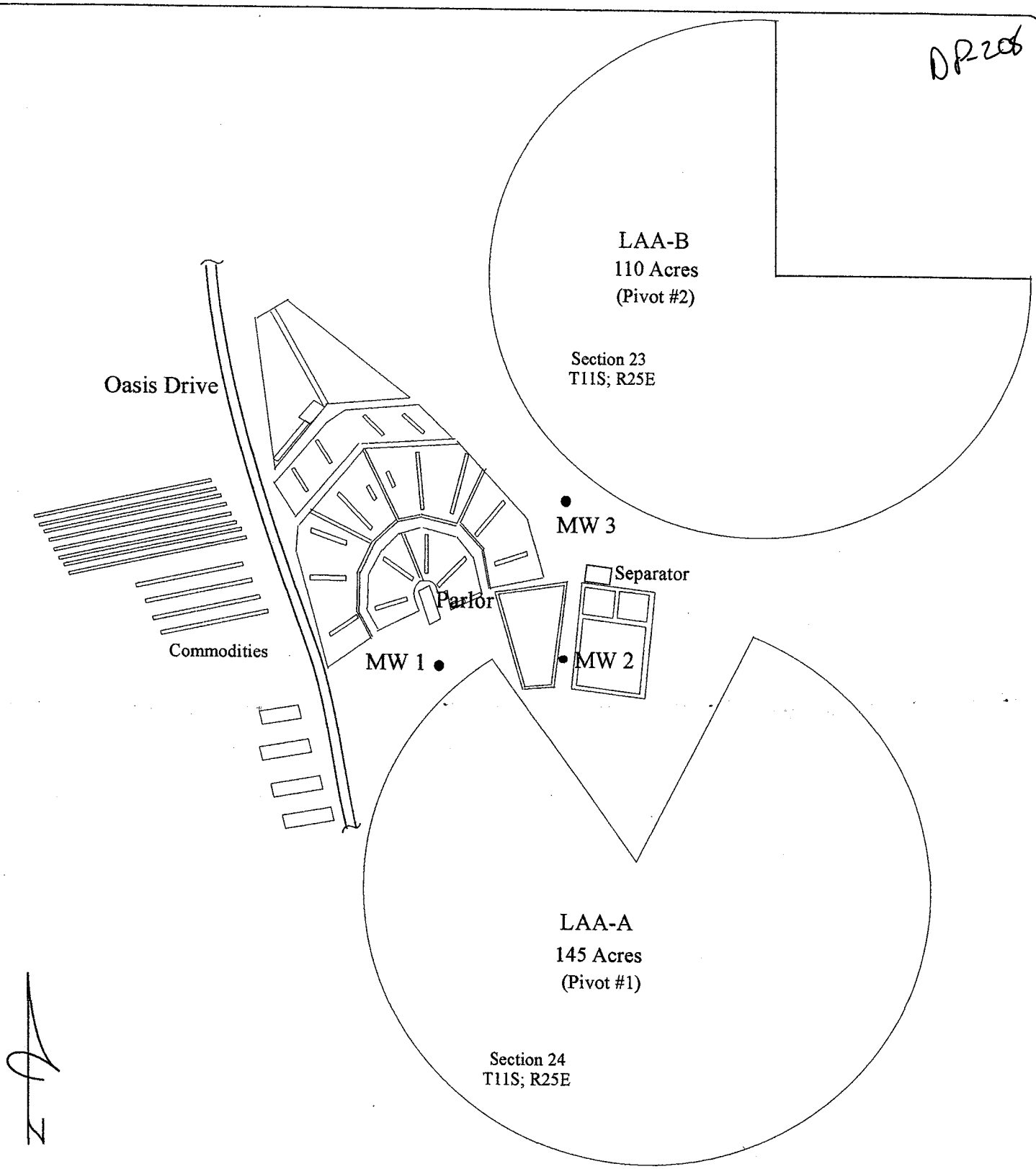
DP208



Attachment B-3

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

Title: Oasis Dairy Farms, Inc. Overall Site Layout		DP-208
Date: 1/10/2007	DWG/Doc Ref: Not to Scale	Sheet No: 1/1

