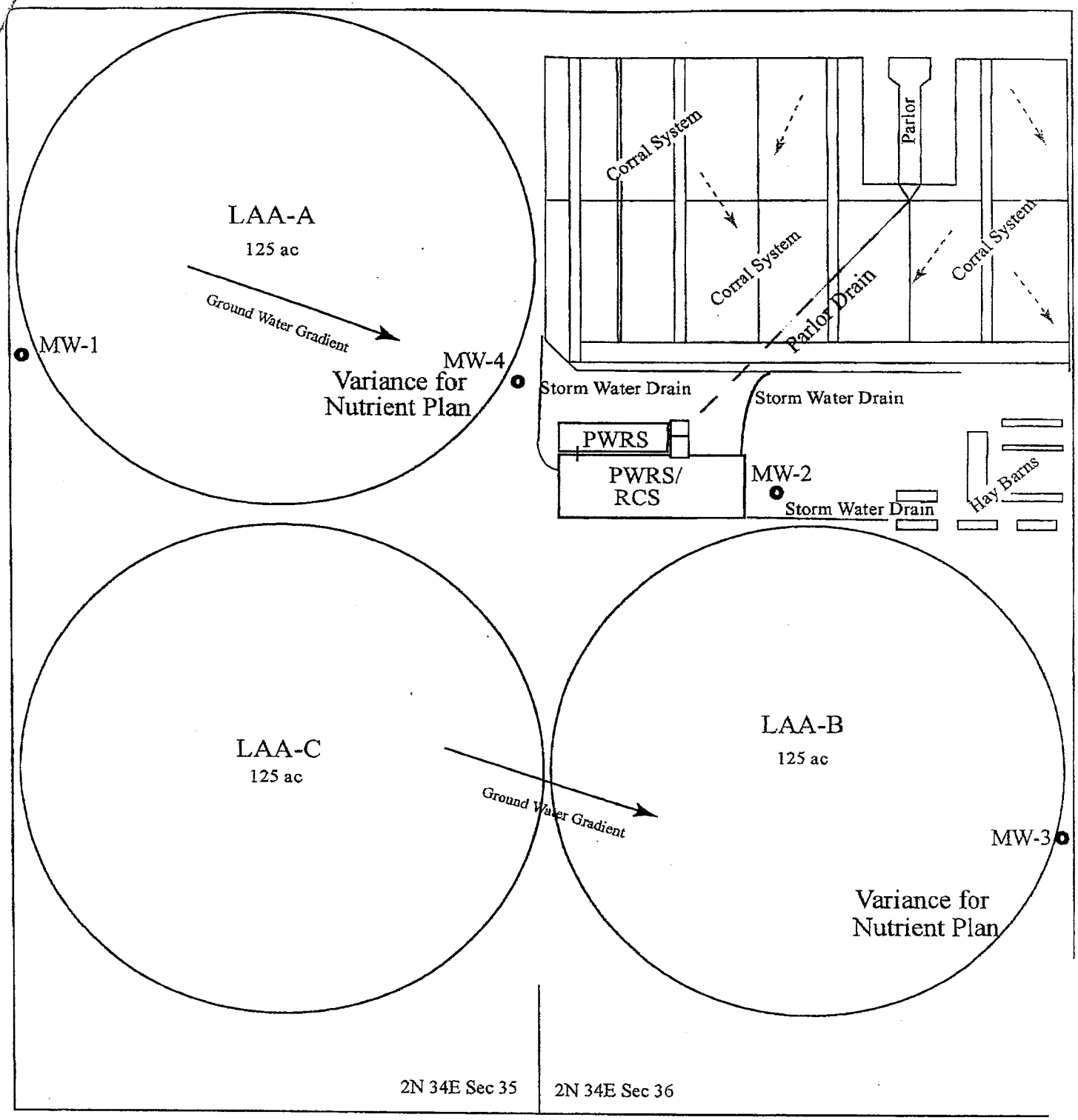
DP-1553



Monitor Well Proposal September 2008

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

Title: Arrowhead Dairy Overall Site Layout		
Date: 09/12/2008	DWG/Doc Ref Not to Scale	Sheet No 1

DP-1553

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 WATE

SEP 03 2009

BUREAU

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: 07/29/09 @ 0 °C
Reporting Date: 08/18/09
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 07/28/09 @ 10:00
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:		07/29/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Started:		15:50	10:00	8:45	15:30
AN14924-1	MW 1	530.0	85	< 0.2 *	2.20
AN14924-2	MW 2	540.0	90	< 0.2 *	2.2
AN14924-3	MW 3	470.0	80	2.2	2.1
AN14924-4	MW 4	600.0	110	1.0	4.9
AN14924-5	PWRS	1,460.0	200	90	1.3
Date Analysis Batch Finished:		07/30/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Finished:		12:50	13:30	17:05	18:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	50	5.04	0.9420
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	101	94
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	91	110
Relative Percent Difference		2	0	3	2
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.

