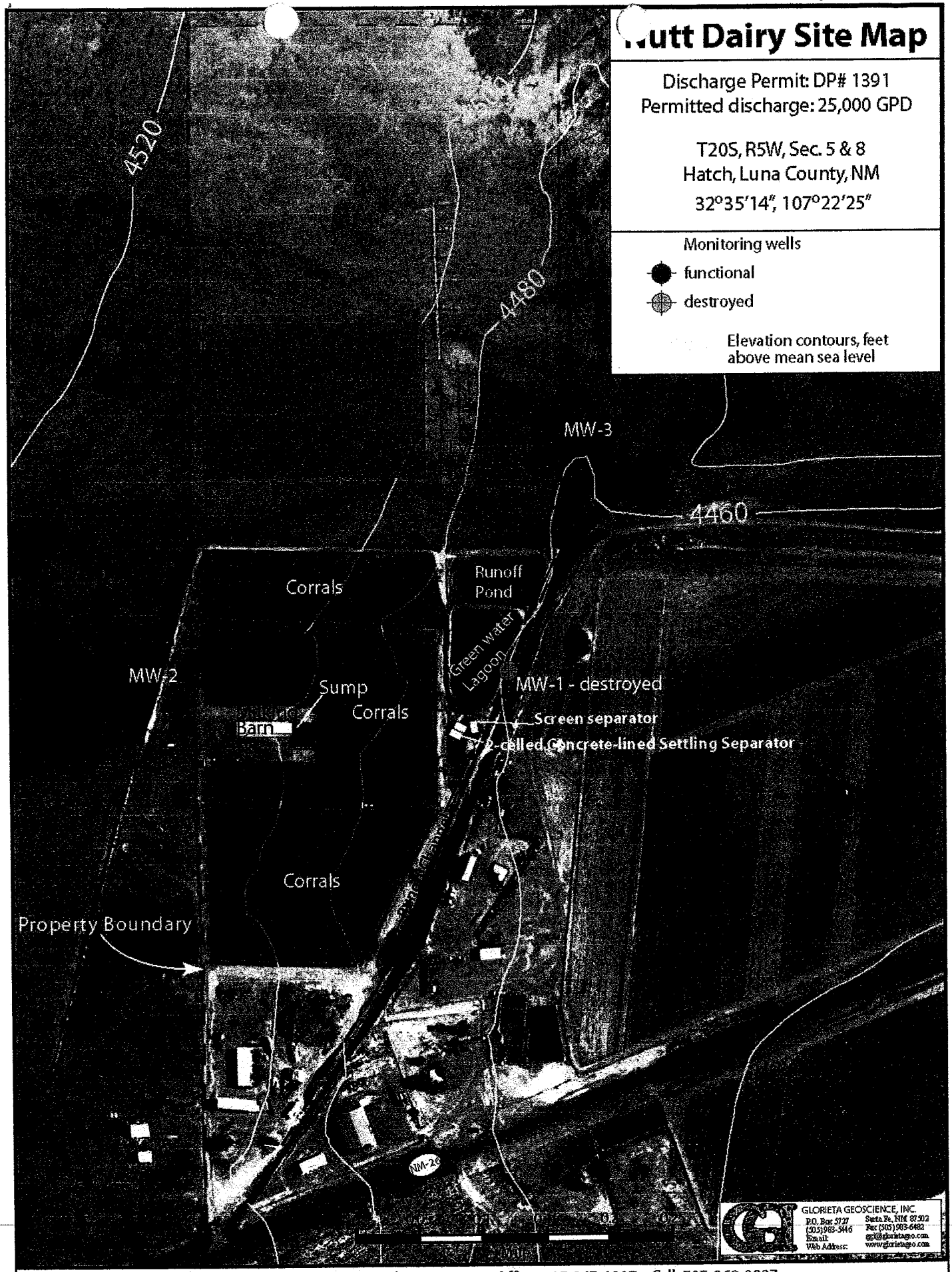
DP-1391



Nutt Dairy Site Map

Discharge Permit: DP# 1391
Permitted discharge: 25,000 GPD

T20S, R5W, Sec. 5 & 8
Hatch, Luna County, NM
32°35'14", 107°22'25"

