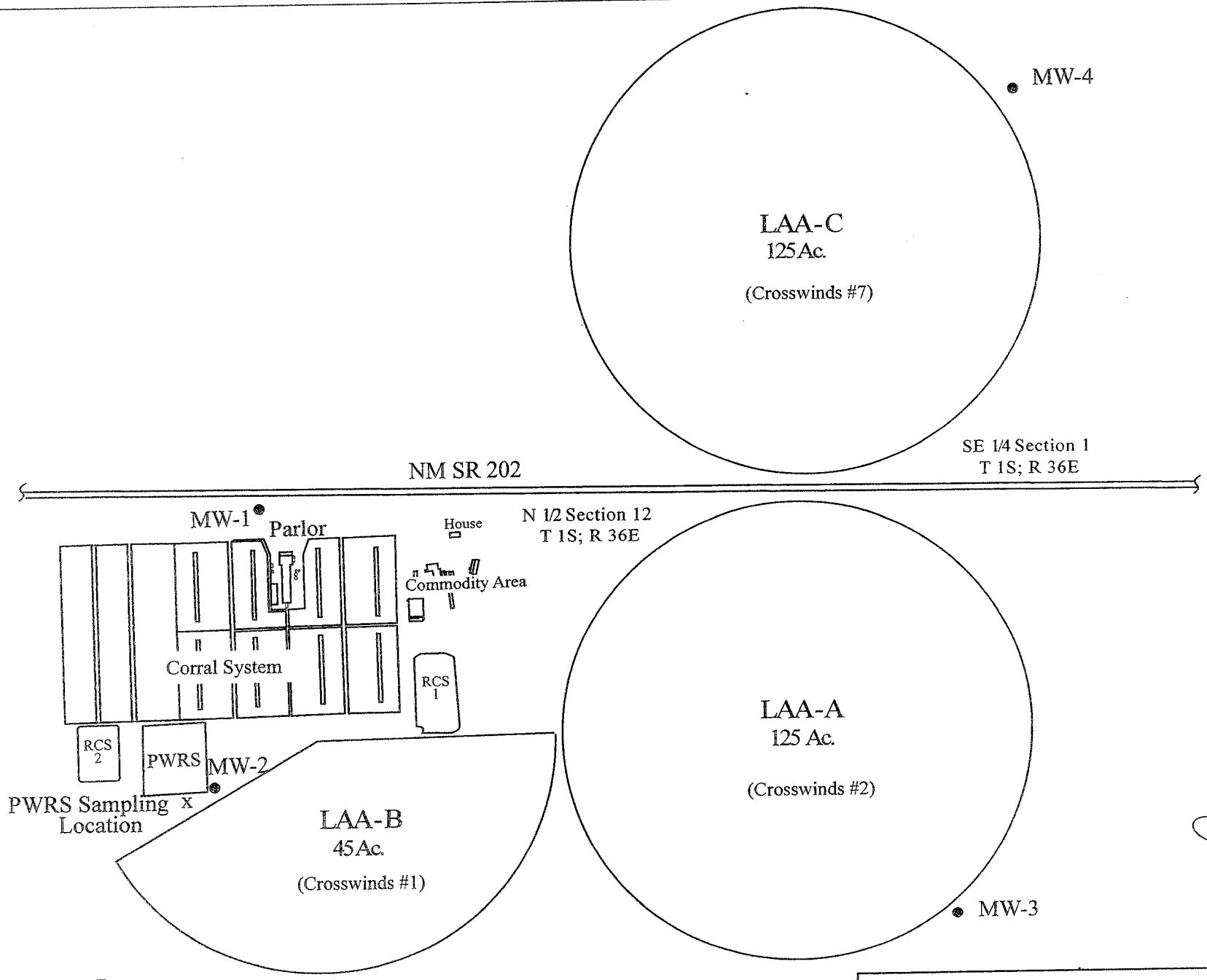


Enviro Compliance Services, Inc.
Office: (505) 762-9674 Fax: (505) 762-3749
Providing Management Assistance for Environmental Compliance Since 1981

| Title: Crosswinds Dairy Overall Site Layout | | DP-1251 |
|---|---|---|
| Date: 12/6/2006 | DWG/Doc Ref Not to Scale | Sheet No 1/1 |