DP-208

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: 08/26/09 @ 4 °C (Ice in cooler)
Reporting Date: 09/15/09
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 08/25/09 @ 8:00
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:		08/27/09	08/27/09	09/01/09	09/02/09
Time Analysis Batch Started:		8:45	15:50	8:40	10:15
AN15048-1	MW 1	2,920	310	1.0	11.2
AN15048-2	MW 2	3,630	510	1.1	22.4
AN15048-3	MW 3	3,495	390	9.4	57.4
AN15048-4	PWRS	2,960	530	205	0.17
Date Analysis Batch Finished:		08/28/09	08/27/09	09/01/09	09/02/09
Time Analysis Batch Finished:		13:00	17:10	17:05	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		988	50	5.09	1.0734
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	102	107
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	95	104
Relative Percent Difference		0	0	5	2
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez, Director.

09/15/09
Date

DP-208

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 0 4 2009

BUREAU

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: 04/29/09 @ 0 °C
Reporting Date: 05/07/09
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 04/28/09 @ 9:00
Sample Type: WELL 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:		04/29/09	05/04/09	05/05/09	05/01/09
Time Analysis Batch Started:		16:40	11:10	8:35	13:30
AN14536-1	MW 1	3,450	385	0.5	11.8
AN14536-2	MW 2	2,720	360	0.7	3.1
AN14536-3	MW 3	5,190	600	10.7	98.7
Date Analysis Batch Finished:		04/30/09	05/04/09	05/05/09	05/01/09
Time Analysis Batch Finished:		17:00	12:30	17:00	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	50	5.05	1.0030
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	101	100
% Extraction Accuracy		90 - 110	95 - 105	85 - 115	85 - 115
Hi - Low %		N/A	100	93	99
Relative Percent Difference		0	0	3	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez, Director.

05-07-09
Date

DP-208

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
JAN 04 2008
BUREAU

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: 11/10/07
Reporting Date: 11/14/07
Project Number: DP-~~1168~~ 208
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 11/09/07
Sample Type: WELL 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:		11/12/07	11/12/07	11/13/07	11/13/07
Time Analysis Batch Started:		10:20	13:30	8:45	11:00
AL12428-1	MW 1	1,330	250	< 0.2 *	2.0
AL12428-2	MW 2	3,945	540	14.3	1.3
AL12428-3	MW 3	4,485	570	49.2	0.38
Date Analysis Batch Finished:		11/13/07	11/12/07	11/13/07	11/13/07
Time Analysis Batch Finished:		10:30	15:45	16:00	14:15
Blank		< 1	< 1	< 0.21	< 0.01
Quality Control		982	50	5.02	0.5318
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		98	100	100	106
% Extraction Accuracy		N/A	102	96	95
Relative Percent Difference		2	3	2	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.

11-14-07
Date

DP-208

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

Receiving Date: 03/03/07
Reporting Date: 03/17/07
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 03/02/07
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:		03/06/07	03/08/07	03/08/07	03/06/07
Time Analysis Batch Started:		9:00	10:50	8:50	13:00
AL11531-1	MW 1	1,135	180	< 0.2 *	1.7
AL11531-2	MW 2	4,075	520	23.4	0.55
AL11531-3	MW 3	3,555	450	63.5	0.06
AL11531-4	PWRS	2,260	410	120	0.05
Date Analysis Batch Finished:		03/08/07	03/08/07	"03/09/07	03/06/07
Time Analysis Batch Finished:		12:00	17:00	16:55	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	51	4.79	0.8987
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	102	96	90
% Extraction Accuracy		N/A	97	106	90
Relative Percent Difference		2	2	7	7
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.

03/27/07

Date

DP-208

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

Receiving Date: 07/19/07
Reporting Date: 08/02/07
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 07/17/07
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:		07/23/07	07/27/07	07/30/07	07/25/07
Time Analysis Batch Started:		13:40	11:40	13:30	11:00
AL12026-1	MW 1	1,295	220	< 0.2 *	2.3
AL12026-2	MW 2	4,230	435	17.3	0.05
AL12026-3	MW 3	4,070	415	51.2	0.34
AL12026-4	PWRS	2,000	350	160	0.30
Date Analysis Batch Finished:		07/24/07	07/27/07	07/31/07	07/25/07
Time Analysis Batch Finished:		17:30	17:00	17:20	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		0:00	50	4.78	0.3350
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		99	100	96	112
% Extraction Accuracy		N/A	98	97	95
Relative Percent Difference		0	0	1	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.

