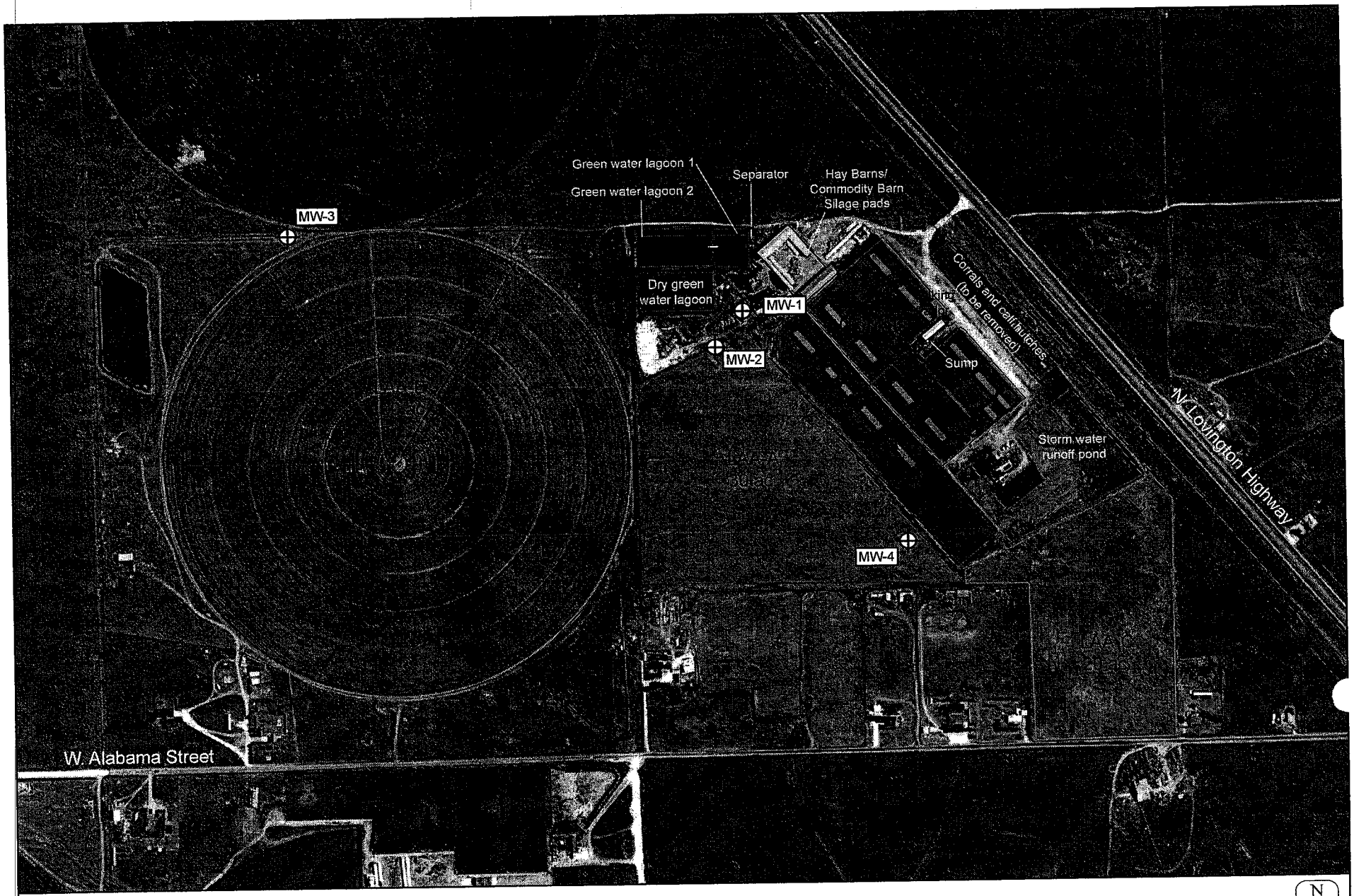

Ruch Dairy Site Map

Discharge Permit-699
T17S, R37E, Sec 26 and 27
32°48'15"N, 103°13'33"W
Lea County

