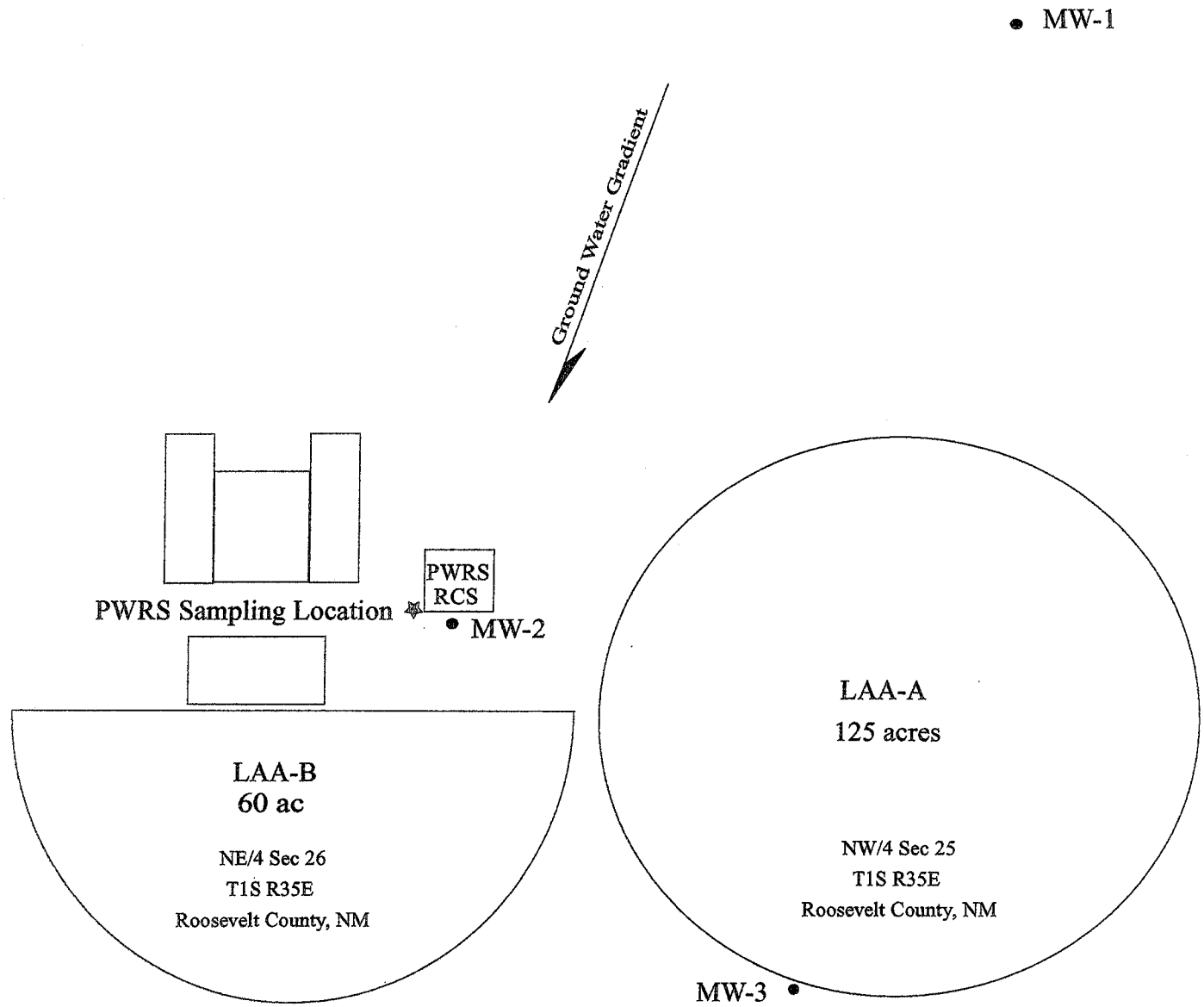

GROUND WATER

JUL 2 8 2009

BUREAU

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

Title: Sandcrest Dairy Site Plan		DP-1423
Date: 11/29/2007	DWG/Doc Ref	Sheet No 1/1

1423

1423

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 28 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: 07/03/09 @ 0 °C
Reporting Date: 07/18/09
Project Number: DP-1423
Project Name: SAND CREST DAIRY
Project Location: PORTALES, NM

Sampling Date: 07/02/09 @ 14:00
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:		07/07/09	07/16/09	07/14/09	07/16/09
Time Analysis Batch Started:		12:00	9:45	8:40	11:10
AN14813-1	MW 1	335	10	0.4	0.18
AN14813-2	MW 2	405	30	0.3	8.2
AN14813-3	MW 3	280	15	< 0.2 *	4.1
AN14813-4	PWRS	950	50	20	0.93
Date Analysis Batch Finished:		07/09/09	07/16/09	07/14/09	07/16/09
Time Analysis Batch Finished:		13:00	14:00	17:10	18:15
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	5.17	0.9762
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	103	98
HI - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	103	92	95
Relative Percent Difference		1	0	2	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.