08-18-09
Date

DP-1553

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: 03/05/09 @ 0 °C
Reporting Date: 03/26/09
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 03/04/09 @ 12:20
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:		04/09/09	03/13/09	03/10/09	03/17/09
Time Analysis Batch Started:		10:50	15:50	8:30	9:00
AN14317-1	MW 1 INITIAL	640	120	0.3	2.5
AN14317-2	MW 2 INITIAL	620	105	< 0.2 *	2.4
AN14317-3	MW 3 INITIAL	610	95	0.2	3.0
AN14317-4	MW 4 INITIAL	610	115	< 0.2 *	2.4
Date Analysis Batch Finished:		03/10/09	03/13/09	03/10/09	03/17/09
Time Analysis Batch Finished:		13:05	17:15	16:35	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		988	50	4.89	1.1026
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	98	110
% Extraction Accuracy		N/A	100	90	107
Relative Percent Difference		3	0	1	5
METHODS:EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez

Mario Rodriguez, Director

03/26/09
Date

DP-1553

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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: 10/21/08 @ 1 °C
Reporting Date: 11/03/08
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 10/17/08 @ 10:45
Sample Type: 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:		10/23/08	10/23/08	10/23/08	10/23/08
Time Analysis Batch Started:		9:45	16:15	9:00	15:30
AM13782-1	PWRS	2,760	390	170	0.52
Date Analysis Batch Finished:		10/24/08	10/23/08	10/24/08	10/23/08
Time Analysis Batch Finished:		16:30	17:25	10:30	15:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		972	50	4.96	0.9785
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		97	100	99	98
% Extraction Accuracy		N/A	98	97	101
Relative Percent Difference		1	0	1	7
METHODS:EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

Mario Rodriguez

Mario Rodriguez, Director.

11-03-08

Date

DP-1553

Advanced Analysis, Inc.

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

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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: 05/10/08 @ 1 °C
Reporting Date: 05/26/08
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 05/10/08 @ 11:00
Sample Type: 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:		05/13/08	05/13/08	05/20/08	05/19/08
Time Analysis Batch Started:		8:40	11:45	12:05	10:30
AM13050-1	PWRS	2,400	330	180	0.05
Date Analysis Batch Finished:		05/14/08	05/13/08	05/21/08	05/19/08
Time Analysis Batch Finished:		8:50	16:10	16:40	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		960	50	5.67	1.0084
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		96	100	113	101
% Extraction Accuracy		N/A	105	93	97
Relative Percent Difference		3	0	1	3
METHODS:EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

Mario Rodriguez

Mario Rodriguez, Director.

05/26/08

Date

DP-1553

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SEP 0 3 2009

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ENVIROCOMPLIANCE SERVICES, INC
ATTN.: CHET WYANT
564 SR 523
CLOVIS, NM 88101
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/29/09 @ 0 °C
Reporting Date: 08/18/09
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 07/28/09 @ 10:00
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:		07/29/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Started:		15:50	10:00	8:45	15:30
AN14924-1	MW 1	530.0	85	< 0.2 *	2.20
AN14924-2	MW 2	540.0	90	< 0.2 *	2.2
AN14924-3	MW 3	470.0	80	2.2	2.1
AN14924-4	MW 4	600.0	110	1.0	4.9
AN14924-5	PWRS	1,460.0	200	90	1.3
Date Analysis Batch Finished:		07/30/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Finished:		12:50	13:30	17:05	18:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	50	5.04	0.9420
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	101	94
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	91	110
Relative Percent Difference		2	0	3	2
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.

08-18-09
Date

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GROUND WATER

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

Receiving Date: 02/20/08
Reporting Date: 03/07/08
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 02/19/08
Sample Type: WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: RG, 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:		02/25/08	03/03/08	02/27/08	03/03/08
Time Analysis Batch Started:		14:00	10:50	14:00	15:00
AM12728-1	PWRS	3,100	330	230	0.08
Date Analysis Batch Finished:		02/26/08	03/03/08	02/28/08	03/03/08
Time Analysis Batch Finished:		10:20	12:20	12:08	17:15
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		970	47	4.89	0.3028
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		97	94	98	101
% Extraction Accuracy		N/A	105	88	99
Relative Percent Difference		1	0	10	3
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.

03-07-08
Date

DP-1553

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Reporting Date: 08/18/09
Project Number: DP-1553
Project Name: ARROW HEAD DAIRY
Project Location: CLOVIS, NM

Sampling Date: 07/28/09 @ 10:00
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:		07/29/09	07/30/09	07/30/09	07/31/09
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AN14924-3	MW 3	470.0	80	2.2	2.1
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AN14924-5	PWRS	1,460.0	200	90	1.3
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Time Analysis Batch Finished:		12:50	13:30	17:05	18:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	50	5.04	0.9420
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	101	94
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	91	110
Relative Percent Difference		2	0	3	2
METHODS:EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

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This report meets NELAC T104704437-08A-TX.

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