9111 Lovington Highway (State Hwy18)
Hobbs, NM 88260
(575) 390-8536

Direction of Surface Flow

Monitoring Well

1,400 700 0 1,400 Feet

0.25 0.125 0 0.25 Miles

N

GROUND WATER

GLORIETA GEOSCIENCE, INC.
P.O. Box 5727
Santa Fe, NM 87502
(505) 983-5446
Fax (505) 983-6482
E-mail: ggi@glorietageo.com
Web Address: www.glorietageo.com

BUREAU

A-10. Discharge Quality.

Indicate the expected quality of the discharge -- wastewater, leachate, sludge, etc. -- generated, stored, treated, processed and/or discharged at your facility. List the contaminants of concern and the expected concentrations. *Not all facilities need to characterize influent quality.* See Supplemental Instructions for typical contaminants and additional guidance.

Expected or Known Contaminants	Expected concentration range Indicate units: mg/L, CFU/100 ml, etc.	
	Incoming (Influent)	Final (Effluent)
TDS		**1,800 mg/L**
TKN		**200 mg/L**
CL		**250 mg/L**
NO3-N		**0.15 mg/L**

For **new** septic tank systems, you may either fill out the chart above or simply check one of the following options:

☐ typical domestic wastewater

☐ low-strength domestic wastewater (large gray water component; e.g., laundromat, spa, etc.)

☐ high-strength domestic wastewater (low water use; e.g., RV park, low-flow toilets at campground, etc.)

A-11. Ground Water Conditions.

All applicants must provide the depth to and pre-discharge TDS concentration of the ground water that could be affected by the discharge. Refer to Supplemental Instructions for details on how to obtain these values.

Indicate the depth to the most shallow ground water beneath the discharge site. If there are multiple discharge sites, indicate the range of depths.

Depth to water (feet): **70'**

Reference: **Attachment B-9**

X Measurement, nearby monitoring well

☐ Measurement, nearby supply well

☐ Well log from nearby well (attach copy)

☐ Office of the State Engineer
http://www.ose.state.nm.us/

☐ Report or study (give citation here and attach relevant portion):

☐ Other (describe):

Indicate the total dissolved solids (TDS) concentration of most shallow ground water beneath the discharge site. Attach copies of analyses.

TDS (mg/L): **560 mg/L**

Reference: **Attachment A-2**

☐ Analysis from upgradient monitoring well

☐ Analysis from on-site supply well

☐ Analysis from shallow nearby supply well

X Concentration provided in previous Discharge Permit application

☐ Report or study (give citation here and attach relevant portion):

☐ Other (describe):

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Oct-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW1
Lab Order:	0910097	**Collection Date:**	10/5/2009 8:26:00 AM
Project:	Ruch Dairy	**Date Received:**	10/6/2009
Lab ID:	0910097-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Chloride	230	2.0		mg/L	20	10/6/2009 6:08:36 PM
Nitrogen, Nitrate (As N)	12	0.10		mg/L	1	10/6/2009 5:51:12 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	1140	20.0		mg/L	1	10/12/2009 8:23:00 AM
SM 4500 NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	10/7/2009 2:17:00 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Estimated value	H	Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND Not Detected at the Reporting Limit	RL	Reporting Limit
	S Spike recovery outside accepted recovery limits		