07/18/09

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

Receiving Date: 03/11/09 @ 0 °C
Reporting Date: 04/18/09
Project Number: DP-1423
Project Name: SAND CREST DAIRY
Project Location: PORTALES, NM

Sampling Date: 03/10/09 @ 12:30
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:		03/12/09	04/06/09	03/24/09	03/19/09
Time Analysis Batch Started:		10:00	16:45	9:00	11:00
AN14347-1	MW 2	400	42	0.3	10.5
AN14347-2	MW 3	295	17	< 0.2 *	4.1
AN14347-3	PWRS	1,130	80	45	1.0
Date Analysis Batch Finished:		03/13/09	04/06/09	03/24/09	03/19/09
Time Analysis Batch Finished:		14:30	17:20	17:00	18:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	5.36	0.4630
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		99	100	107	93
% Extraction Accuracy		N/A	100	100	100
Relative Percent Difference		0	0	8	9
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.

04-18-09
Date

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1423

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 07 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: 03/22/08 @ 1°C
Reporting Date: 04/09/08
Project Number: DP-1423
Project Name: SAND CREST DAIRY
Project Location: PORTALES, NM

Sampling Date: 03/21/08 @ 9:10
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:		03/25/08	04/01/08	04/03/08	04/08/08
Time Analysis Batch Started:		12:00	9:30	11:00	9:00
AM12852-1	MW 2	380	35	< 0.2 *	9.1
AM12852-2	MW 3	290	10	< 0.2 *	1.3
AM12852-3	PWRS	1,070	50	60	0.46
Date Analysis Batch Finished:		03/26/08	04/01/08	04/04/08	03/26/08
Time Analysis Batch Finished:		17:05	12:50	17:30	15:00
Blank		< 1	< 1	< 0.2	< 001
Quality Control		994	51	5.54	1.0224
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	102	111	102
% Extraction Accuracy		N/A	98	88	95
Relative Percent Difference		0	1	1	2

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.

04-09-08

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: 07/08/08 @ 6 °C
Reporting Date: 07/25/08
Project Number: DP-1423
Project Name: SAND CREST DAIRY
Project Location: PORTALES, NM

Sampling Date: 07/07/08 @ 15:00
Sample Type: WELL H_2O, WASTE H_2O
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:		07/10/08	07/14/08	07/21/08	07/17/08
Time Analysis Batch Started:		14:45	11:40	11:15	8:45
AM13298-1	MW 2	400	40	< 0.2 *	9.9
AM13298-2	MW 3	160	15	< 0.2 *	2.5
AM13298-3	PWRS	480	25	95	0.10
Date Analysis Batch Finished:		07/11/08	07/14/08	07/22/08	07/17/08
Time Analysis Batch Finished:		15:30	17:15	10:40	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.04	0.5430
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		100	100	101	107
% Extraction Accuracy		N/A	100	97	96
Relative Percent Difference		1	0	2	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.

07-25-08
Date

1923

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: 07/04/06
Reporting Date: 07/11/06
Project Number: DP-1423
Project Name: SAND CREST DAIRY
Project Location: PORTALES, NM

Sampling Date: 07/03/06
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:		07/05/06	07/06/06	07/11/06	07/06/06
Time Analysis Batch Started:		13:30	12:30	14:15	10:40
AK10671-1	MW 2	325	60	1.1	3.8
AK10671-2	MW 3	260	50	1.3	0.56
AK10671-3	PWRS	1,120	270	195	0.05
Date Analysis Batch Finished:		07/06/06	07/06/06	07/12/06	07/06/06
Time Analysis Batch Finished:		10:15	15:41	15:50	16:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	49	5.26	0.5017
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		98	98	97	100
% Extraction Accuracy		N/A	104	112	109
Relative Percent Difference		1	2	1	2
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.

7-12-06
Date

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: 03/31/07
Reporting Date: 04/16/07
Project Number: DP-1423
Project Name: SAND CREST DAIRY
Project Location: PORTALES, NM

Sampling Date: 03/29/07
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:		04/03/07	04/12/07	04/11/07	04/12/07
Time Analysis Batch Started:		13:20	11:00	8:40	10:00
AL11642-1	MW 2	330	35	< 0.2 *	7.0
AL11642-2	MW 3	260	15	< 0.2 *	1.3
AL11642-3	PWRS	600	30	10	0.05
Date Analysis Batch Finished:		04/05/07	04/12/07	04/12/07	04/12/07
Time Analysis Batch Finished:		11:55	14:18	15:15	16:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	5.00	0.3073
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		100	100	100	102
% Extraction Accuracy		N/A	95	95	96
Relative Percent Difference		4	0	7	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.

04/16/07

Date