DP-1251

recent GW

# 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: 09/25/09 @ 1 °C
Reporting Date: 10/14/09
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 09/24/09 @ 12:10
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: | | 09/28/09 | 10/06/09 | 10/08/09 | 10/05/09 |
| Time Analysis Batch Started: | | 10:55 | 15:00 | 8:30 | 14:20 |
| | | | | | |
| AN15194-1 | MW 2 | 355 | 17 | 0.4 | 1.3 |
| AN15194-2 | PWRS | 2,050 | 240 | 160 | 0.03 |
| | | | | | |
| | | | | | |
| | | | | | |
| Date Analysis Batch Finished: | | 09/29/09 | 10/06/09 | 10/08/09 | 10/05/09 |
| Time Analysis Batch Finished: | | 14:30 | 17:00 | 17:00 | 17:20 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.3 | < 0.03 |
| Quality Control | | 1014 | 50 | 4.97 | 1.0547 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 101 | 100 | 99 | 105 |
| Hi - Low Limits | | 90 - 110 | 95 - 105 | 85 - 115 | 85 - 115 |
| % Extraction Accuracy | | N/A | 99 | 90 | 100 |
| Relative Percent Difference | | 0 | 4 | 3 | 5 |
| METHODS: EPA 600/4-79-020, | | SM2540 C | SM4500B-Cl⁻ | 351.4 | 353.3 |

This report meets NELAC T104704437-08A-TX.

Mario Rodriguez, Director.

10/14/09
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: 02/27/09 @ 6 °C
Reporting Date: 03/26/09
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/25/09 @ 09:00
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: | | 03/03/09 | 03/12/09 | 03/05/09 | 03/06/09 |
| Time Analysis Batch Started: | | 14:50 | 16:50 | 9:00 | 14:00 |
| AN14291-1 | MW 1 | 295 | 7 | < 0.2 * | 1.2 |
| AN14291-2 | MW 2 | 315 | 15 | 0.2 | 4.4 |
| AN14291-3 | MW 3 | 275 | 7 | 0.2 | 0.48 |
| AN14291-4 | MW 4 | 300 | 8 | < 0.2 * | 2.5 |
| AN14291-5 | PWRS | 2,080 | 100 | 231 | 0.05 |
| Date Analysis Batch Finished: | | 03/04/09 | 03/12/09 | 03/05/09 | 03/06/09 |
| Time Analysis Batch Finished: | | 17:15 | 17:20 | 14:00 | 17:20 |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 992 | 50 | 4.95 | 1.0506 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 99 | 100 | 99 | 105 |
| % Extraction Accuracy | | N/A | 102 | 90 | 103 |
| Relative Percent Difference | | 1 | 0 | 1 | 1 |
| 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.

03/26/09
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: 01/23/09 @ 1 °C
Reporting Date: 02/05/09
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 01/20/09 @ 13:30
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: | | 01/26/09 | 01/27/09 | 02/03/09 | 01/28/09 |
| Time Analysis Batch Started: | | 10:00 | 10:40 | 8:40 | 13:30 |
| AN14149-1 | MW 1 | 255 | 7 | 0.3 | 1.6 |
| AN14149-2 | MW 2 | 285 | 15 | 0.4 | 4.8 |
| AN14149-3 | MW 3 | 240 | 12 | 0.3 | 0.53 |
| AN14149-4 | MW 4 | 235 | 9 | 0.4 | 2.3 |
| AN14149-5 | PWRS | 2,030 | 130 | 225 | 0.06 |
| 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
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: 08/23/08 @ 1 °C
Reporting Date: 09/22/08
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 08/22/08 @ 12:45
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: | | 08/25/08 | 08/25/08 | 08/28/08 | 09/09/08 |
| Time Analysis Batch Started: | | 12:10 | 15:30 | 9:30 | 12:25 |
| | | | | | |
| AM13515-1 | MW 1 | 310 | 15 | 0.2 | 5.1 |
| AM13515-2 | MW 2 | 290 | 10 | < 0.2 * | 3.5 |
| AM13515-3 | MW 3 | 275 | 10 | < 0.2 * | 0.49 |
| AM13515-4 | MW 4 | 290 | 10 | < 0.2 * | 2.2 |
| AM13515-5 | PWRS | 2,180 | 80 | 100 | 3.7 |
| | | | | | |
| Date Analysis Batch Finished: | | 08/27/08 | 08/25/08 | 08/28/08 | 09/09/08 |
| Time Analysis Batch Finished: | | 9:00 | 17:20 | 17:20 | 18:00 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 982 | 50 | 5.34 | 0.4996 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 92 | 100 | 107 | 100 |
| % Extraction Accuracy | | N/A | 99 | 96 | 101 |
| Relative Percent Difference | | 0 | 0 | 2 | 3 |
| | | | | | |
| METHODS: EPA 600/4-79-020, | | 160.1 | 4500B-$Cl^-$ | 351.4 | 353.3 |