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Oct-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW3
Lab Order:	0910097	**Collection Date:**	10/5/2009 10:20:00 AM
Project:	Ruch Dairy	**Date Received:**	10/6/2009
Lab ID:	0910097-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Chloride	65	2.0		mg/L	20	10/6/2009 7:18:13 PM
Nitrogen, Nitrate (As N)	3.8	0.10		mg/L	1	10/6/2009 7:00:49 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	611	20.0		mg/L	1	10/12/2009 8:23:00 AM
SM 4500 NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	10/7/2009 2:17:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Oct-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW4
Lab Order:	0910097	**Collection Date:**	10/5/2009 7:38:00 AM
Project:	Ruch Dairy	**Date Received:**	10/6/2009
Lab ID:	0910097-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						**Analyst: LJB**
Chloride	230	2.0		mg/L	20	10/6/2009 4:59:00 PM
Nitrogen, Nitrate (As N)	20	2.0		mg/L	20	10/6/2009 4:59:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						**Analyst: MMS**
Total Dissolved Solids	1090	20.0		mg/L	1	10/12/2009 8:23:00 AM
SM 4500 NORG C: TKN						**Analyst: KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/7/2009 2:17:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *27-May-09*

CLIENT: Glorieta GeoScience
Lab Order: 0905208
Project: Ruch Dairy
Lab ID: 0905208-01

Client Sample ID: MW-1
Collection Date: 5/12/2009 9:55:00 AM
Date Received: 5/13/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	220	2.0		mg/L	20	5/19/2009 4:09:41 AM
Nitrate (As N)+Nitrite (As N)	7.6	2.0		mg/L	10	5/19/2009 3:17:27 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1400	400		mg/L	1	5/13/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	5.0	2.0		mg/L	1	5/18/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *27-May-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0905208	**Collection Date:**	5/12/2009 10:32:00 AM
Project:	Ruch Dairy	**Date Received:**	5/13/2009
Lab ID:	0905208-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	77	1.0		mg/L	10	5/19/2009 5:36:43 AM
Nitrate (As N)+Nitrite (As N)	4.7	1.0		mg/L	5	5/19/2009 5:54:08 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	560	20		mg/L	1	5/13/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	1.1	1.0		mg/L	1	5/18/2009

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *27-May-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-4
Lab Order:	0905208	**Collection Date:**	5/12/2009 9:17:00 AM
Project:	Ruch Dairy	**Date Received:**	5/13/2009
Lab ID:	0905208-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	170	1.0		mg/L	10	5/19/2009 6:11:33 AM
Nitrate (As N)+Nitrite (As N)	18	1.0		mg/L	5	5/19/2009 6:28:57 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	870	20		mg/L	1	5/15/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	5/18/2009

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Estimated value	H	Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND Not Detected at the Reporting Limit	RL	Reporting Limit
	S Spike recovery outside accepted recovery limits		

DP-699

GROUND WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Feb-09*

MAY [illegible] 2009

BUREAU

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-1
Lab Order:	0901366	**Collection Date:**	1/26/2009 9:15:00 AM
Project:	Ruch Dairy	**Date Received:**	1/28/2009
Lab ID:	0901366-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	210	1.0		mg/L	10	1/28/2009 3:24:12 PM
Nitrate (As N)+Nitrite (As N)	15	1.0		mg/L	5	1/28/2009 3:41:37 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	1100	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	4.8	2.0		mg/L	1	2/1/2009

ww

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank	
	E	Estimated value	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level	
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit	
	S	Spike recovery outside accepted recovery limits			

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-4
Lab Order:	0901366	**Collection Date:**	1/26/2009 9:50:00 AM
Project:	Ruch Dairy	**Date Received:**	1/28/2009
Lab ID:	0901366-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	140	1.0		mg/L	10	1/28/2009 3:59:01 PM
Nitrate (As N)+Nitrite (As N)	18	1.0		mg/L	5	1/28/2009 4:16:27 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	820	40		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	2/1/2009

LA

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank	
	E	Estimated value	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level	
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit	
	S	Spike recovery outside accepted recovery limits			