Monitoring wells
- functional
- destroyed

Elevation contours, feet above mean sea level

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

Contact Info: Nutt Dairy, P.O. Box 751, Hatch, NM 87937 Office: 505-267-9217 Cell: 505-869-0837

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

GROUND WATER

OCT 0 2 2008

BUREAU

COVER LETTER

Wednesday, August 20, 2008

Reddy Ganta
Glorieta GeoScience
P.O. Box 5727
Santa Fe, NM 87502

TEL: (505) 983-5446
FAX (505) 983-6482

RE: Nutt Dairy

Order No.: 0808210

Dear Reddy Ganta:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 8/12/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

DP-1391
GROUND WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-09*

OCT 06 2009

CLIENT: Glorieta GeoScience
Lab Order: 0907131
Project: Nutt Dairy
Lab ID: 0907131-01

Client Sample ID: MW-1
Collection Date: 7/8/2009 9:53:00 AM
Date Received: 7/8/2009
Matrix: AQUEOUS

BUREAU

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	130	1.0		mg/L	10	7/9/2009 4:15:42 PM
Nitrogen, Nitrate (As N)	17	1.0		mg/L	10	7/9/2009 4:15:42 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	1140	20.0		mg/L	1	7/10/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	7/13/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-09*

OCT 06 2009

CLIENT: Glorieta GeoScience
Lab Order: 0907131
Project: Nutt Dairy
Lab ID: 0907131-02

Client Sample ID: MW-2
Collection Date: 7/8/2009 8:13:00 AM
Date Received: 7/8/2009
Matrix: AQUEOUS

BUREAU

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	11	0.10		mg/L	1	7/9/2009 11:02:19 AM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	7/9/2009 11:02:19 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	430	200		mg/L	1	7/10/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/13/2009

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-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0907131	**Collection Date:**	7/8/2009 9:01:00 AM
Project:	Nutt Dairy	**Date Received:**	7/8/2009
Lab ID:	0907131-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	31	1.0		mg/L	10	7/11/2009 3:28:46 AM
Nitrogen, Nitrate (As N)	5.7	0.10		mg/L	1	7/9/2009 11:54:32 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	400	20.0		mg/L	1	7/10/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	7/13/2009

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		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0907131	**Collection Date:**	7/8/2009 9:21:00 AM
Project:	Nutt Dairy	**Date Received:**	7/8/2009
Lab ID:	0907131-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	310	2.0		mg/L	20	7/9/2009 12:11:57 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	7/9/2009 12:11:57 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	4600	1000		mg/L	1	7/10/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	500	20		mg/L	1	7/13/2009

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		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-May-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0905131	**Collection Date:**	5/7/2009 1:55:00 PM
Project:	Nutt Dairy	**Date Received:**	5/8/2009
Lab ID:	0905131-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	12	0.10		mg/L	1	5/8/2009 9:54:18 PM
Nitrogen, Nitrate (As N)	1.8	0.10		mg/L	1	5/8/2009 9:54:18 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	260	20		mg/L	1	5/14/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	1.4	1.0		mg/L	1	5/13/2009

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-1391

Nutt Dairy Site Map

Discharge Permit: DP# 1391
Permitted discharge: 25,000 GPD

T20S, R5W, Sec. 5 & 8
Hatch, Luna County, NM
32°35'14", 107°22'25"

