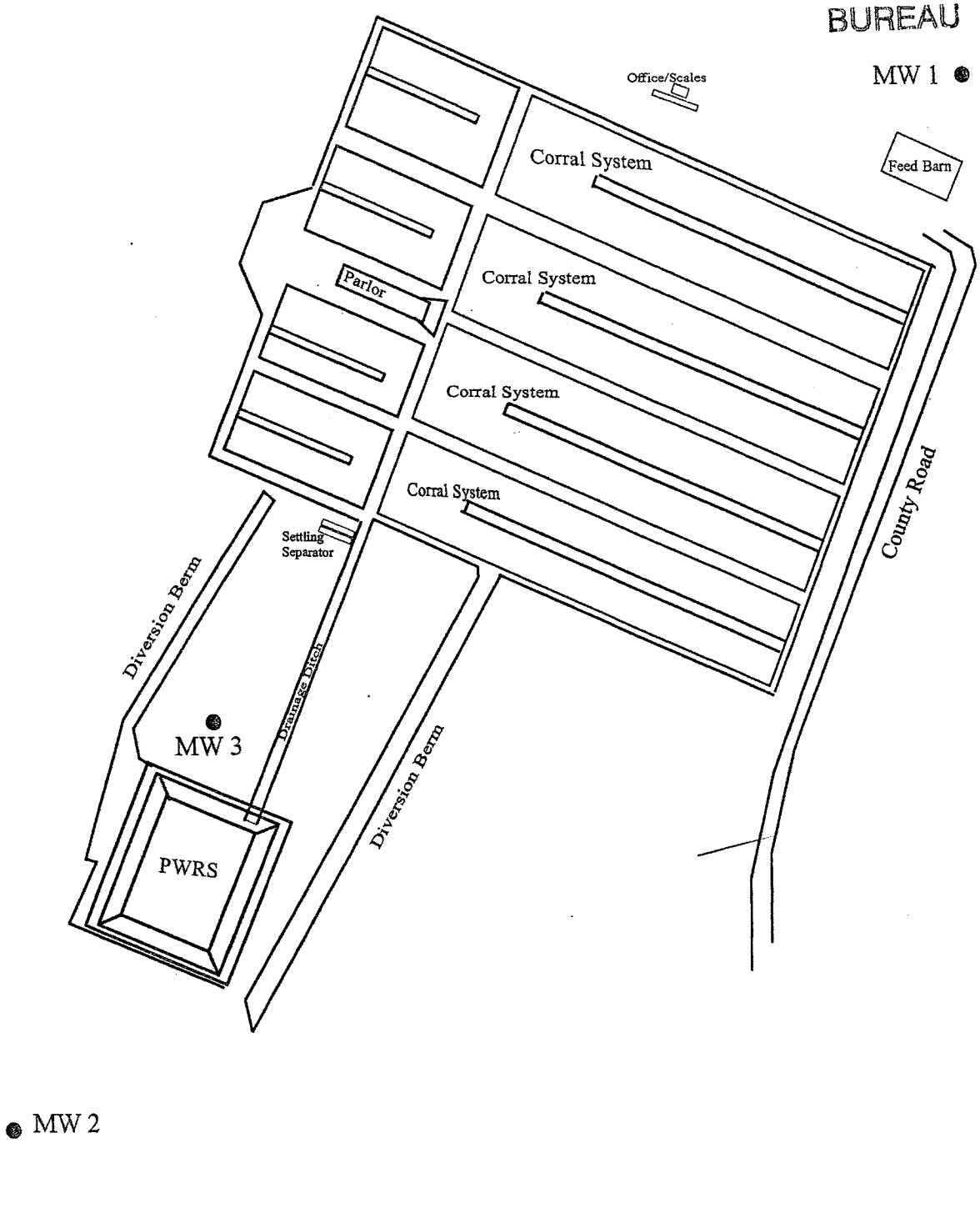
GROUND WATER 1477

BUREAU



Section 16, T3N, R03E

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

Title: HAW Farms Site Map		DP-1477
Date: 4/11/2006	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-1477

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 16 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: 07/28/09 @ 0 °C
Reporting Date: 08/18/09
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: 07/24/09 @ 15:45
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:		07/28/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Started:		13:45	10:00	8:45	15:30
AN14918-1	MW 1	720	25	< 0.2 *	25.1 ●
AN14918-2	MW 2	550	10	0.2	3.2
AN14918-3	MW 3	710	15	0.8	7.7 ●
Date Analysis Batch Finished:		07/29/09	07/30/09	07/30/09	07/31/09
Time Analysis Batch Finished:		12:35	13:30	17:05	18:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	50	5.04	0.9420
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	101	94
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	100	91	110
Relative Percent Difference		1	0	3	2
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

N.B.
highest NO_3-N MW-1
highest NO_3-N MW-3

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

Mario Rodriguez, Director

08-18-09
Date

MW-2 downgradient of Lagoon

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

JUN 1 6 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: 04/03/09 @ 0 °C
Reporting Date: 04/20/09
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: 03/31/09 @ 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:		04/06/09	04/11/09	04/14/09	04/13/09
Time Analysis Batch Started:		10:20	17:00	10:30	9:30
AN14435-1	MW 1	750	22	0.3	1.2
AN14435-2	MW 2	720	14	0.4	3.8
AN14435-3	MW 3	590	18	0.2	1.7
AN14435-4	[redacted]	10,320	1,165	265	0.14
Date Analysis Batch Finished:		04/08/09	04/11/09	04/15/09	04/13/09
Time Analysis Batch Finished:		17:25	21:00	17:20	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1026	50	5.12	1.0027
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		103	100	102	100
% Extraction Accuracy		N/A	101	90	90
Relative Percent Difference		1	0	3	0
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08-TX