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

9-22-08
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 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 03/22/08 @ 1 °C
Reporting Date: 04/09/08
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: ROOSEVELT COUNTY

Sampling Date: 03/21/08 @ 13:00
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: | | 03/25/08 | 04/01/08 | 04/03/08 | 04/08/08 |
| Time Analysis Batch Started: | | 12:00 | 9:30 | 11:00 | 9:00 |
| | | | | | |
| AM12849-1 | MW 1 | 310 | 10 | < 0.2 * | 4.5 |
| AM12849-2 | MW 2 | 305 | 10 | < 0.2 * | 3.2 |
| AM12849-3 | MW 3 | 260 | 8 | < 0.2 * | 0.2 |
| AM12849-4 | MW 4 | 260 | 8 | < 0.2 * | 1.4 |
| AM12849-5 | PWRS | 1,820 | 90 | 70 | 1.8 |
| | | | | | |
| Date Analysis Batch Finished: | | 03/26/08 | 04/01/08 | 04/04/08 | 03/26/08 |
| Time Analysis Batch Finished: | | 17:05 | 12:50 | 17:30 | 15:00 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.2 | < 001 |
| Quality Control | | 994 | 51 | 5.54 | 1.0224 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 99 | 102 | 111 | 102 |
| % Extraction Accuracy | | N/A | 98 | 88 | 95 |
| Relative Percent Difference | | 0 | 1 | 1 | 2 |
| | | | | | |
| METHODS: EPA 600/4-79-020, | | 160.1 | 4500B-Cl⁻ | 351.4 | 353.3 |

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

04-09-08
Date

Recent WW

# 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: 09/25/09 @ 1 °C
Reporting Date: 10/14/09
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 09/24/09 @ 12:10
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: | | 09/28/09 | 10/06/09 | 10/08/09 | 10/05/09 |
| Time Analysis Batch Started: | | 10:55 | 15:00 | 8:30 | 14:20 |
| | | | | | |
| AN15194-1 | MW 2 | 355 | 17 | 0.4 | 1.3 |
| AN15194-2 | PWRS | 2,050 | 240 | 160 | 0.03 |
| | | | | | |
| | | | | | |
| | | | | | |
| Date Analysis Batch Finished: | | 09/29/09 | 10/06/09 | 10/08/09 | 10/05/09 |
| Time Analysis Batch Finished: | | 14:30 | 17:00 | 17:00 | 17:20 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.3 | < 0.03 |
| Quality Control | | 1014 | 50 | 4.97 | 1.0547 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 101 | 100 | 99 | 105 |
| Hi - Low Limits | | 90 - 110 | 95 - 105 | 85 - 115 | 85 - 115 |
| % Extraction Accuracy | | N/A | 99 | 90 | 100 |
| Relative Percent Difference | | 0 | 4 | 3 | 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.

10/14/09

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: 02/27/09 @ 6 °C
Reporting Date: 03/26/09
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 02/25/09 @ 09:00
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: | | 03/03/09 | 03/12/09 | 03/05/09 | 03/06/09 |
| Time Analysis Batch Started: | | 14:50 | 16:50 | 9:00 | 14:00 |
| AN14291-1 | MW 1 | 295 | 7 | < 0.2 * | 1.2 |
| AN14291-2 | MW 2 | 315 | 15 | 0.2 | 4.4 |
| AN14291-3 | MW 3 | 275 | 7 | 0.2 | 0.48 |
| AN14291-4 | MW 4 | 300 | 8 | < 0.2 * | 2.5 |
| AN14291-5 | PWRS | 2,080 | 100 | 231 | 0.05 |
| Date Analysis Batch Finished: | | 03/04/09 | 03/12/09 | 03/05/09 | 03/06/09 |
| Time Analysis Batch Finished: | | 17:15 | 17:20 | 14:00 | 17:20 |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 992 | 50 | 4.95 | 1.0506 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 99 | 100 | 99 | 105 |
| % Extraction Accuracy | | N/A | 102 | 90 | 103 |
| Relative Percent Difference | | 1 | 0 | 1 | 1 |
| 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.