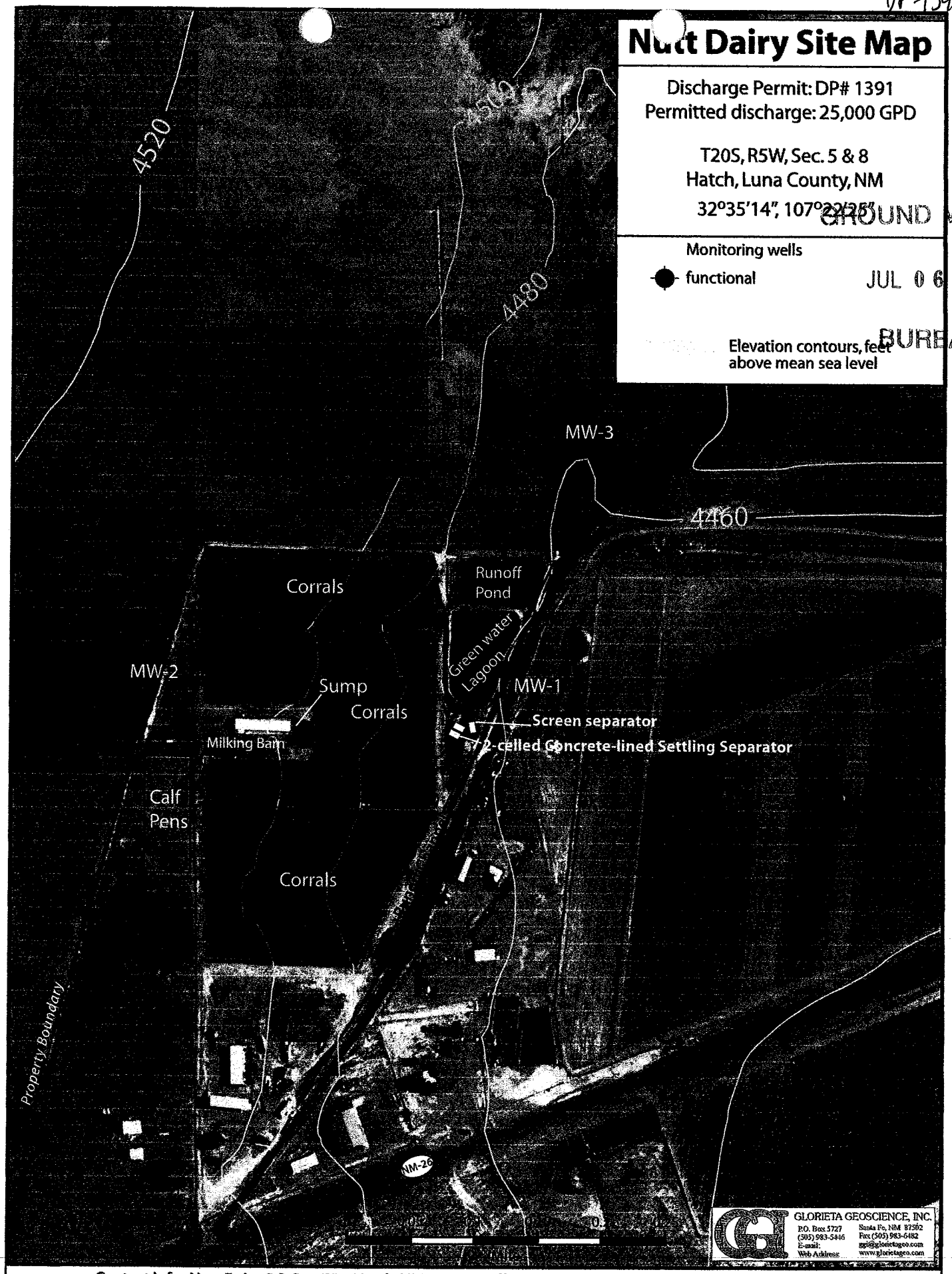
GROUND WAT

JUL 0 6 2009

BUREAU

Monitoring wells
functional

Elevation contours, feet above mean sea level



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

Contact Info: Nutt Dairy, P.O. Box 751, Hatch, NM 87937 Office: 505-267-9217 Cell: 505-869-0837

DP-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *19-May-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0905131	**Collection Date:**	5/7/2009 2:20:00 PM
Project:	Nutt Dairy	**Date Received:**	5/8/2009
Lab ID:	0905131-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						**Analyst: TAF**
Chloride	300	1.0		mg/L	10	5/8/2009 10:29:07 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/8/2009 10:29:07 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						**Analyst: KMS**
Total Dissolved Solids	4600	2000		mg/L	1	5/14/2009
SM 4500 NORG C: TKN						**Analyst: KMS**
Nitrogen, Kjeldahl, Total	630	20		mg/L	1	5/13/2009

