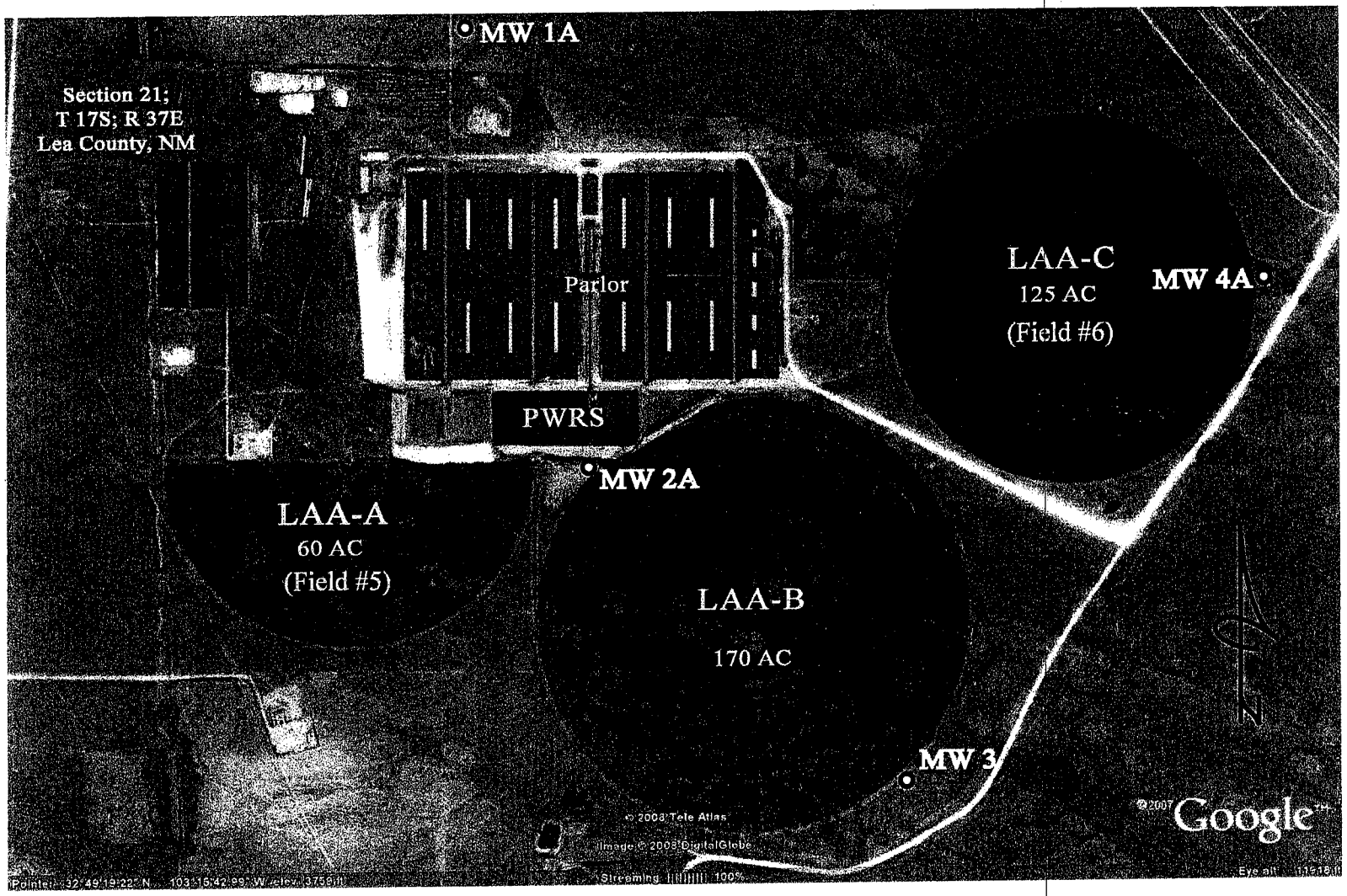

Enviro Compliance Services, Inc.
Office: (505) 762-9674 Fax: (505) 762-3749
Providing Management Assistance for Environmental Compliance Since 1981

Title:	Goff Dairy Site Map	DP-1168	
Date:	11/10/2008	DWG/Doc Ref	Sheet No

DP - 1168

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: 08/04/09 @ 4 °C
Reporting Date: 08/18/09
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 08/03/09 @ 14:30
Sample Type: WASTE H_2O, 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:		08/06/09	08/13/09	08/13/09	08/04/09
Time Analysis Batch Started:		9:00	11:40	10:00	12:00
AN14952-1	MW - 1A	440	45	< 0.2 *	6.0
AN14952-2	MW - 2A	390	25	< 0.2 *	2.4
AN14952-3	MW - 4A	360	20	< 0.2 *	2.2
AN14952-4	PWRS	4,700	500	205	0.21
Date Analysis Batch Finished:		08/08/09	08/13/09	08/14/09	08/04/09
Time Analysis Batch Finished:		13:50	13:40	17:45	17:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	5.21	0.5315
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		98	100	104	106
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	97	94
Relative Percent Difference		5	0	10	14
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

~~highest NO_3-N~~

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

Mario Rodriguez
Mario Rodriguez, Director.

08-18-09
Date

upgradient well

DP-1168

Advanced Analysis, Inc.