03/26/09
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: 01/23/09 @ 1 °C
Reporting Date: 02/05/09
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 01/20/09 @ 13:30
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: | | 01/26/09 | 01/27/09 | 02/03/09 | 01/28/09 |
| Time Analysis Batch Started: | | 10:00 | 10:40 | 8:40 | 13:30 |
| AN14149-1 | MW 1 | 255 | 7 | 0.3 | 1.6 |
| AN14149-2 | MW 2 | 285 | 15 | 0.4 | 4.8 |
| AN14149-3 | MW 3 | 240 | 12 | 0.3 | 0.53 |
| AN14149-4 | MW 4 | 235 | 9 | 0.4 | 2.3 |
| AN14149-5 | PWRS | 2,030 | 130 | 225 | 0.06 |
| 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
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: 08/23/08 @ 1 °C
Reporting Date: 09/22/08
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: PORTALES, NM

Sampling Date: 08/22/08 @ 12:45
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: | | 08/25/08 | 08/25/08 | 08/28/08 | 09/09/08 |
| Time Analysis Batch Started: | | 12:10 | 15:30 | 9:30 | 12:25 |
| | | | | | |
| AM13515-1 | MW 1 | 310 | 15 | 0.2 | 5.1 |
| AM13515-2 | MW 2 | 290 | 10 | < 0.2 * | 3.5 |
| AM13515-3 | MW 3 | 275 | 10 | < 0.2 * | 0.49 |
| AM13515-4 | MW 4 | 290 | 10 | < 0.2 * | 2.2 |
| AM13515-5 | PWRS | 2,180 | 80 | 100 | 3.7 |
| | | | | | |
| Date Analysis Batch Finished: | | 08/27/08 | 08/25/08 | 08/28/08 | 09/09/08 |
| Time Analysis Batch Finished: | | 9:00 | 17:20 | 17:20 | 18:00 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 982 | 50 | 5.34 | 0.4996 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 92 | 100 | 107 | 100 |
| % Extraction Accuracy | | N/A | 99 | 96 | 101 |
| Relative Percent Difference | | 0 | 0 | 2 | 3 |
| | | | | | |
| METHODS: EPA 600/4-79-020, | | 160.1 | 4500B-Cl⁻ | 351.4 | 353.3 |

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

9-22-08
Date

DP-1251

# 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: 06/21/05
Reporting Date: 07/08/05
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: ROOSEVELT COUNTY

Sampling Date: 06/16/05
Sample Type: WELL $H_2O$, WASTE, $H_2O$
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: CW, RG

| LAB NUMBER | SAMPLE ID | TDS (mg/L) | Chlorides (mg/L) | TKN (mg/L) | $NO_3$-$NO_2$-N (mg/L) |
|---|---|---|---|---|---|
| Date Analysis Batch Started: | | 06/23/05 | 06/28/05 | 06/23/05 | 06/27/05 |
| Time Analysis Batch Started: | | 9:00 | 9:40 | 8:00 | 10:30 |
| | | | | | |
| AJ9235-1 | MW-1 | 375 | 17 | < 0.2 * | 4.1 |
| AJ9235-2 | MW-2 | 640 | 65 | < 0.2 * | 36.4 |
| AJ9235-3 | MW-3 | 280 | 11 | < 0.2 * | 0.56 |
| AJ9235-4 | PWRS | 2200 | 165 | 170 | 0.09 |
| | | | | | |
| | | | | | |
| Date Analysis Batch Finished: | | 06/25/05 | 06/28/05 | 06/23/05 | 06/27/05 |
| Time Analysis Batch Finished: | | 11:50 | 11:20 | 17:00 | 15:30 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 1014 | 51 | 5.09 | 0.3189 |
| True Value QC | | 1000 | 50 | 5.00 | 0.3000 |
| % Instrument Accuracy | | 101 | 102 | 102 | 106 |
| % Extraction Accuracy | | N/A | 103 | 90 | 106 |
| Relative Percent Difference | | 4 | 0 | 4 | 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.

07/08/05

Date

Highest GW, MW-2
Syn. Lagoon

DP-1251

# Advanced Analysis, Inc.

JUL 24 2003

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
212 TUCKER AVENUE
CLOVIS, NM 88101-3231
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 05/31/03
Reporting Date: 06/06/03
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: ROOSEVELT COUNTY

Sampling Date: 05/29/03
Sample Type: WELL $H_2O$
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: MJ, LR