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

QA/QC SUMMARY REPORT

Client: Glorieta GeoScience
Project: Nutt Dairy
Work Order: 0905131

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: R33596		Analysis Date: 5/8/2009 11:27:37 AM		
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sample ID: LCS		*LCS*			Batch ID: R33596		Analysis Date: 5/8/2009 11:45:02 AM		
Chloride	5.057	mg/L	0.10	101	90	110			
Nitrogen, Nitrate (As N)	2.559	mg/L	0.10	102	90	110			
Method: SM2540C MOD: Total Dissolved Solids									
Sample ID: MB-19083		*MBLK*			Batch ID: 19083		Analysis Date: 5/14/2009		
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-19083		*LCS*			Batch ID: 19083		Analysis Date: 5/14/2009		
Total Dissolved Solids	1041	mg/L	20	104	80	120			
Method: SM 4500 Norg C: TKN									
Sample ID: MB-19066		*MBLK*			Batch ID: 19066		Analysis Date: 5/13/2009		
Nitrogen, Kjeldahl, Total	ND	mg/L	1.0						
Sample ID: LCS-19066		*LCS*			Batch ID: 19066		Analysis Date: 5/13/2009		
Nitrogen, Kjeldahl, Total	9.940	mg/L	1.0	99.4	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

DP-1391
GROUND WATER

MAR 2 7 2009

BUREAU

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-1
Lab Order:	0901357	**Collection Date:**	1/26/2009 12:26:00 PM
Project:	Nutt Dairy	**Date Received:**	1/27/2009
Lab ID:	0901357-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	130	1.0		mg/L	10	1/27/2009 7:11:58 PM
Nitrogen, Nitrate (As N)	16	0.10		mg/L	1	1/27/2009 6:54:34 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	1100	100		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

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: *05-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2
Lab Order:	0901357	**Collection Date:**	1/26/2009 2:04:00 PM
Project:	Nutt Dairy	**Date Received:**	1/27/2009
Lab ID:	0901357-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	11	0.10		mg/L	1	1/27/2009 5:10:06 PM
Nitrogen, Nitrate (As N)	3.1	0.10		mg/L	1	1/27/2009 5:10:06 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	310	100		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	2/1/2009

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-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0901357	**Collection Date:**	1/26/2009 3:31:00 PM
Project:	Nutt Dairy	**Date Received:**	1/27/2009
Lab ID:	0901357-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	24	0.10		mg/L	1	1/27/2009 5:44:56 PM
Nitrogen, Nitrate (As N)	4.8	0.10		mg/L	1	1/27/2009 5:44:56 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	350	100		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

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

QA/QC SUMMARY REPORT

Client: Glorieta GeoScience
Project: Nutt Dairy **Work Order:** 0901357

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R32193**	Analysis Date:	1/27/2009 11:56:49 AM	
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sample ID: LCS		*LCS*			Batch ID:	**R32193**	Analysis Date:	1/27/2009 12:14:13 PM	
Chloride	4.849	mg/L	0.10	97.0	90	110			
Nitrogen, Nitrate (As N)	2.494	mg/L	0.10	99.8	90	110			
Method: SM 2540 C: Total Dissolved Solids									
Sample ID: MB-18184		*MBLK*			Batch ID:	**18184**	Analysis Date:	1/30/2009	
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-18184		*LCS*			Batch ID:	**18184**	Analysis Date:	1/30/2009	
Total Dissolved Solids	1009	mg/L	20	101	80	120			
Method: SM 4500 Norg C: TKN									
Sample ID: MB-18206		*MBLK*			Batch ID:	**18206**	Analysis Date:	2/1/2009	
Nitrogen, Kjeldahl, Total	ND	mg/L	1.0						
Sample ID: LCS-18206		*LCS*			Batch ID:	**18206**	Analysis Date:	2/1/2009	
Nitrogen, Kjeldahl, Total	10.22	mg/L	1.0	102	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2
Lab Order:	0810192	**Collection Date:**	10/8/2008 12:30:00 PM
Project:	Nutt Dairy	**Date Received:**	10/9/2008
Lab ID:	0810192-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	11	0.10		mg/L	1	10/9/2008 8:54:56 PM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	10/9/2008 8:54:56 PM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	370	100		mg/L	5	10/13/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	10/13/2008

Qualifiers:

