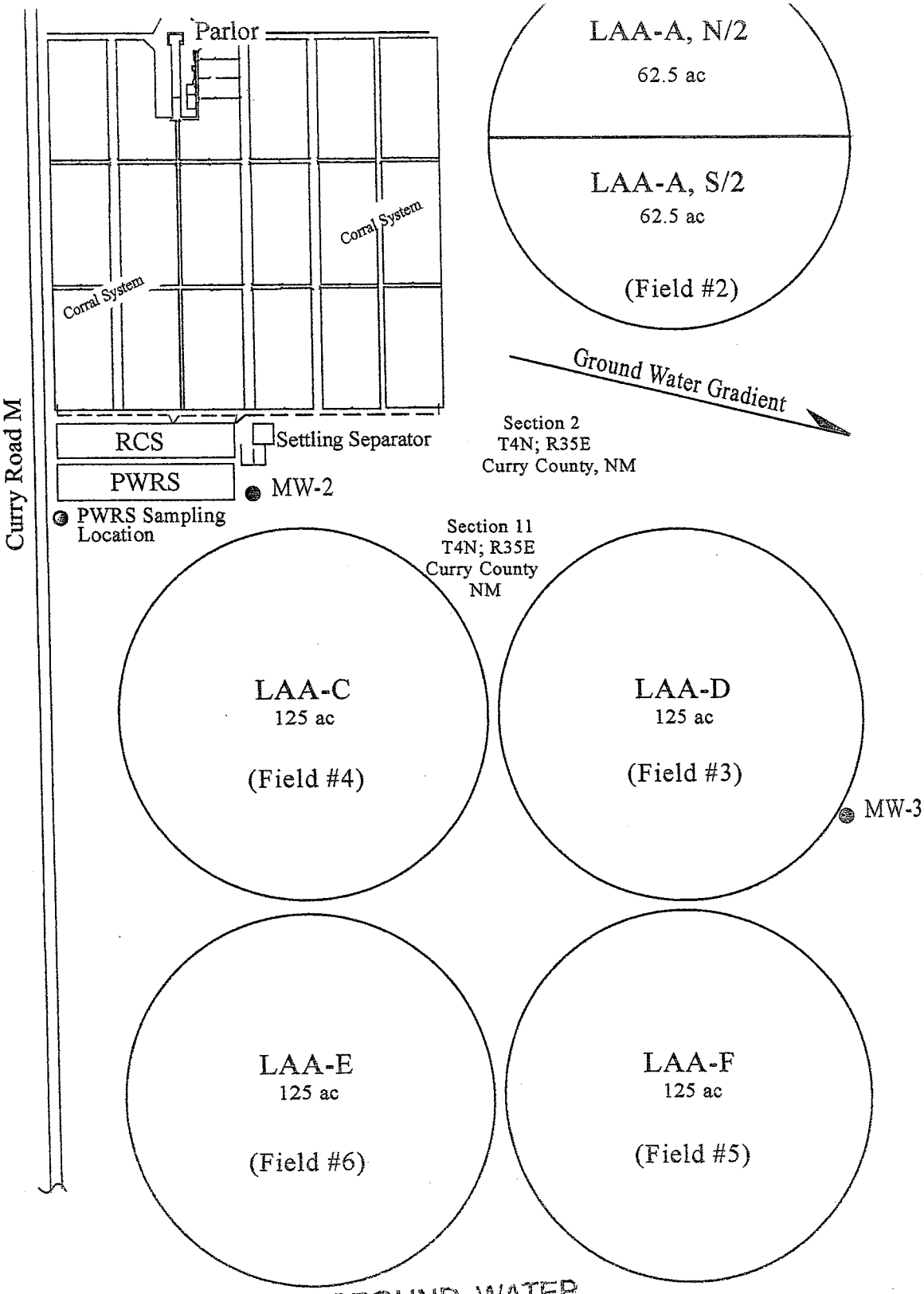

GROUND WATER

SEP 0 2 2009

BUREAU

Enviro Compliance Services, Inc.
Office: (575) 762-9674 Fax: (575) 762-3749
Providing Management Assistance for Environmental Compliance Since 1981

Title: Dutch Valley Farms Site Map		DP-1475
Date: 1/30/2009	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-1475

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

SEP 0 2 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: 07/31/09 @ 0 °C
Reporting Date: 08/18/09
Project Number: DP-1475
Project Name: DUTCH VALLEY FARMS
Project Location: CLOVIS, NM

Sampling Date: 07/30/09 @ 7:10
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:		08/06/09	08/13/09	08/13/09	08/04/09
Time Analysis Batch Started:		9:00	11:40	8:45	12:00
AN14942-1	MW 1	325	25	< 0.2 *	3.3
AN14942-2	MW 2	340	35	< 0.2 *	3.3
AN14942-3	MW 3	325	10	< 0.2 *	1.6
AN14942-4	PWRS	140	65	80	2.5
Date Analysis Batch Finished:		08/08/09	08/13/09	08/13/09	08/04/09
Time Analysis Batch Finished:		13:50	13:40	16:15	17:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	5.28	0.5315
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		98	100	106	106
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	107	94
Relative Percent Difference		5	0	4	14
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

highest NO_3-N
lowest TKN

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

Mario Rodriguez
Mario Rodriguez, Director

08-18-09
Date

MW1 upgradient of facility
MW2 dg of syn-lined lagoon

PP-1475

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

Receiving Date: 03/05/09 @ 0 °C
Reporting Date: 03/26/09
Project Number: DP-1475
Project Name: DUTCH VALLEY FARMS
Project Location: CLOVIS, NM