| LAB NUMBER | SAMPLE ID | TDS (mg/L) | Chlorides (mg/L) | TKN (mg/L) | $NO_3$-$NO_2$-N (mg/L) |
|---|---|---|---|---|---|
| Date Analysis Batch Started: | | 06/03/03 | 06/03/03 | 06/04/03 | 06/03/03 |
| Time Analysis Batch Started: | | 8:35 | 10:20 | 9:35 | 10:20 |
| | | | | | |
| AH6307-1 | MW 1 | 550 | 36 | < 0.2 * | 42.4 |
| AH6307-2 | MW 2 | 545 | 46 | < 0.2 * | 28.9 |
| AH6307-3 | MW 3 | 260 | 14 | < 0.2 * | 0.64 |
| | | | | | |
| | | | | | |
| | | | | | |
| Date Analysis Batch Finished: | | 06/04/03 | 06/03/03 | 06/04/03 | 06/03/03 |
| Time Analysis Batch Finished: | | 11:50 | 14:15 | 15:30 | 16:50 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 990 | 51 | 5.01 | 0.4576 |
| True Value QC | | 1000 | 50 | 5.00 | 0.5000 |
| % Instrument Accuracy | | 99 | 102 | 100 | 92 |
| % Extraction Accuracy | | N/A | 101 | 97 | 103 |
| Relative Percent Difference | | 0 | 4 | 6 | 0 |
| | | | | | |
| EPA 600/4-79-020, | | 160.1 | 4500B-$Cl^-$ | 351.4 | 353.3 |

* Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

06/06/03

Date

Highest GW, MW-1
Upgradient

DP-1251

Recd 2-1-06

# 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: 01/19/06
Reporting Date: 02/01/06
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: ROOSEVELT COUNTY

Sampling Date: 01/17/06
Sample Type: WELL $H_2O$, WASTE, $H_2O$
Sample Condition: COOL & INTACT
Sample Received By: TE
Analyzed By: RG, TE

| LAB NUMBER | SAMPLE ID | TDS (mg/L) | Chlorides (mg/L) | TKN (mg/L) | $NO_3$-$NO_2$-N (mg/L) |
|---|---|---|---|---|---|
| Date Analysis Batch Started: | | 01/23/06 | 01/31/06 | 01/31/06 | 01/26/06 |
| Time Analysis Batch Started: | | 13:20 | 13:20 | 11:30 | 9:30 |
| AK10071-1 | MW-1 | 305 | 15 | < 0.2 * | 6.6 |
| AK10071-2 | MW-2 | 630 | 45 | < 0.2 * | 33.6 |
| AK10071-3 | MW-3 | 255 | 10 | < 0.2 * | 0.71 |
| AK10071-4 | PWRS | 2,735 | 130 | 300 | 0.11 |
| Date Analysis Batch Finished: | | 01/24/06 | 01/31/06 | 02/01/06 | 01/26/06 |
| Time Analysis Batch Finished: | | 9:03 | 15:45 | 13:00 | 16:30 |
| Blank | | < 1 | < 1 | < 0.2 | < 0.01 |
| Quality Control | | 1028 | 50 | 5.04 | 0.924 |
| True Value QC | | 1000 | 50 | 5.00 | 1.000 |
| % Instrument Accuracy | | 103 | 100 | 101 | 92 |
| % Extraction Accuracy | | N/A | 101 | 94 | 109 |
| Relative Percent Difference | | 1 | 4 | 9 | 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.

02-01-06
Date

Highest WW

DP-1251

# 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: 03/22/08 @ 1 °C
Reporting Date: 04/09/08
Project Number: DP-1251
Project Name: CROSSWINDS DAIRY
Project Location: ROOSEVELT COUNTY

Sampling Date: 03/21/08 @ 13:00
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: | | 03/25/08 | 04/01/08 | 04/03/08 | 04/08/08 |
| Time Analysis Batch Started: | | 12:00 | 9:30 | 11:00 | 9:00 |
| | | | | | |
| AM12849-1 | MW 1 | 310 | 10 | < 0.2 * | 4.5 |
| AM12849-2 | MW 2 | 305 | 10 | < 0.2 * | 3.2 |
| AM12849-3 | MW 3 | 260 | 8 | < 0.2 * | 0.2 |
| AM12849-4 | MW 4 | 260 | 8 | < 0.2 * | 1.4 |
| AM12849-5 | PWRS | 1,820 | 90 | 70 | 1.8 |
| | | | | | |
| Date Analysis Batch Finished: | | 03/26/08 | 04/01/08 | 04/04/08 | 03/26/08 |
| Time Analysis Batch Finished: | | 17:05 | 12:50 | 17:30 | 15:00 |
| | | | | | |
| Blank | | < 1 | < 1 | < 0.2 | < 001 |
| Quality Control | | 994 | 51 | 5.54 | 1.0224 |
| True Value QC | | 1000 | 50 | 5.00 | 1.0000 |
| % Instrument Accuracy | | 99 | 102 | 111 | 102 |
| % Extraction Accuracy | | N/A | 98 | 88 | 95 |
| Relative Percent Difference | | 0 | 1 | 1 | 2 |
| | | | | | |
| METHODS: EPA 600/4-79-020, | | 160.1 | 4500B-$Cl^-$ | 351.4 | 353.3 |

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

04-09-08
Date

Lowest WW