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

DP-1391

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

GROUND WATER

JAN 05 2009

BUREAU

Monday, November 03, 2008

Reddy Ganta
Glorieta GeoScience
P.O. Box 5727
Santa Fe, NM 87502

TEL: (505) 983-5446
FAX (505) 983-6482

RE: Nutt Dairy

Order No.: 0810192

Dear Reddy Ganta:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 10/9/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

DP-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0810192	**Collection Date:**	10/8/2008 1:07:00 PM
Project:	Nutt Dairy	**Date Received:**	10/9/2008
Lab ID:	0810192-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	16	0.10		mg/L	1	10/9/2008 9:29:44 PM
Nitrogen, Nitrate (As N)	2.8	0.10		mg/L	1	10/9/2008 9:29:44 PM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	320	20		mg/L	1	10/13/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	10/13/2008

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Glorieta GeoScience
Project: Nutt Dairy

Work Order: 0810192

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R30624**		Analysis Date:		10/9/2008 10:28:10 AM
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sample ID: LCS		*LCS*			Batch ID: **R30624**		Analysis Date:		10/9/2008 10:45:35 AM
Chloride	5.034	mg/L	0.10	101	90	110			
Nitrogen, Nitrate (As N)	2.562	mg/L	0.10	102	90	110			
Method: SM 2540C: TDS									
Sample ID: MB-17349		*MBLK*			Batch ID: **17349**		Analysis Date:		10/13/2008
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-17349		*LCS*			Batch ID: **17349**		Analysis Date:		10/13/2008
Total Dissolved Solids	1021	mg/L	20	101	80	120			
Method: SM 4500 Norg C: TKN									
Sample ID: MB-17346		*MBLK*			Batch ID: **17346**		Analysis Date:		10/13/2008
Nitrogen, Kjeldahl, Total	ND	mg/L	1.0						
Sample ID: LCS-17346		*LCS*			Batch ID: **17346**		Analysis Date:		10/13/2008
Nitrogen, Kjeldahl, Total	10.22	mg/L	1.0	102	80	120			

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *25-Sep-08*

OCT 3 0 2008

BUREAU

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2
Lab Order:	0809331	**Collection Date:**	9/16/2008 10:36:00 AM
Project:	Nutt Dairy	**Date Received:**	9/16/2008
Lab ID:	0809331-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	11	0.10		mg/L	1	9/17/2008 10:47:19 AM
Nitrogen, Nitrate (As N)	3.3	0.10		mg/L	1	9/17/2008 10:47:19 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	320	40		mg/L	1	9/18/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	9/18/2008

Qualifiers:			
*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	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-1391

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

GROUND WATER

OCT 3 0 2008

BUREAU

Thursday, September 25, 2008

Reddy Ganta
Glorieta GeoScience
P.O. Box 5727
Santa Fe, NM 87502

TEL: (505) 983-5446
FAX (505) 983-6482

RE: Nutt Dairy

Order No.: 0809331

Dear Reddy Ganta:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 9/16/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

DP-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *25-Sep-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0809331	**Collection Date:**	9/16/2008 9:50:00 AM
Project:	Nutt Dairy	**Date Received:**	9/16/2008
Lab ID:	0809331-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	23	0.10		mg/L	1	9/17/2008 11:39:31 AM
Nitrogen, Nitrate (As N)	4.5	0.10		mg/L	1	9/17/2008 11:39:31 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	370	20		mg/L	1	9/18/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	9/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	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: *25-Sep-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0809331	**Collection Date:**	9/16/2008 10:16:00 AM
Project:	Nutt Dairy	**Date Received:**	9/16/2008
Lab ID:	0809331-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	390	2.0		mg/L	20	9/17/2008 11:56:56 AM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	9/17/2008 11:56:56 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	4200	400		mg/L	1	9/19/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	420	10		mg/L	1	9/18/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	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-1391

GROUND WATE

OCT 0 2 2008

BUREAU

Hall Environmental Analysis Laboratory, Inc.

