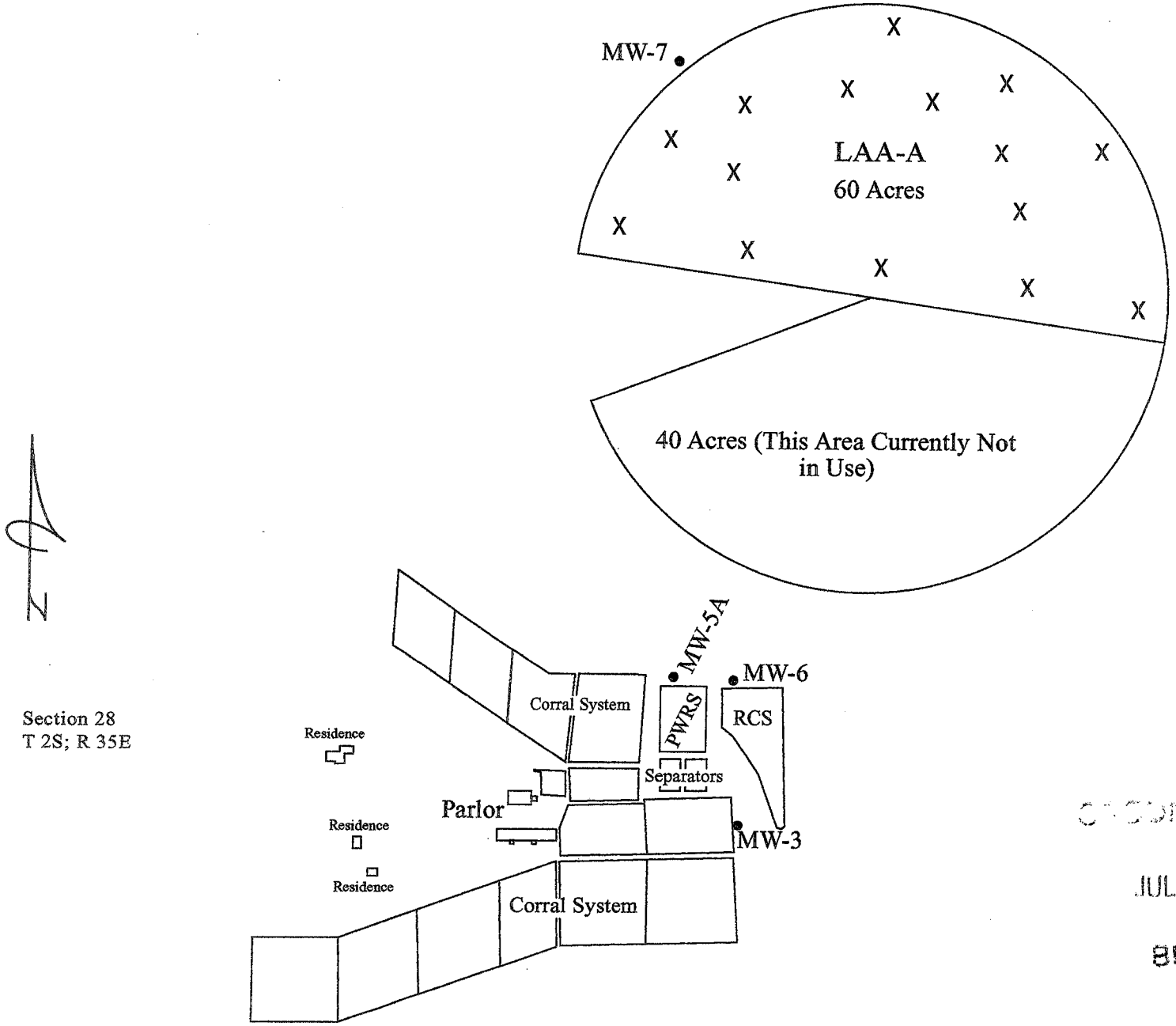

GROUND WATER
JUL 2 2 2009
BUREAU

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

Title: Back Nine Dairy Site Map w/3 New MWs		DP-595
Date: 6/22/2009	DWG/Doc Ref N.T.S.	Sheet No. 1/1

