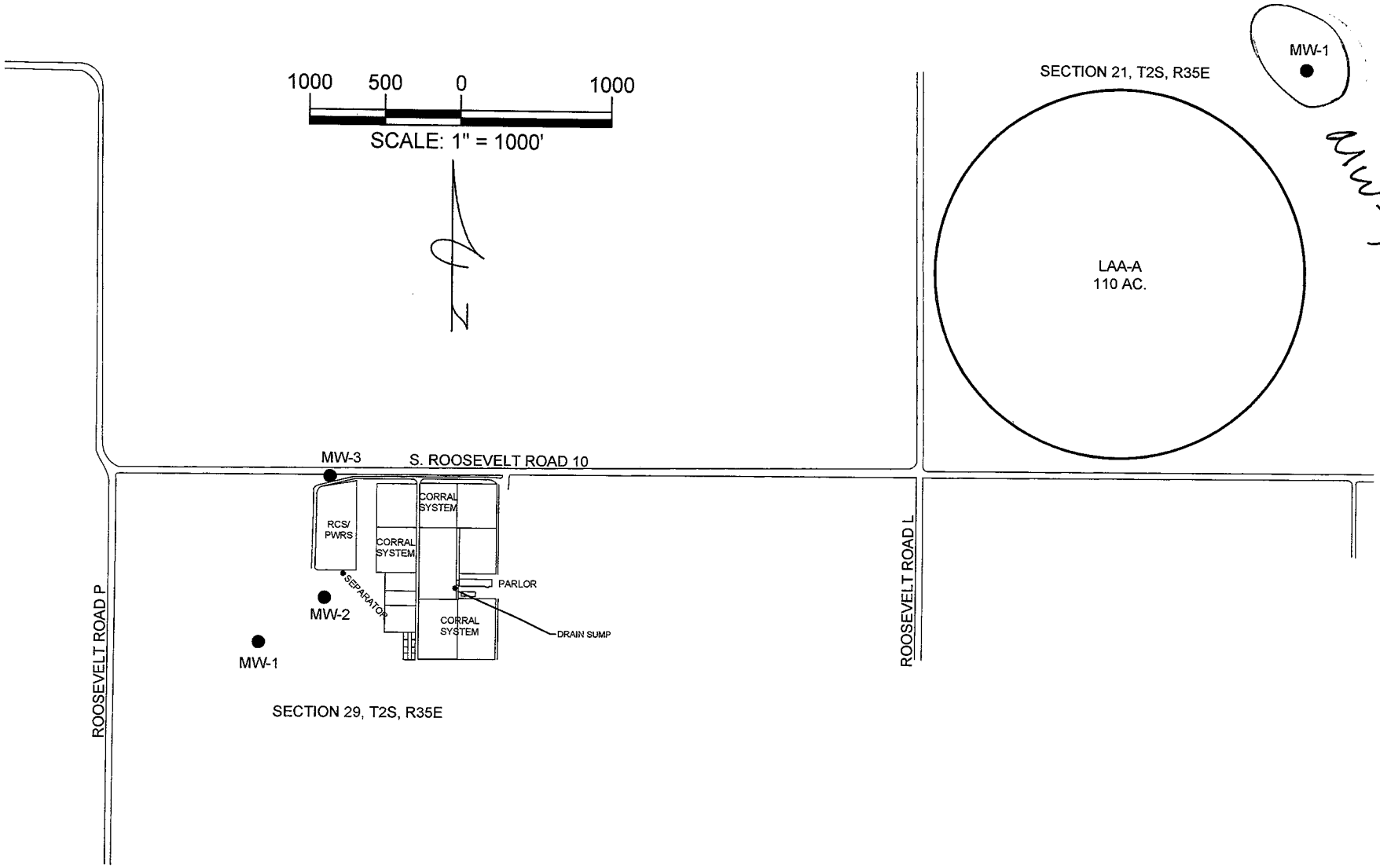
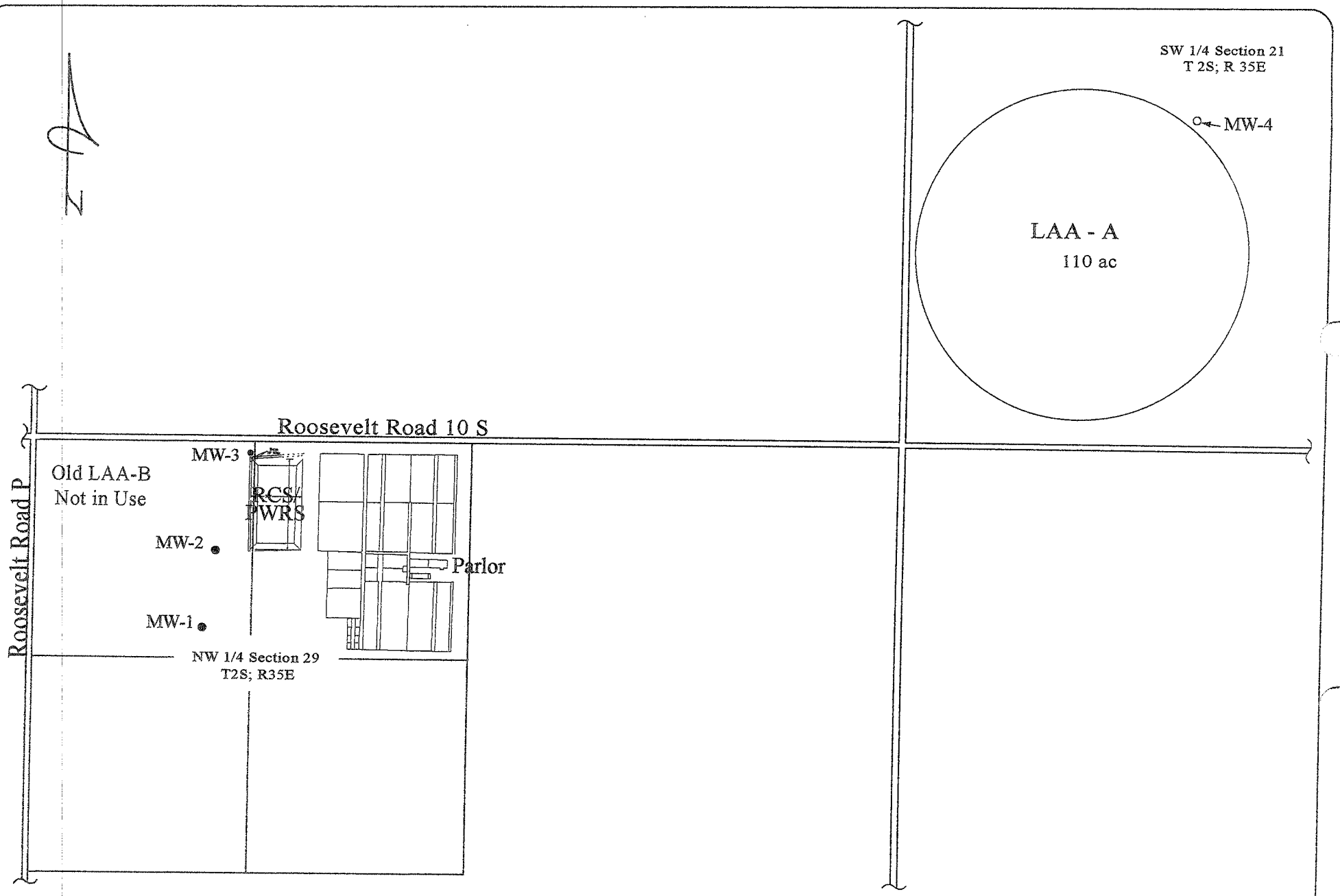