Date: *20-Aug-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2
Lab Order:	0808210	**Collection Date:**	8/12/2008 10:35:00 AM
Project:	Nutt Dairy	**Date Received:**	8/12/2008
Lab ID:	0808210-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	11	0.10		mg/L	1	8/13/2008 1:08:23 PM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	8/13/2008 1:08:23 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	340	20		mg/L	1	8/13/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	8/14/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	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		

GROUND WATER
OCT 0 2 2008
BUREAU

Hall Environmental Analysis Laboratory, Inc.

Date: *20-Aug-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0808210	**Collection Date:**	8/12/2008 11:18:00 AM
Project:	Nutt Dairy	**Date Received:**	8/12/2008
Lab ID:	0808210-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	24	0.10		mg/L	1	8/13/2008 1:25:48 PM
Nitrogen, Nitrate (As N)	4.4	0.10		mg/L	1	8/13/2008 1:25:48 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	390	20		mg/L	1	8/13/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	8/14/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	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-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *20-Aug-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon-S
Lab Order:	0808210	**Collection Date:**	8/12/2008 11:48:00 AM
Project:	Nutt Dairy	**Date Received:**	8/12/2008
Lab ID:	0808210-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	420	2.0		mg/L	20	8/13/2008 1:43:12 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	8/13/2008 1:43:12 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	5100	400		mg/L	1	8/14/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	440	10		mg/L	1	8/14/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	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		

QA/QC SUMMARY REPORT

Client: Glorieta GeoScience
Project: Nutt Dairy

Work Order: 0808210

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R29778**		Analysis Date:		8/13/2008 11:06:31 AM
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sample ID: LCS		*LCS*			Batch ID: **R29778**		Analysis Date:		8/13/2008 11:23:56 AM
Chloride	5.047	mg/L	0.10	101	90	110			
Nitrogen, Nitrate (As N)	2.549	mg/L	0.10	102	90	110			
Sample ID: LCS-New		*LCS*			Batch ID: **R29778**		Analysis Date:		8/13/2008 4:37:19 PM
Chloride	5.060	mg/L	0.10	101	90	110			
Nitrogen, Nitrate (As N)	2.468	mg/L	0.10	98.7	90	110			
Method: SM 2540C Total Dissolved Solids									
Sample ID: MB-16764		*MBLK*			Batch ID: **16764**		Analysis Date:		8/13/2008
Total Dissolved Solids	ND	mg/L	20						
Sample ID: MB-16782		*MBLK*			Batch ID: **16782**		Analysis Date:		8/14/2008
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-16764		*LCS*			Batch ID: **16764**		Analysis Date:		8/13/2008
Total Dissolved Solids	1022	mg/L	20	102	80	120			
Sample ID: LCS-16782		*LCS*			Batch ID: **16782**		Analysis Date:		8/14/2008
Total Dissolved Solids	1004	mg/L	20	100	80	120			
Method: SM4500-Norg C: TKN									
Sample ID: MB-16776		*MBLK*			Batch ID: **16776**		Analysis Date:		8/14/2008
Nitrogen, Kjeldahl, Total	ND	mg/L	1.0						
Sample ID: LCS-16776		*LCS*			Batch ID: **16776**		Analysis Date:		8/14/2008
Nitrogen, Kjeldahl, Total	10.36	mg/L	1.0	104	80	120			

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

DP-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *26-Jun-07*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2
Lab Order:	0706112	**Collection Date:**	6/7/2007 7:33:00 AM
Project:	Nutt Dairy	**Date Received:**	6/7/2007
Lab ID:	0706112-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: CMS
Chloride	11	0.10		mg/L	1	6/8/2007 3:28:53 AM
Nitrogen, Nitrate (As N)	3.3	0.10		mg/L	1	6/8/2007 3:28:53 AM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	330	100		mg/L	1	6/13/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/25/2007

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *26-Jun-07*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon N
Lab Order:	0706112	**Collection Date:**	6/7/2007 7:50:00 AM
Project:	Nutt Dairy	**Date Received:**	6/7/2007
Lab ID:	0706112-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						**Analyst: CMS**
Chloride	530	2.0		mg/L	20	6/8/2007 4:03:42 AM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	6/8/2007 4:03:42 AM
EPA METHOD 160.1: TDS						**Analyst: TAF**
Total Dissolved Solids	6700	400		mg/L	1	6/13/2007
EPA METHOD 351.3: TKN						**Analyst: SLB**
Nitrogen, Kjeldahl, Total	240	10		mg/L	1	6/25/2007

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	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-1391

Hall Environmental Analysis Laboratory, Inc.

