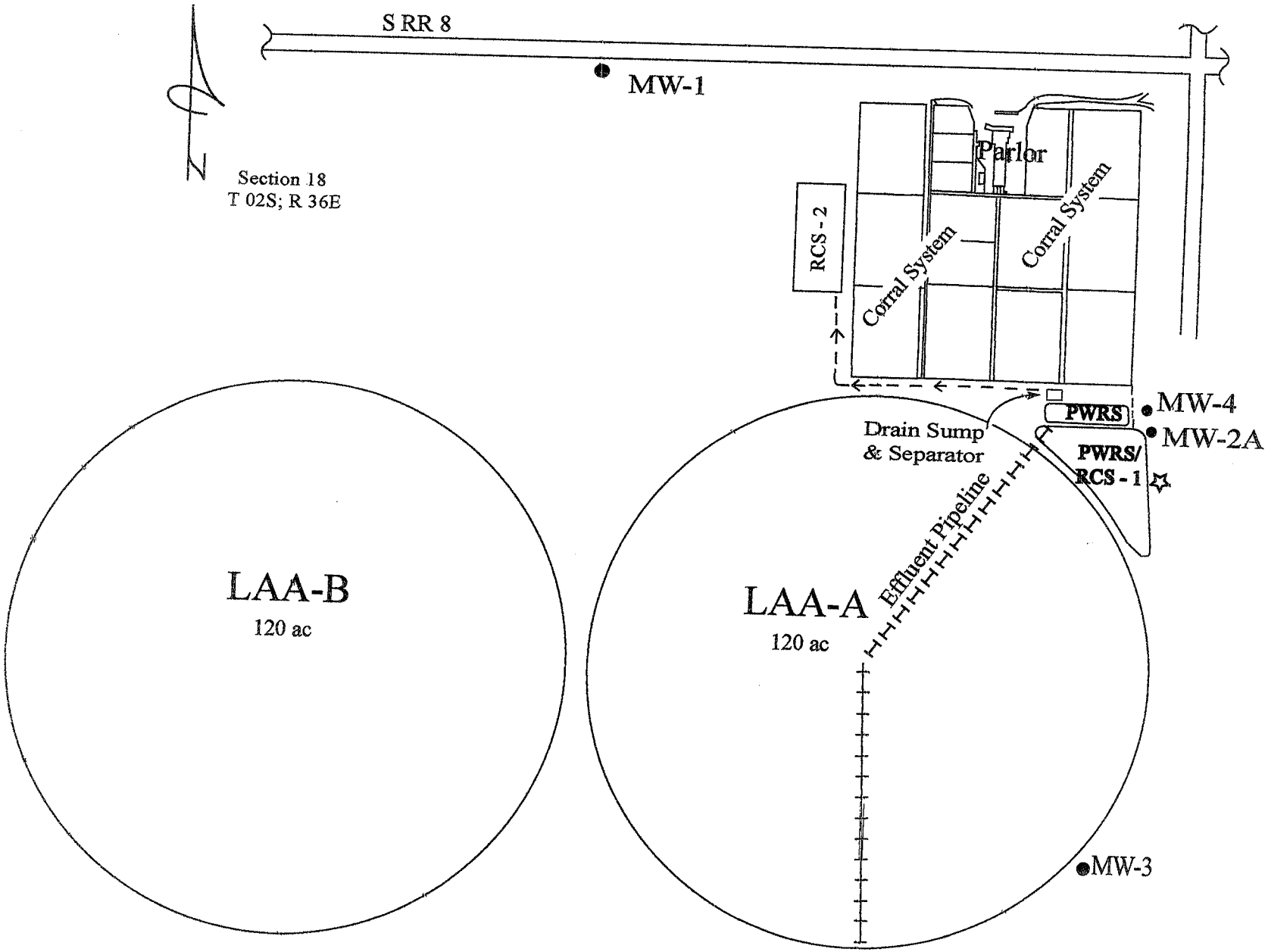

Enviro Compliance Services, Inc.

Office: (505) 762-9674 Fax: (505) 762-3749

Providing Management Assistance for Environmental Compliance Since 1981

☆ = PWRS Sampling Location

GROUND WATER

DEC 0 2 2009

BUREAU

Title: High Plains Dairy Site Map		DP-1157
Date: 10/15/2008	DWG/Doc Ref	Sheet No 1/1

1157

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: 09/09/09 @ 2 °C
Reporting Date: 09/15/09
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 08/31/09 @ 8:15
Sample Type: GROUNDWATER
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	09/08/09	09/02/09
Time Analysis Batch Started:		9:00	9:45	8:30	10:15
AN15070-1	MW 1	690	20	< 0.2 *	3.2
AN15070-2	MW 2A	830	40	< 0.2 *	17.0
AN15070-3	MW 3	550	25	< 0.2 *	6.8
AN15070-4	MW 4	665	30	< 0.2 *	1.2
AN15070-5	PWRS	1,420	150	20	0.48
Date Analysis Batch Finished:		09/04/09	09/10/09	09/08/09	09/02/09
Time Analysis Batch Finished:		15:00	12:45	16:45	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.20	1.0734
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	104	107
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	98	99	104
Relative Percent Difference		1	0	7	2
EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

* Less than the LOQ (Limit Of Quantitation).
This report meets NELAC Certificate # T104704437-08-TX

Mario Rodriguez, Director.