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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: 05/08/09 @ 2 °C
Reporting Date: 05/20/09
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 05/06/09 @ 14300
Sample Type: WASTE H_2O, WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
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:		05/11/09	05/12/09	05/12/09	05/18/09
Time Analysis Batch Started:		10:50	10:40	8:40	10:30
AN14573-1	MW - 1A	365	25	< 0.2 *	5.6
AN14573-2	MW - 2A	405	40	< 0.2 *	2.0
AN14573-3	MW - 4A	330	20	< 0.2 *	2.1
AN14573-4	PWRS	4,600	460	335	0.15
Date Analysis Batch Finished:		05/12/09	05/12/09	05/12/09	05/18/09
Time Analysis Batch Finished:		12:30	11:50	17:10	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	50	5.34	0.5044
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		99	100	108	101
Hi - Low %		85 - 115	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	101	89	98
Relative Percent Difference		1	0	2	9
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

highest TKN

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

Mario Rodriguez, Director

05/20/09
Date

DP-1168

Advanced Analysis, Inc.

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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: 01/09/09 @ 1 °C
Reporting Date: 01/22/09
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 01/07/09 @ 9:30
Sample Type: WASTE H_2O, WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
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:		01/12/09	01/15/09	01/15/09	01/21/09
Time Analysis Batch Started:		11:00	15:15	8:50	10:30
AN14076-1	MW - 1A	370	35	0.3	5.9
AN14076-2	MW - 2A	360	30	< 0.2 *	2.3
AN14076-3	MW - 4A	320	25	< 0.2 *	2.1
AN14076-4	PWRS	3,420	410	275	0.08
Date Analysis Batch Finished:		01/13/09	01/15/09	01/15/09	01/21/09
Time Analysis Batch Finished:		16:05	17:20	16:00	17:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	4.95	0.9747
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	99	97
% Extraction Accuracy		N/A	99	89	104
Relative Percent Difference		1	0	3	12
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

01-22-09
Date

DP-1168

Advanced Analysis, Inc.

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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: 12/02/08 @ 0 °C
Reporting Date: 12/17/08
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 11/28/08 @ 13:00
Sample Type: GROUNDWATER
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:		12/02/08	12/09/08	12/04/08	12/08/08
Time Analysis Batch Started:		10:05	11:20	9:00	13:30
AM13940-1	MW 4A	335	195	< 0.2 *	2.2
Date Analysis Batch Finished:		12/04/08	12/09/08	12/04/08	12/08/08
Time Analysis Batch Finished:		9:00	14:20	15:40	15:55
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	4.97	1.1087
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	99	110
% Extraction Accuracy		N/A	101	91	100
Relative Percent Difference		0	0	2	2
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl^-	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

12/17/08
Date

✓

DP-1168

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: 10/25/08 @ 1 °C
Reporting Date: 11/03/08
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 10/24/08 @ 14:35
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:		10/29/08	10/28/08	10/30/08	11/03/08
Time Analysis Batch Started:		16:05	10:00	8:40	11:00
AM13812-1	MW 1 A	395	35	< 0.2 *	4.0
AM13812-2	MW 2 A	375	30	< 0.2 *	1.3
AM13812-3	PWRS	3,640	540	70	0.1
Date Analysis Batch Finished:		10/31/08	10/28/08	10/31/08	11/03/08
Time Analysis Batch Finished:		15:20	14:00	11:30	15:15
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		998	50	5.23	1.0642
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	105	106
% Extraction Accuracy		N/A	101	94	93
Relative Percent Difference		2	0	3	1
METHODS: EPA 600/4-79-020,		160.1	SM4500B-Cl⁻	351.4	353.3

lowest TKN

Mario Rodriguez, Director

11-06-08
Date

DP-1168

Advanced Analysis, Inc.

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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: 02/23/08
Reporting Date: 03/07/08
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 02/22/08
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: RG
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:		02/26/08	03/03/08	03/04/08	03/04/08
Time Analysis Batch Started:		15:10	10:50	11:30	11:00
AM12741-1	MW 1 A	415	35	< 0.2 *	5.7
AM12741-2	MW 2 A	380	25	< 0.2 *	2.4
AM12741-3	PWRS	3,900	340	295	0.12
Date Analysis Batch Finished:		02/27/08	03/03/08	03/05/08	03/04/08
Time Analysis Batch Finished:		17:00	12:20	17:45	17:10
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1016	47	4.96	1.0196
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		102	94	99	102
% Extraction Accuracy		N/A	105	98	99
Relative Percent Difference		1	0	3	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

highest TKN

Mario Rodriguez
Mario Rodriguez, Director.

03-07-08
Date

Advanced Analysis, Inc.

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ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 05/19/08 @ 1 °C
Reporting Date: 05/30/08
Project Number: DP-1168
Project Name: GOFF DAIRY
Project Location: HOBBS, NM

Sampling Date: 05/16/08 @ 12:30
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:		05/22/08	05/27/08	05/27/08	05/29/08
Time Analysis Batch Started:		13:00	10:55	9:00	8:50
AM13085-1	MW 1 A	385	35	< 0.2 *	3.9
AM13085-2	MW 2 A	390	40	< 0.2 *	3.0
AM13085-3	PWRS	3,320	370	280	0.37
Date Analysis Batch Finished:		05/23/08	05/27/08	05/27/08	05/29/08
Time Analysis Batch Finished:		11:48	16:00	18:00	16:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	51	4.80	0.9867
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	102	96	99
% Extraction Accuracy		N/A	96	89	106
Relative Percent Difference		1	0	3	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

DP-1168

MW-2A
↳ Highest NO_3-N Reported in Ground Water
↳ Source: Three Clay-lined Lagoons in Series

MW-1A
↳ Upgradient MW

Mario Rodriguez, Director.

05-30-08
Date