DP-699

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0901366	**Collection Date:**	1/26/2009 10:39:00 AM
Project:	Ruch Dairy	**Date Received:**	1/28/2009
Lab ID:	0901366-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	54	1.0		mg/L	10	1/28/2009 4:51:17 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	1/28/2009 5:08:41 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	470	40		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	2/1/2009

ug

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank	
	E	Estimated value	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level	
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit	
	S	Spike recovery outside accepted recovery limits			

DP-699

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: 01/09/09 @ 1° C
Reporting Date: 01/15/09
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 01/07/09 @ 12:30
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SN
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:		01/12/09	01/15/09	01/15/09	01/13/09
Time Analysis Batch Started:		11:00	15:15	8:50	9:00
AN14077-1	MW 1	1,240	210	2.4	13.9
AN14077-2	MW 3	450	50	0.7	1.0
AN14077-3	MW 4	875	170	0.2	19.7
Date Analysis Batch Finished:		01/13/09	01/15/09	01/15/09	01/13/09
Time Analysis Batch Finished:		16:05	17:30	16:00	15:10
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	4.95	0.7376
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		100	100	99	98
% Extraction Accuracy		N/A	100	89	95
Relative Percent Difference		1	0	3	1
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

01-15-09
Date

DP-699

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: 09/18/08 @ 1° C
Reporting Date: 10/12/08
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 09/15/08 @ 10:30
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:		09/19/08	09/22/08	09/25/08	09/25/08
Time Analysis Batch Started:		15:30	15:15	8:45	10:30
AM13646-1	MW 3	600	75	< 0.2 *	3.0
AM13646-2	MW 4	1,060	195	< 0.2 *	14.3
AM13646-3	PWRS	1,740	130	150	0.58
Date Analysis Batch Finished:		09/23/08	09/22/08	09/26/08	09/25/08
Time Analysis Batch Finished:		9:00	17:25	15:00	16:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	4.79	0.9255
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	96	93
% Extraction Accuracy		N/A	101	93	90
Relative Percent Difference		1	0	6	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

10-13-08
Date

DP-699

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: 04/12/08 @ 1° C
Reporting Date: 04/29/08
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 04/09/08 @ 8:30
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:		04/15/08	04/24/08	04/21/08	04/21/08
Time Analysis Batch Started:		12:50	10:10	10:00	11:30
AM12943-1	MW 1	1,370	220	0.4	49.0
AM12943-2	MW 3	485	55	< 0.2 *	1.0
AM12943-3	MW 4	465	165	< 0.2 *	20.6
AM12943-4	PWRS	4,530	140	100	0.04
Date Analysis Batch Finished:		04/16/08	04/24/08	04/22/08	04/21/08
Time Analysis Batch Finished:		17:10	14:00	16:15	15:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.20	1.0445
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	104	104
% Extraction Accuracy		N/A	97	104	100
Relative Percent Difference		0	0	10	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director

05-05-08
Date

DP-699

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: 04/07/07
Reporting Date: 04/23/07
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 04/05/07
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:		04/10/07	04/19/07	04/17/07	0419/07
Time Analysis Batch Started:		14:30	10:00	8:40	10:30
AL11681-1	MW 1	1,350	180	1.0	42.6
AL11681-2	MW 2	735	130	0.5	16.8
AL11681-3	MW 3	410	45	< 0.2 *	0.52
AL11681-4	MW 4	850	140	< 0.2 *	18.3
AL11681-5	PWRS	1,080	130	70	0.04
Date Analysis Batch Finished:		04/12/07	04/19/07	04/20/07	04/19/07
Time Analysis Batch Finished:		10:55	15:30	16:15	16:50
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	50	5.01	1.0914
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	100	109
% Extraction Accuracy		N/A	100	100	106
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

Mario Rodriguez, Director.