09/15/09
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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/03/09 @ 0 °C
Reporting Date: 07/18/09
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 07/02/09 @ 8:30
Sample Type: GROUNDWATER
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
AN14810-1	MW 1	620	10	< 0.2 *	2.1
AN14810-2	MW 2A	830	40	0.3	13.4
AN14810-3	MW 3	535	25	0.6	10.1
AN14810-4	MW 4	625	30	0.3	4.6
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
EPA 600/4-79-020,		SM2540 C	SM4500B-Cl^-	351.4	353.3

* Less than the LOQ (Limit Of Quantitation).
This report meets NELAC Certificate # T104704437-08-TX

Mario Rodriguez

Mario Rodriguez, Director.

07/18/09
Date

1157

Advanced Analysis, Inc.

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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: 03/11/09 @ 0 °C
Reporting Date: 04/18/09
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 03/10/09 @ 8:15
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
AN14345-1	MW 1	655	25	< 0.2 *	3.1
AN14345-2	MW 2A	790	50	0.2	19.6
AN14345-3	MW 3	560	30	0.2	10.7
AN14345-4	MW 4	600	30	0.6	5.5
AN14345-5	PWRS	1,330	130	35	2.9
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
EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez
Mario Rodriguez, Director.

04-18-09
Date

cell 1 clay
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Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
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GROUND WATER

FEB 23 2009

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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: 01/23/09 @ 1 °C
Reporting Date: 02/05/09
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 01/20/09 @ 8:15
Sample Type: GROUNDWATER
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:		01/26/09	01/27/09	02/03/09	01/28/09
Time Analysis Batch Started:		10:00	10:40	8:40	13:30
AN14147-1	MW 1	595	20	0.3	2.6
AN14147-2	MW 2A	800	40	0.4	12.8
AN14147-3	MW 3	560	30	0.5	7.4
AN14147-4	MW 4	600	30	0.3	5.0
Date Analysis Batch Finished:		01/27/09	01/27/09	02/03/09	01/28/09
Time Analysis Batch Finished:		14:00	12:30	17:00	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		990	50	4.84	1.0381
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	97	104
% Extraction Accuracy		N/A	101	101	98
Relative Percent Difference		1	0	1	3
EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez, Director

02-05-09
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: 08/22/08 @ 2 °C
Reporting Date: 09/02/08
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 08/21/08 @ 9:45
Sample Type: WASTE H_2O, WELL 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	08/21/08
Time Analysis Batch Started:		12:10	15:30	11:00	10:55
AM13505-1	MW 1	625	20	1.3	0.17
AM13505-2	MW 2A	940	50	< 0.2 *	6.2
AM13505-3	MW 3	625	20	< 0.2 *	6.7
AM13505-4	MW 4	685	35	< 0.2 *	4.4
AM13505-5	PWRS	3,400	395	100	0.05
Date Analysis Batch Finished:		08/27/08	08/25/08	08/26/08	08/21/08
Time Analysis Batch Finished:		9:00	17:20	12:30	11:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	5.15	1.0446
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	103	104
% Extraction Accuracy		N/A	99	97	109
Relative Percent Difference		0	0	9	6
EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

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

Mario Rodriguez

Mario Rodriguez, Director.

09-02-08
Date

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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: 04/04/08 @ 1°C
Reporting Date: 04/21/08
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 04/02/08 @ 12:30
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:		04/08/08	04/08/08	04/15/08	04/11/08
Time Analysis Batch Started:		11:00	12:30	10:20	10:00
AM12910-1	MW 2A	840	45	0.5	16.1
AM12910-2	MW 3	555	30	< 0.2 *	6.4
AM12910-3	MW 4	585	30	0.2	4.8
AM12910-4	PWRS	2,930	230	250	0.07
Date Analysis Batch Finished:		04/09/08	04/08/08	04/17/08	04/11/08
Time Analysis Batch Finished:		9:30	15:10	14:45	16:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	5.46	0.9498
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	109	95
% Extraction Accuracy		N/A	100	111	92
Relative Percent Difference		0	3	5	5
EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez
Mario Rodriguez, Director.

04-21-08
Date

1157

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: 12/30/06
Reporting Date: 01/17/07
Project Number: DP-1157
Project Name: HIGH PLAINS DAIRY, LLC
Project Location: PORTALES, NM

Sampling Date: 12/28/06
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:		01/02/07	01/08/07	01/15/07	01/10/07
Time Analysis Batch Started:		10:45	10:10	9:15	10:30
AK11318-1	MW 1	620	20	< 0.2 *	1.3
AK11318-2	MW 2-A	745	40	< 0.2 *	6.2
AK11318-3	MW 3	560	20	< 0.2 *	6.2
AK11318-4	MW 4	725	40	< 0.2 *	5.0
AK11318-5	PWRS	3,040	230	330	0.2
Date Analysis Batch Finished:		01/03/07	01/08/07	01/16/07	01/10/07
Time Analysis Batch Finished:		17:00	17:25	15:30	16:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1012	50	4.48	0.4854
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		101	100	90	97
% Extraction Accuracy		N/A	94	101	105
Relative Percent Difference		2	3	7	3
EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

01-17-07
Date