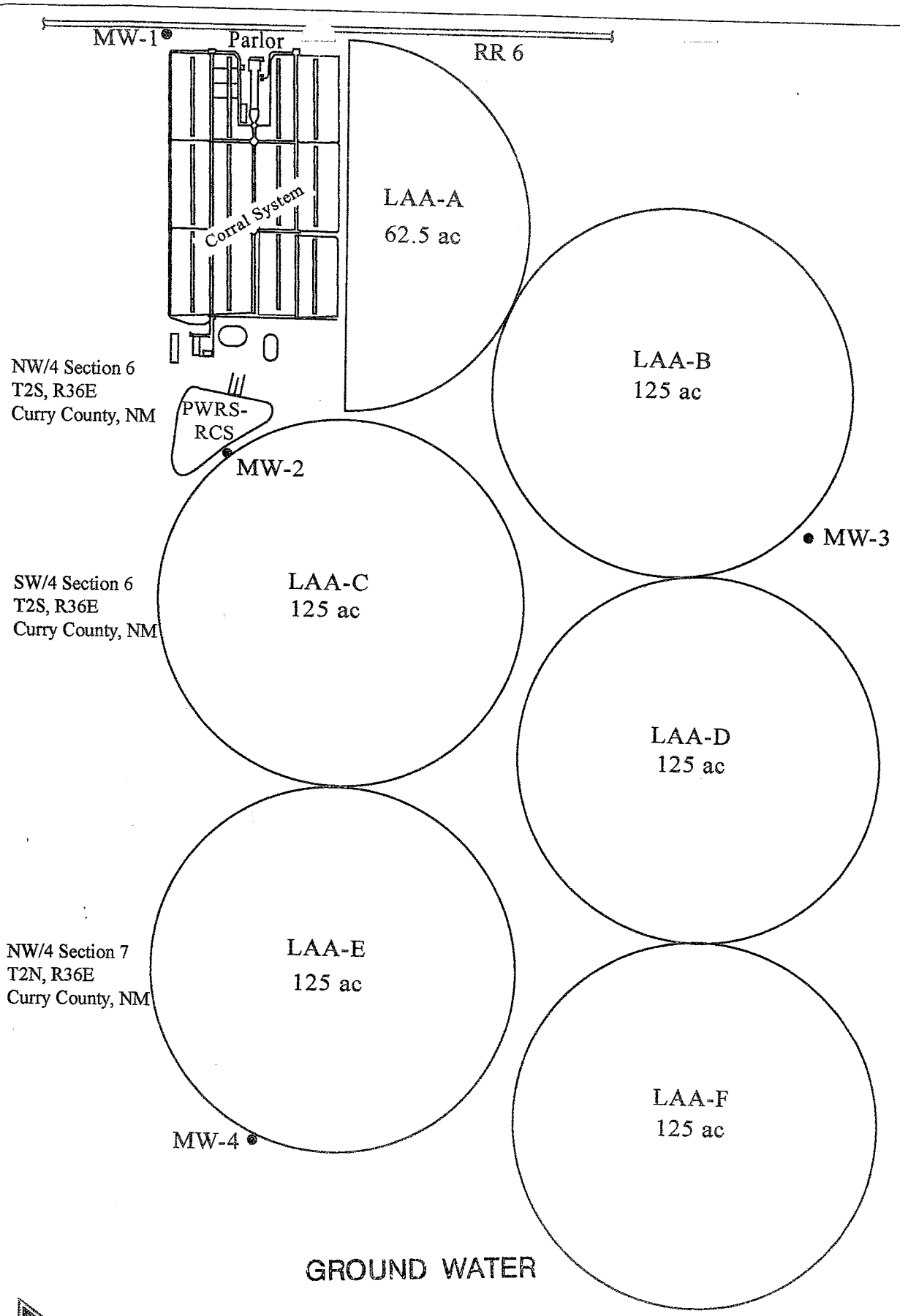
MW-2
↳ highest NO_3-N reported
↳ source: lagoon
MW-1
↳ upgradient MW

Comment: you need to change the ever had confirmed NO_3-N contamination question to NO

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

Mario Rodriguez
Mario Rodriguez, Director.

03-11-09
Date



GROUND WATER

EnviroCompliance Services, Inc.

JUL 2 1 2009

BUREAU

Office: (575) 762-9674 Fax: (575) 762-3749

Providing Management Assistance for Environmental Compliance Since 1981

Title: J-Lu Dairy Site Map	DP-1315	
Date: 12/3/2008	DWG/Doc Ref Not to Scale	Sheet No 1/1