Mario Rodriguez, Director

04/20/09
Date

DP-1477

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

FEB 18 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: 01/23/09 @ 1 °C
Reporting Date: 02/05/09
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: 01/22/09 @ 10:45
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

Reviewed & Entered 03/12/09 SR

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
AN14151-1	MW 1	695	25	0.6	0.16
AN14151-2	MW 2	660	15	< 0.2 *	3.6
AN14151-3	MW 3	530	15	< 0.2 *	1.9
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
METHODS: 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

GROUND WATER

DEC 15 2008

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: 10/04/08 @ 1 °C
Reporting Date: 10/20/08
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: ~~10/02/08 @ 9:10~~
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

Reviewed & Entered 03/26/09 JR

LAB NUMBER	SAMPLE ID	~~TDS~~ (mg/L)	~~Chlorides~~ (mg/L)	~~TKN~~ (mg/L)	~~NO_3-NO_2-N~~ (mg/L)
Date Analysis Batch Started:		10/06/08	10/13/08	10/13/08	10/13/08
Time Analysis Batch Started:		15:00	13:30	10:30	12:00
AM13718-1	~~MW 1~~	~~745~~	~~25~~	~~0.3~~	~~1.1~~
AM13718-2	~~MW 2~~	~~450~~	~~10~~	~~0.9~~	~~1.8~~
AM13718-3	~~MW 3~~	~~570~~	~~20~~	~~0.6~~	~~1.6~~
AM13718-4	~~PWR3~~	7,260	930	120	0.20
Date Analysis Batch Finished:		10/07/08	10/13/08	10/14/08	10/13/08
Time Analysis Batch Finished:		17:25	17:00	14:45	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		968	50	4.75	0.7544
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		97	100	95	101
% Extraction Accuracy		N/A	101	87	112
Relative Percent Difference		1	0	2	6
METHODS: EPA 600/4-79-020,		160.1	SM4500B-Cl⁻	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director

10-20-08
Date

DP-1477

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: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 04/24/08 @ 3 °C
Reporting Date: 05/26/08
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: ~~04/23/08 @ 10:55~~
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: SN, ED

reviewed + entered 03/24/09 JR

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		04/29/08	05/06/08	04/29/08	05/02/08
Time Analysis Batch Started:		15:15	9:00	9:00	14:00
AM12995-1	~~MW-1~~	~~710~~	~~25~~	~~< 0.2*~~	~~1.1~~
AM12995-2	~~MW-2~~	~~670~~	~~15~~	~~< 0.2*~~	~~3.5~~
AM12995-3	~~MW-3~~	~~540~~	~~10~~	~~< 0.2*~~	~~1.9~~
AM12995-4	~~PWRS~~	4,620	530	370	0.04
Date Analysis Batch Finished:		04/30/08	05/06/08	05/01/08	05/02/08
Time Analysis Batch Finished:		17:05	14:10	11:00]	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	5.25	0.9834
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	105	98
% Extraction Accuracy		N/A	98	99	104
Relative Percent Difference		0	1	5	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

05/26/08

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
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 11/02/07
Reporting Date: 11/08/07
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: ~~10/30/07~~
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: RG
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:		11/05/07	11/06/07	11/06/07	11/06/07
Time Analysis Batch Started:		10:50	13:00	8:35	11:00
AL12392-1	MW 1	700	25	< 0.2 *	1.3
AL12392-2	MW 2	665	20	< 0.2 *	4.0
AL12392-3	MW 3	540	20	< 0.2 *	1.8
AL12392-4	~~PWRO~~	4,400	650	460	0.22
Date Analysis Batch Finished:		11/06/07	11/06/07	11/07/07	11/06/07
Time Analysis Batch Finished:		10:10	16:00	11:00	16:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		984	50	5.16	0.3129
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		98	100	103	104
% Extraction Accuracy		N/A	102	97	105
Relative Percent Difference		1	0	4	0
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Reviewed & Entered 11/30/08 JK

N.B. highest TKN

Mario Rodriguez
Mario Rodriguez, Director

11-08-07
Date

DP-1477

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: JOHN WOELBER
P.O. BOX 909
BELEN, NM 87002
PHONE: (505) 861-0128
FAX: (505) 762-3749

Receiving Date: 04/12/07
Reporting Date: 04/25/07
Project Number: DP-1477
Project Name: HAW Farms
Project Location: BELEN, NM

Sampling Date: 04/10/07
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:		04/17/07	04/23/07	04/23/07	04/20/07
Time Analysis Batch Started:		14:50	11:45	8:45	9:15
AL11702-1	MW 1	710	30	< 0.2 *	1.2
AL11702-2	MW 2	680	15	< 0.2 *	4.0
AL11702-3	MW 3	510	15	< 0.2 *	1.8
AL11702-4	PWRS	3,800	370	395	0.03
Date Analysis Batch Finished:		04/18/07	04/23/07	04/24/07	04/20/07
Time Analysis Batch Finished:		11:45	17:15	13:50	11:55
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	5.04	1.0385
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	101	104
% Extraction Accuracy		N/A	99	97	104
Relative Percent Difference		1	2	4	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

N. B.
highest NO_3-N
MW-2

Mario Rodriguez
Mario Rodriguez, Director

4-26-07
Date