08-02-07
Date

DR-208

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**000993**

LABORATORY REPORT

Report Date: 06/20/2007 11:09 am

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

Steve Harrold
Laboratory Manager

Project ID: 7-1-07
Project Title: OASIS DAIRY FARMS
Sample ID: MW 2
Client Name: OASIS DAIRY FARMS
Subject: Monitoring Well Lab Analysis

Date/Time Received: 06/11/2007 09:30 am
Name of Submitter: BEN CARTY
Date/Time Sampled: 06/06/2007 09:45 pm
Name of Sampler: BEN CARTY

Location:
Invoice No: 400428
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	0.16	mg/L	0.10	EPA 353.2	6/11/2007 3:56PM	LF
Total Kjeldahl Nitrogen, TKN	20	mg/L	6	EPA 351.3	6/13/2007	RR
Chloride, Cl	460	mg/L	40	EPA 300.0	6/19/2007 7:29PM	SH
Total Dissolved Solids, TDS	4240	mg/L	20	SM 2540 C (20th Ed.)	6/19/2007	KC

Sample Acceptability Criteria
The sample did not meet the temperature preservation requirement of 4 ± 2 °C upon receipt by the laboratory.

RL = Reporting Limit

DP-208

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-2007NL000994

LABORATORY REPORT

Report Date: 06/20/2007 11:10 am

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

Steve Harrold
Laboratory Manager

Project ID: 7-1-07
Project Title: OASIS DAIRY FARMS
Sample ID: MW 3
Client Name: OASIS DAIRY FARMS
Subject: Monitoring Well Lab Analysis

Date/Time Received: 06/11/2007 09:30 am
Name of Submitter: BEN CARTY
Date/Time Sampled: 06/06/2007 10:20 pm
Name of Sampler: BEN CARTY

Location:
Invoice No: 400428
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	6/11/2007 3:57PM	LF
Total Kjeldahl Nitrogen, TKN	57	mg/L	6	EPA 351.3	6/13/2007	RR
Chloride, Cl	370	mg/L	40	EPA 300.0	6/19/2007 7:44PM	SH
Total Dissolved Solids, TDS	3790	mg/L	20	SM 2540 C (20th Ed.)	6/19/2007	KC

Sample Acceptability Criteria

The sample did not meet the temperature preservation requirement of 4 ± 2 °C upon receipt by the laboratory.

- = Reporting Limit

DP-208

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**000992**

LABORATORY REPORT

Report Date: 06/20/2007 11:09 am

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

Steve Harrold
Laboratory Manager

Project ID: 7-1-07
Project Title: OASIS DAIRY FARMS
Sample ID: MW 1
Client Name: OASIS DAIRY FARMS
Subject: Monitoring Well Lab Analysis

Date/Time Received: 06/11/2007 09:30 am
Name of Submitter: BEN CARTY
Date/Time Sampled: 06/06/2007 09:00 pm
Name of Sampler: BEN CARTY

Location:
Invoice No: 400428
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tec
Nitrate+Nitrite Nitrogen, NO3+NO2-N	2.03	mg/L	0.10	EPA 353.2	6/11/2007 3:55PM	LF
Total Kjeldahl Nitrogen, TKN	ND	mg/L	5	EPA 351.3	6/13/2007	RF
Chloride, Cl	180	mg/L	4	EPA 300.0	6/19/2007 7:15PM	SH
Total Dissolved Solids, TDS	1290	mg/L	20	SM 2540 C (20th Ed.)	6/19/2007	KC

Sample Acceptability Criteria
The sample did not meet the temperature preservation requirement of 4 ± 2 °C upon receipt by the laboratory.