595

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: 04/18/09 @ 6 °C
Reporting Date: 04/23/09
Project Number: DP-595
Project Name: BACK NINE DAIRY
Project Location: PORTALES, NM

Sampling Date: 04/16/09 @ 12:30
Sample Type:GROUNDWATER
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:		04/20/09	04/21/09	04/21/09	04/22/09
Time Analysis Batch Started:		10:30	10:00	8:40	14:30
	Initial Samples				
AN14502-1	MW - 5 Confirmation	1450	260	0.2	4.7
AN14502-2	MW 5A Confirmation	1,370	230	< 0.2 *	19.2
AN14502-3	MW 6 Confirmation	1,980	340	0.8	63.7
AN14502-4	MW 7 Confirmation	680	105	< 0.2 *	6.1
Date Analysis Batch Finished:		04/21/09	04/21/09	04/21/09	04/22/09
Time Analysis Batch Finished:		12:30	11:55	17:10	16:20
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.43	0.7452
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		100	100	108	99
% Extraction Accuracy		N/A	99	101	98
Relative Percent Difference		1	0	0	1
METHODS: STD. METHODS		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.

04-23-09
Date

Stormwater Imp.

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: 02/12/09 @ 5 °C
Reporting Date: 02/26/09
Project Number: DP-595
Project Name: BACK NINE DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/11/09 @ 13:40
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:		02/12/09	02/13/09	02/19/09	02/25/09
Time Analysis Batch Started:		9:20	16:00	8:30	11:45
AN14228-1	MW 3	1,345	280	0.3	7.0
AN14228-2	MW 4	1,380	280	0.3	3.6
AN14228-3	MW 5	1,410	415	< 0.2 *	4.6
AN14228-4	PWRS	2,920	440	245	< 0.02 *
Date Analysis Batch Finished:		02/13/09	02/13/09	02/19/09	02/25/09
Time Analysis Batch Finished:		15:00	17:15	16:50	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1008	50	4.83	0.2466
True Value QC		1000	50	5.00	0.2500
% Instrument Accuracy		101	100	97	99
% Extraction Accuracy		N/A	100	92	90
Relative Percent Difference		3	0	1	6
METHODS: STD. METHODS		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.

02-26-09
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
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 10/24/08 @ 1 °C
Reporting Date: 11/03/08
Project Number: DP-595
Project Name: BACK NINE DAIRY
Project Location: PORTALES, NM

Sampling Date: 10/23/08 @ 8:30
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
AM13807-1	MW 3	1,420	300	< 0.2 *	9.3
AM13807-2	MW 4	1,390	310	< 0.2 *	3.6
AM13807-3	MW 5	1,400	290	< 0.2 *	3.4
AM13807-4	PWRS	2,280	320	155	0.17
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: STD. METHODS	160.1	SM4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

11-03-08
Date

595

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: 05/05/06
Reporting Date: 05/26/06
Project Number: DP-595
Project Name: BACK NINE 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	05/22/06	05/18/06
Time Analysis Batch Started:		10:45	10:18	8:20	13:15
AK10477-1	MW 3	1080	175	0.3	5.4
AK10477-2	MW 4	500	85	0.3	3.8
AK10477-3	MW 5	1170	210	0.4	6.4
AK10477-4	PWRS	3765	520	990	0.50
Date Analysis Batch Finished:		05/09/06	05/16/06	05/23/06	05/18/06
Time Analysis Batch Finished:		9:48	12:00	11:18	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	51	5.01	0.5158
True Value QC		100	50	5.00	0.5000
% Instrument Accuracy		100	102	100	103
% Extraction Accuracy		N/A	101	101	105
Relative Percent Difference		0	2	0	1
METHODS: STD. METHODS		160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