H & R WESTRA DAIRY

SITE MAP --10/20/09

Enviro Compliance Services, Inc
Office (575) 762-9674 Fax (575) 762-3749
Providing Management Assistance for Environmental Compliance Since 1981



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

GROUND WATER

SEP 15 2009

Title: H & R Westra Dairy Overall Site Layout		DP-667
Date: 8/31/2006	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-667

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 88101-3231
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/28/09 @ 0 °C
Reporting Date: 08/18/09
Project Number: DP-667
Project Name: H & R WESTRA DAIRY
Project Location: PORTALES, NM

Sampling Date: 07/27/09 @ 11:15
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:		07/28/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Started:		13:45	10:00	8:45	15:30
AN14919-1	MW 1	1,590	270	0.2	1.4
AN14919-2	MW 2	1,780	300	0.5	4.5
AN14919-3	MW 3	3,190	580	< 0.2 *	2.2
AN14919-4	MW 4	680	60	0.5	19.7
AN14919-5	PWRS	3,440	500	160	8.8
Date Analysis Batch Finished:		07/29/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Finished:		12:35	13:30	17:05	18:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.04	0.9420
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	101	94
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	91	110
Relative Percent Difference		1	0	3	2

METHODS: EPA 600/4-79-020,	160.1	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez
Mario Rodriguez, Director.

08-18-09
Date

DP-667

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 88101-3231
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 05/13/09 @ 0 °C
Reporting Date: 05/20/09
Project Number: DP-667
Project Name: H & R WESTRA DAIRY
Project Location: PORTALES, NM

Sampling Date: 05/12/09 @ 10:00
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:		05/14/09	05/18/09	05/14/09	05/18/09
Time Analysis Batch Started:		10:00	11:15	9:00	10:30
AN14591-1	MW 1	1,655	310	0.4	1.5
AN14591-2	MW 2	1,860	375	< 0.2 *	2.8
AN14591-3	MW 3	3,330	630	1.0	9.2
AN14591-4	MW 4	630	45	0.6	18.7
AN14591-5	PWRS	4,220	910	110	0.09
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,		160.1	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez, Director.