Date: *26-Jun-07*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon S
Lab Order:	0706112	**Collection Date:**	6/7/2007 7:58:00 AM
Project:	Nutt Dairy	**Date Received:**	6/7/2007
Lab ID:	0706112-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: CMS
Chloride	270	2.0		mg/L	20	6/8/2007 4:38:32 AM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	6/8/2007 4:38:32 AM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	4600	400		mg/L	1	6/13/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	370	10		mg/L	1	6/25/2007

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Glorieta GeoScience
Project: Nutt Dairy
Work Order: 0706112

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: E300									
Sample ID: MB-13121		*MBLK*			Batch ID: R23927		Analysis Date: 6/7/2007 12:06:12 PM		
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sample ID: MB		*MBLK*			Batch ID: R23927		Analysis Date: 6/7/2007 12:58:25 PM		
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sample ID: LCS-13121		*LCS*			Batch ID: R23927		Analysis Date: 6/7/2007 12:23:37 PM		
Chloride	4.846	mg/L	0.10	96.9	90	110			
Nitrogen, Nitrate (As N)	2.447	mg/L	0.10	97.9	90	110			
Sample ID: LCS		*LCS*			Batch ID: R23927		Analysis Date: 6/7/2007 1:15:50 PM		
Chloride	4.823	mg/L	0.10	96.5	90	110			
Nitrogen, Nitrate (As N)	2.477	mg/L	0.10	99.1	90	110			
Method: E160.1									
Sample ID: MB-13173		*MBLK*			Batch ID: 13173		Analysis Date: 6/13/2007		
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-13173		*LCS*			Batch ID: 13173		Analysis Date: 6/13/2007		
Total Dissolved Solids	1009	mg/L	20	101	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

GROUND WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-09*

OCT 06 2009

CLIENT: Glorieta GeoScience
Lab Order: 0907131
Project: Nutt Dairy
Lab ID: 0907131-02

Client Sample ID: MW-2
Collection Date: 7/8/2009 8:13:00 AM
Date Received: 7/8/2009
Matrix: AQUEOUS

BUREAU

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	11	0.10		mg/L	1	7/9/2009 11:02:19 AM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	7/9/2009 11:02:19 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	430	200		mg/L	1	7/10/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/13/2009

DP-1391

Upgradient MW associated with the highest NO_3-N reported

Qualifiers:

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

1391

GROUND WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jul-09*

OCT 06 2009

BUREAU

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-1
Lab Order:	0907131	**Collection Date:**	7/8/2009 9:53:00 AM
Project:	Nutt Dairy	**Date Received:**	7/8/2009
Lab ID:	0907131-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	130	1.0		mg/L	10	7/9/2009 4:15:42 PM
Nitrogen, Nitrate (As N)	17	1.0		mg/L	10	7/9/2009 4:15:42 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	1140	20.0		mg/L	1	7/10/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	7/13/2009

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		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-May-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0905131	**Collection Date:**	5/7/2009 2:20:00 PM
Project:	Nutt Dairy	**Date Received:**	5/8/2009
Lab ID:	0905131-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						**Analyst: TAF**
Chloride	300	1.0		mg/L	10	5/8/2009 10:29:07 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/8/2009 10:29:07 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						**Analyst: KMS**
Total Dissolved Solids	4600	2000		mg/L	1	5/14/2009
SM 4500 NORG C: TKN						**Analyst: KMS**
Nitrogen, Kjeldahl, Total	630	20		mg/L	1	5/13/2009

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		

1391

ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes

B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

GL ENVIRONMENTAL, INC.
attn: **MATTHEW LANE**
4200 MEADOWLARK LN SUITE 1A
RIO RANCHO NM 87124

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **GL ENVIRONMENTAL, INC.**
Project: **S&T DAIRY**
Order: **0506705 TUR01E** Receipt: **06-30-05**