5-26-06
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
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 03/11/09 @ 0 °C
Reporting Date: 04/18/09
Project Number: DP-595
Project Name: BACK NINE DAIRY
Project Location: PORTALES, NM

Sampling Date: 03/09/09 @ 09:45
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:		03/12/09	04/07/09	03/26/09	04/07/09
Time Analysis Batch Started:		10:00	11:30	9:00	10:30
AN14348-1	MW 3	1,400	270	0.3	13.8
AN14348-2	MW 4	1,395	260	0.3	5.1
AN14348-3	PWRS	2,960	430	235	0.16
Date Analysis Batch Finished:		03/13/09	04/07/09	03/26/09	04/07/09
Time Analysis Batch Finished:		14:30	13:35	15:50	17:35
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	5.24	1.0120
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	105	101
% Extraction Accuracy		N/A	101	99	101
Relative Percent Difference		0	0	5	1
METHODS: STD. METHODS		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.

4-18-09
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: 03/11/09 @ 0 °C
Reporting Date: 04/08/09
Project Number: DP-595
Project Name: BACK NINE DAIRY
Project Location: PORTALES, NM

Sampling Date: 03/09/09 @ 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:		03/12/09	04/07/09	03/30/09	04/07/09
Time Analysis Batch Started:		10:00	11:30	8:35	10:30
	Initial Samples				
AN14349-1	MW - 5A	1,375	210	0.8	21.7
AN14349-2	MW - 6	1,630	230	0.7	49.4
AN14349-3	MW 7	735	120	< 0.2 *	8.2
Date Analysis Batch Finished:		03/13/09	04/07/09	03/30/09	04/07/09
Time Analysis Batch Finished:		14:30	13:35	17:10	17:35
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	5.12	1.0120
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	102	101
% Extraction Accuracy		N/A	101	89	101
Relative Percent Difference		0	0	4	1
METHODS: STD. METHODS		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez, Director.

04-08-09
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-2008NL**002222**

LABORATORY REPORT

Report Date: 08/16/2008 12:16 pm

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

Steve Harrold
Laboratory Manager

Project ID: BACK NINE DAIRY
Project Title: DP-595
Sample ID: PWRS
Client Name: BACK NINE DAIRY
Subject: Wastewater Lab Analysis

Date/Time Received: 08/06/2008 09:30 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 08/05/2008 10:10 am
Name of Sampler: MICHAEL DOLAN

Location:
Invoice No: 401148
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	0.11	mg/L	0.10	EPA 353.2	8/7/2008 2:00PM	LF
Total Kjeldahl Nitrogen, TKN	250	mg/L	35	EPA 351.3	8/15/2008	RR
Chloride, Cl	690	mg/L	10	EPA 325.2	8/7/2008 2:23PM	LF
Total Dissolved Solids, TDS	2650	mg/L	100	SM 2540 C (20th Ed.)	8/15/2008	KC

RL = Reporting Limit

595

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-2008NL**002221**

LABORATORY REPORT

Report Date: 08/14/2008 05:00 pm

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

Steve Harrold
Laboratory Manager

Project ID: BACK NINE DAIRY
Project Title: DP-595
Sample ID: MW 5
Client Name: BACK NINE DAIRY
Subject: Monitoring Well Lab Analysis

Date/Time Received: 08/06/2008 09:30 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 08/05/2008 10:50 am
Name of Sampler: MICHAEL DOLAN

Location:
Invoice No: 401148
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	4.7	mg/L	0.10	EPA 353.2	8/7/2008 1:49PM	LF
Total Kjeldahl Nitrogen, TKN	ND	mg/L	6	EPA 351.3	8/13/2008	RR
Chloride, Cl	260	mg/L	10	EPA 325.2	8/7/2008 2:40PM	LF
Total Dissolved Solids, TDS	1600	mg/L	20	SM 2540 C (20th Ed.)	8/14/2008	KC

RL = Reporting Limit | ND = Not Detected at RL