04/23/07
Date

DP-699

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: 09/08/04
Reporting Date: 09/27/04
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 09/03/04
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: CW, AE, 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:		09/09/04	09/17/04	09/16/04	09/15/04
Time Analysis Batch Started:		10:00	13:50	12:00	13:30
AI7943-1	MW 1	1060	130	0.6	13.1
AI7943-2	MW 2	1390	245	1.6	17.2
AI7943-3	MW 3	460	35	< 0.2 *	1.0
AI7943-4	PWRS	1680	170	30	0.28
Date Analysis Batch Finished:		09/10/04	09/17/04	09/17/04	09/15/04
Time Analysis Batch Finished:		16:10	17:00	9:00	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1040	50	4.92	0.5016
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		104	100	98	100
% Extraction Accuracy		N/A	104	109	98
Relative Percent Difference		3	4	1	4

METHODS: EPA 600/4-79-020,	160.1	4500B-Cl^-	351.4	353.3

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director

09-27-04
Date

RECEIVED

DP-699

Advanced Analysis & Laboratory Services

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 AVE.
CLOVIS, NM 88101-3231
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 04/11/02
Reporting Date: 05/02/02
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 04/10/02
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RH, NW

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
ANALYSIS DATE:		04/15/02	04/18/02	04/19/02	04/18/02
AG4745-1	MW 1	1065	160	1.2	5.9
AG4745-2	MW 2	1440	185	1.6	10.5
AG4745-3	PWRS	1800	280	206	0.1
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		948	50	5.34	0.3083
True Value QC		1000	50	5.00	0.3000
% Instrument Accuracy		95	100	107	103
% Extraction Accuracy		N/A	102	101	89
Relative Percent Difference		2	0	2	13
METHODS: EPA 600/4-79-020,		160.1	4500B	351.4	353.3

Mario Rodriguez, Chemist

05/02/02
Date

DP-699

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: 07/14/07
Reporting Date: 07/25/07
Project Number: DP-699
Project Name: K & B DAIRY
Project Location: HOBBS, NM

Sampling Date: 07/12/07
Sample Type: WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
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:		07/16/07	07/19/07	07/19/07	07/17/07
Time Analysis Batch Started:		13:00	13:00	9:00	11:00
AL12003-1	MW 1	1,435	190	1.7	60.4
AL12003-2	MW 3	495	60	< 0.2 *	0.18
AL12003-3	MW 4	900	170	< 0.2 *	23.6
Date Analysis Batch Finished:		07/17/07	07/19/07	07/20/07	07/17/07
Time Analysis Batch Finished:		17:27	16:45	16:20	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	5.45	0.5012
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		100	100	109	100
% Extraction Accuracy		N/A	101	98	92
Relative Percent Difference		1	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.

07-25-07
Date

Servi-Tech Laboratories

6921 S. Bell • Amarillo, TX 79109
www.servitechlabs.com

Phone: 806.677.0093 • 800.557.7509 • **Fax:** 806.677.0329

Lab #: A-2008NL**000134**

LABORATORY REPORT

Report Date: 11/02/2007 05:58 pm

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Laboratory Manager

Project ID: 10-31-07	**Date/Time Received:** 10/25/2007 09:00 am	**Location:**
Project Title: K & B DAIRY	**Name of Submitter:** MICHAEL DOLAN	
Sample ID: PWRS	**Date/Time Sampled:** 10/23/2007 02:45 pm	**Invoice No:** 400643
Client Name: K & B DAIRY	**Name of Sampler:** MICHAEL DOLAN	**P.O. #:**
Subject: Wastewater Lab Analysis		**Depth:**
		Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	ND	mg/L	0.10	EPA 353.2	10/26/2007 1:52PM	LF
Total Kjeldahl Nitrogen, TKN	130	mg/L	21	EPA 351.3	10/31/2007	RR
Chloride, Cl	120	mg/L	10	EPA 325.2	10/26/2007 3:05PM	LF
Total Dissolved Solids, TDS	1320	mg/L	200	SM 2540 C (20th Ed.)	11/2/2007	SH

DP-629

RL = Reporting Limit | ND = Not Detected at RL