For [signature]
William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***S&T LAGOON*** Collected: *06-30-05 11:00:00* By: *ML*
Matrix: ***GRAB***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0506705-01A		**EPA 160.1 Total Dissolved Solids**					By:	JPH		
WTDS05074	WC.2005.1861.13	10-33-3	Total Dissolved Solids	3360	mg/L	1	10		07-06-05	07-08-05
0506705-01A		**EPA 300.0 Anions by IC**					By:	JTK		
W05501	WC.2005.1792.30	16887-00-6	Chloride	291	mg/L	100	0.05		07-01-05	07-02-05
W05501	WC.2005.1792.16	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		07-01-05	07-02-05
0506705-01B		**SM 4500-N & NH3B,C**					By:	JPH		
W05545	WC.2005.1977.25	7727-37-9	Kjeldahl Nitrogen, Total	160	mg/L	250	0.2		07-21-05	07-21-05

Sample: ***S&T MON. WELL WEST*** Collected: *06-30-05 12:00:00* By: *ML*
Matrix: ***GRAB*** mw 2

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0506705-02A		**EPA 160.1 Total Dissolved Solids**					By:	JPH		
WTDS05074	WC.2005.1861.14	10-33-3	Total Dissolved Solids	341	mg/L	1	10		07-06-05	07-08-05
0506705-02A		**EPA 300.0 Anions by IC**					By:	JTK		
W05501	WC.2005.1792.17	16887-00-6	Chloride	10.5	mg/L	10	0.05		07-01-05	07-02-05
W05501	WC.2005.1792.17	14797-65-0	Nitrate, as N	2.97	mg/L	10	0.05		07-01-05	07-02-05
0506705-02B		**SM 4500-N & NH3B,C**					By:	JPH		
W05545	WC.2005.1977.26	7727-37-9	Kjeldahl Nitrogen, Total	0.4	mg/L	1	0.2		07-21-05	07-21-05

REPRODUCTION OF THIS REPORT IN LESS THAN FULL REQUIRES THE WRITTEN CONSENT OF AAL.
THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

Client: **GL ENVIRONMENTAL, INC.**
Project: **TURNER DAIRY**
Order: **0304503 TUR01E** Receipt: **04-23-03**

Sample: ***#9 S MONITORING #1*** Collected: *04-23-03 12:45:00* By: *ML*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0304503-09A		**EPA 300.0 Anions by IC**						By: DAW		
W03148	WC.2003.1075.17	16887-00-6	Chloride	22.0	mg / L	10	0.05		05-01-03	05-01-03
W03148	WC.2003.1075.17	14797-65-0	Nitrate, as N	2.24	mg / L	10	0.05		05-01-03	05-01-03
0304503-09A		**SM 4500-N & NH3B,C**						By: SGS		
W03151	WC.2003.1052.25		Kjeldahl Nitrogen, Total	1.1	mg / L	1	0.2		04-28-03	04-30-03

Sample: ***#10 S MONITORING #1*** Collected: *04-23-03 12:45:00* By: *ML*
trix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0304503-10A		**EPA 160.1 Total Dissolved Solids**						By: MVR		
WTDS-03-022	WC.2003.1038.12		Total Dissolved Solids	1290	mg/L	1	10		04-28-03	04-29-03

Sample: ***#11 S MONITORING #2*** Collected: *04-23-03 13:15:00* By: *ML*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0304503-11A		**EPA 300.0 Anions by IC**						By: DAW		
W03148	WC.2003.1075.18	16887-00-6	Chloride	138	mg / L	10	0.05		05-01-03	05-01-03
W03148	WC.2003.1075.18	14797-65-0	Nitrate, as N	21.1	mg / L	10	0.05		05-01-03	05-01-03
0304503-11A		**SM 4500-N & NH3B,C**						By: SGS		
W03151	WC.2003.1052.26		Kjeldahl Nitrogen, Total	0.3	mg / L	1	0.2		04-29-03	04-30-03

Sample: ***#12 S MONITORING #2*** Collected: *04-23-03 13:15:00* By: *ML*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0304503-12A		**EPA 160.1 Total Dissolved Solids**						By: MVR		
TDS-03-022	WC.2003.1038.13		Total Dissolved Solids	1030	mg/L	1	10		04-28-03	04-29-03