RL = Reporting Limit | ND = Not Detected at RL

DP-208

STATE OF NEW MEXICO

DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
(505) 841-2500

WATER CHEMISTRY SECTION (505)-841-2555

SAMPLE COLLECTION DATE: 9/23/97 TIME: 1145 BY: Sch

SAMPLING LOCATION: DP-208 Effluent

SAMPLE MATRIX: wat

RECEIVED

OCT 23 1997

GROUND WATER

SLD No.: WC- 9704335

REQUEST ID No.:	176528
RECEIVED AT SLD:	9/25/97
USER:	55410
SUBMITTER:	541
WSS #:	0

This Copy of Report for::

Dale Doremus
ED Ground Water Section
PO Box 26110
Santa Fe, NM 87502

DISTRIBUTION TO:

Dale Doremus {S}

Water Chemistry Section - File Copy

ANALYTICAL RESULTS

Analyte	Result	Units	Analysis Date	Method	Minimum Level	Dilution Factor	Sample Det. Limit	Analyst	Data Qualifier
Nitrate + Nitrite	<0.1	mG/L	9/30/97	353.2	.1	1.	.1	Paul Ortega	
Ammonia	51.1	mG/L	9/30/97	Mod350.1	.1	1.	.1	Cyndi Reynolds	
TKN	111	mG/L	10/1/97	351.2	.1	1.	.1	Cyndi Reynolds	

Laboratory Comments:

Reviewed by Diana Suvannant, PhD
Supervisor, Water Chemistry Section

Date Printed: 14-Oct-97

Data Qualifier Codes and Definitions

U - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample detection limit.
J - The associated value is an estimated quantity.
R - The data are unusable. (Note: Analyte may or may not be present.
UJ - The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

DP-208

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: 08/26/09 @ 4 °C (Ice in cooler)
Reporting Date: 09/15/09
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 08/25/09 @ 8:00
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:		08/27/09	08/27/09	09/01/09	09/02/09
Time Analysis Batch Started:		8:45	15:50	8:40	10:15
AN15048-1	MW 1	2,920	310	1.0	11.2
AN15048-2	MW 2	3,630	510	1.1	22.4
AN15048-3	MW 3	3,495	390	9.4	57.4
AN15048-4	PWRS	2,960	530	205	0.17
Date Analysis Batch Finished:		08/28/09	08/27/09	09/01/09	09/02/09
Time Analysis Batch Finished:		13:00	17:10	17:05	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		988	50	5.09	1.0734
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	102	107
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	95	104
Relative Percent Difference		0	0	5	2
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez, Director.

09/15/09
Date

DP-208

Advanced Analysis, Inc.

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Tel: (806) 796-2805 Fax : (806) 796-2825

GROUND WATER

AUG 04 2009

BUREAU

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: 04/29/09 @ 0 °C
Reporting Date: 05/07/09
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 04/28/09 @ 9:00
Sample Type: WELL 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:		04/29/09	05/04/09	05/05/09	05/01/09
Time Analysis Batch Started:		16:40	11:10	8:35	13:30
AN14536-1	MW 1	3,450	385	0.5	11.8
AN14536-2	MW 2	2,720	360	0.7	3.1
AN14536-3	MW 3	5,190	600	10.7	98.7
Date Analysis Batch Finished:		04/30/09	05/04/09	05/05/09	05/01/09
Time Analysis Batch Finished:		17:00	12:30	17:00	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	50	5.05	1.0030
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	101	100
% Extraction Accuracy		90 - 110	95 - 105	85 - 115	85 - 115
Hi - Low %		N/A	100	93	99
Relative Percent Difference		0	0	3	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

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

Mario Rodriguez, Director.

05-07-09
Date

DP-208

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

Receiving Date: 03/03/07
Reporting Date: 03/17/07
Project Number: DP-1168
Project Name: OASIS DAIRY FARMS
Project Location: ROSWELL, NM

Sampling Date: 03/02/07
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:		03/06/07	03/08/07	03/08/07	03/06/07
Time Analysis Batch Started:		9:00	10:50	8:50	13:00
AL11531-1	MW 1	1,135	180	< 0.2 *	1.7
AL11531-2	MW 2	4,075	520	23.4	0.55
AL11531-3	MW 3	3,555	450	63.5	0.06
AL11531-4	PWRS	2,260	410	120	0.05
Date Analysis Batch Finished:		03/08/07	03/08/07	"03/09/07	03/06/07
Time Analysis Batch Finished:		12:00	17:00	16:55	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	51	4.79	0.8987
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	102	96	90
% Extraction Accuracy		N/A	97	106	90
Relative Percent Difference		2	2	7	7
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.

03/27/07

Date