Sampling Date: 03/03/09 @ 15:05
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:		03/09/09	03/19/09	03/10/09	03/17/09
Time Analysis Batch Started:		10:50	16:00	8:30	9:00
AN14318-1	MW 1 INITIAL	250	20	< 0.2 *	2.0
AN14318-2	MW 2 INITIAL	300	35	< 0.2 *	2.2
Date Analysis Batch Finished:		03/10/09	03/19/09	03/10/09	03/17/09
Time Analysis Batch Finished:		13:05	17:25	16:35	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		988	50	4.90	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 Minimum Detection Limit.
This report meets NELAC T104704437-08A-TX

Mario Rodriguez

Mario Rodriguez, Director

03/26/09

Date

DP-1475

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

Receiving Date: 03/06/09 @ 4 °C
Reporting Date: 03/26/09
Project Number: DP-1475
Project Name: DUTCH VALLEY FARMS
Project Location: CLOVIS, NM

Sampling Date: 03/05/09 @ 13:45
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:		03/10/09	03/25/09	03/12/09	03/17/09
Time Analysis Batch Started:		10:15	16:50	8:50	9:00
AN14326-1	MW 3 INITIAL	295	12	< 0.2 *	1.7
Date Analysis Batch Finished:		03/13/09	03/25/09	03/12/09	03/17/09
Time Analysis Batch Finished:		17:10	17:30	16:00	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.10	1.1026
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	102	110
% Extraction Accuracy		N/A	99	87	107
Relative Percent Difference		0	0	0	5
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez
Mario Rodriguez, Director

3-27-09
Date

DP-1475

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

Receiving Date: 05/13/09 @ 0 °C
Reporting Date: 05/20/09
Project Number: DP-1475
Project Name: DUTCH VALLEY FARMS
Project Location: CLOVIS, NM

Sampling Date: 05/11/09 @ 13:30
Sample Type: WASTEWATER
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:		05/14/09	05/18/09	05/14/09	05/18/09
Time Analysis Batch Started:		10:00	11:15	9:00	10:30
AN14593-1	PWRS	3,235	200	450	1.9
Date Analysis Batch Finished:		05/15/09	05/18/09	05/14/09	05/18/09
Time Analysis Batch Finished:		16:10	12:30	17:15	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		992	50	5.02	0.5044
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		99	100	100	101
Hi - Low Limits %		85 - 115	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	89	98
Relative Percent Difference		0	0	2	9
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

highest TKN

This report meets NELAC T104704437-08A-TX

05/20/09

Mario Rodriguez, Director

Date

DP-1475

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

MAR 26 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: 02/14/09 @ 0 °C
Reporting Date: 02/26/09
Project Number: DP-1475
Project Name: DUTCH VALLEY FARMS
Project Location: CLOVIS, NM

Sampling Date: 02/12/09 @ 08:00
Sample Type: WASTEWATER
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:		02/16/09	02/20/09	02/19/09	02/25/09
Time Analysis Batch Started:		10:40	14:50	8:30	11:45
AN14235-1	PWRS	350	55	130	2.8
Date Analysis Batch Finished:		02/17/09	02/20/09	02/19/09	02/25/09
Time Analysis Batch Finished:		14:31	17:20	16:50	17:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		986	50	4.83	0.2466
True Value QC		1000	50	5.00	0.2500
% Instrument Accuracy		99	100	97	99
% Extraction Accuracy		N/A	99	92	90
Relative Percent Difference		3	0	1	6
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez, Director

02-26-09
Date

DP-1475

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 2 0 2009

BUREAU

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: 10/28/08 @ 1 °C
Reporting Date: 11/06/08
Project Number: DP-1475
Project Name: DUTCH VALLEY FARMS
Project Location: CLOVIS, NM

Sampling Date: 10/25/08 @ 15:00
Sample Type: WASTEWATER
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:		10/29/08	11/03/08	11/03/08	11/03/08
Time Analysis Batch Started:		16:05	11:05	10:30	11:00
AM13819-1	PWRS	1,510	125	105	0.05
Date Analysis Batch Finished:		10/31/08	11/03/08	11/03/08	11/03/08
Time Analysis Batch Finished:		15:20	12:15	17:25	15:15
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		998	50	5.11	1.0642
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	102	106
% Extraction Accuracy		N/A	102	96	93
Relative Percent Difference		2	0	2	1
METHODS: EPA 600/4-79-020,		160.1	SM4500B-Cl⁻	351.4	353.3

Mario Rodriguez

Mario Rodriguez, Director

11-06-08

Date