05/20/09
Date

DP-667

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 12 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: 02/12/09 @ 5 °C
Reporting Date: 02/26/09
Project Number: DP-667
Project Name: H & R WESTRA DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/11/09 @ 11:45
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:		02/12/09	02/13/09	02/17/09	02/25/09
Time Analysis Batch Started:		9:20	16:00	8:45	11:45
AN14226-1	MW 1	1,550	290	< 0.2 *	1.3
AN14226-2	MW 2	1,805	340	< 0.2 *	3.5
AN14226-3	MW 3	3,330	700	0.6	6.9
AN14226-4	MW 4	535	15	0.4	17.1
AN14226-5	PWRS	3960	610	195	8.1
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-667

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 88101-3231
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 10/27/08 @1 °C
Reporting Date: 11/03/08
Project Number: DP-667
Project Name: H & R WESTRA DAIRY
Project Location: PORTALES, NM

Sampling Date: 10/22/08 @ 10:40
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: OH
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:		10/27/08	10/28/08	10/28/08	10/30/08
Time Analysis Batch Started:		10:00	10:00	8:35	14:30
AM13808-1	MW 1	1,610	300	< 0.2 *	1.3
AM13808-2	MW 2	1,800	340	< 0.2 *	1.8
AM13808-3	MW 3	3,120	650	0.4	3.4
AM13808-4	MW 4	525	15	< 0.2 *	14.6
AM13808-5	PWRS	4,010	650	140	2.8
Date Analysis Batch Finished:		10/28/08	10/28/08	10/28/08	10/30/08
Time Analysis Batch Finished:		9:30	14:00	17:15	17:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1008	50	5.27	0.7887
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		101	100	105	105
% Extraction Accuracy		N/A	101	102	107
Relative Percent Difference		1	0	0	1

METHODS: EPA 600/4-79-020,	160.1	SM4500B-Cl⁻	351.4	353.3

Mario Rodriguez

Mario Rodriguez, Director.

11-03-08
Date

Servi-Tech Laboratories

6921 S. Bell • Amarillo, TX 79109
www.servitechlabs.com

Phone: 806.677.0093 • 800.557.7509 • **Fax:** 806.677.0329

Lab #: A-2007NL**001501**

LABORATORY REPORT

Report Date: 08/22/2007 05:58 pm

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Laboratory Manager

Project ID: H & R WESTRA DAIRY
Project Title: 8-28-07
Sample ID: PWRS
Client Name: H & R WESTRA DAIRY
Subject: Wastewater Lab Analysis

Date/Time Received: 08/02/2007 09:30 am
Name of Submitter: MICHAEL DOLAN
Date/Time Sampled: 08/01/2007 08:00 am
Name of Sampler: MICHAEL DOLAN

Location:

Invoice No: 400525
P.O. #:
Depth:
Flow Rate:

Analysis

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	ND	mg/L	0.10	EPA 353.2	8/3/2007 12:14PM	LF
Total Kjeldahl Nitrogen, TKN	110	mg/L	25	EPA 351.3	8/6/2007	RR
Chloride, Cl	600	mg/L	10	EPA 325.2	8/22/2007 1:07PM	LF
Total Dissolved Solids, TDS	3210	mg/L	50	SM 2540 C (20th Ed.)	8/9/2007	KC

lowest TKN

RL = Reporting Limit | ND = Not Detected at RL

DP-667

Advanced Analysis, Inc.

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

2nd highest N & TKN (highest in Rpt rd. 4/6/07, but not in my files)

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-3231
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 05/05/06
Reporting Date: 05/24/06
Project Number: DP-667
Project Name: H & R WESTRA 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	05/17/06	05/18/06
Time Analysis Batch Started:		10:45	10:18	12:25	13:15
AK10474-1	MW 1	1,440	285	<0.2	2.0
AK10474-2	MW 2	1,775	350	<0.2	2.8
AK10474-3	MW 3	1,145	295	<0.2	5.8
AK10474-4	MW 4	300	15	<0.2	19.9
AK10474-5	PWRS	21,435	4,700	375	1.1 hi
Date Analysis Batch Finished:		05/09/06	05/16/06	05/18/06	05/18/06
Time Analysis Batch Finished:		9:48	12:00	9:50	16:30
Blank		<1	<1	<0.2	<0.01
Quality Control		1002	51	4.97	0.5168
True Value QC		1000	50	5	0.5
% Instrument Accuracy		100	102	99	103
% Extraction Accuracy		N/A	101	100	105
Relative Percent Difference		0	2	0	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

Mario Rodriguez
Mario Rodriguez, Director.

5-24-06
Date

MW-4
Land App Area