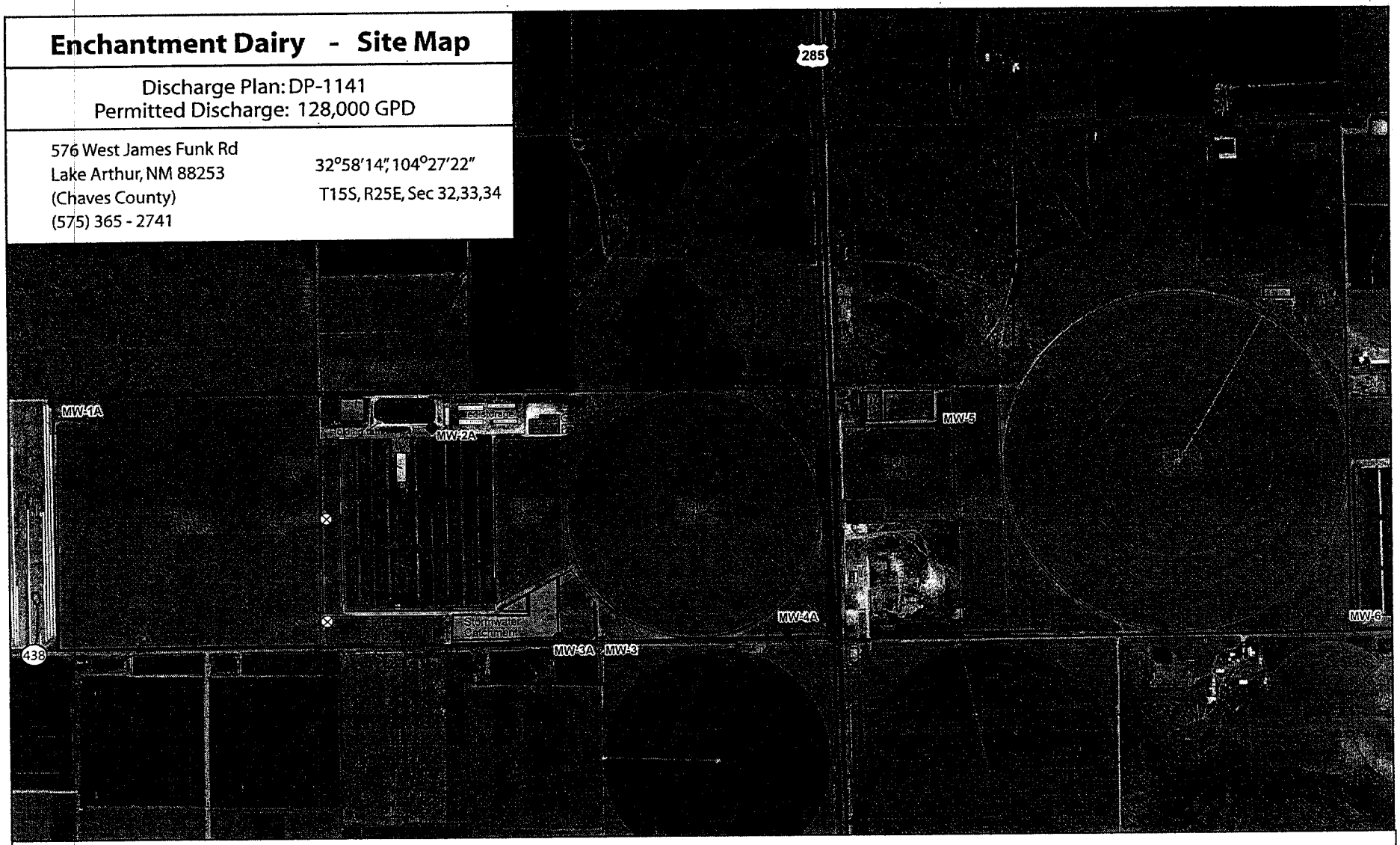
Enchantment Dairy - Site Map

Discharge Plan: DP-1141
Permitted Discharge: 128,000 GPD

576 West James Funk Rd
Lake Arthur, NM 88253
(Chaves County)
(575) 365 - 2741

32°58'14", 104°27'22"
T15S, R25E, Sec 32,33,34



Legend

- Monitoring well
- Production well
- Direction of surface flow
- Area enclosed by earthen berm
- Earthen berm

0 0.125 0.25 0.5 Miles

N

GLORIETA GEOSCIENCE, INC.
P.O. Box 5725 Santa Fe, NM 87502
(505)983-5446 Fax (505)983-6482
E-mail: gg@glorietageo.com

DP-1141

4 recent GW

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 1A
Lab Order:	0907268	**Collection Date:**	7/14/2009 7:56:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	97	2.0		mg/L	20	7/16/2009 5:02:13 AM
Nitrogen, Nitrate (As N)	3.6	0.10		mg/L	1	7/16/2009 4:44:49 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2840	20.0		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	7/22/2009

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: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 2A
Lab Order:	0907268	**Collection Date:**	7/14/2009 8:18:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	85	2.0		mg/L	20	7/16/2009 5:37:01 AM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	7/16/2009 5:19:37 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2850	20.0		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	7/22/2009

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: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 3
Lab Order:	0907268	**Collection Date:**	7/14/2009 9:40:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	120	2.0		mg/L	20	7/16/2009 9:40:45 AM
Nitrate (As N)+Nitrite (As N)	14	1.0		mg/L	5	7/20/2009 6:21:41 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2950	20.0		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	7/22/2009

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: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 3A
Lab Order:	0907268	**Collection Date:**	7/14/2009 9:16:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	71	2.0		mg/L	20	7/16/2009 9:05:55 AM
Nitrogen, Nitrate (As N)	15	2.0		mg/L	20	7/16/2009 9:05:55 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2790	40.0		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	7/22/2009

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: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 4A
Lab Order:	0907268	**Collection Date:**	7/14/2009 10:12:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	630	5.0		mg/L	50	7/20/2009 5:29:27 PM
Nitrate (As N)+Nitrite (As N)	62	2.0		mg/L	10	7/21/2009 3:23:05 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	3960	200		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/22/2009

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: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 5
Lab Order:	0907268	**Collection Date:**	7/14/2009 11:27:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	470	5.0		mg/L	50	7/21/2009 2:13:28 PM
Nitrate (As N)+Nitrite (As N)	61	1.0		mg/L	5	7/20/2009 6:04:17 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	4800	20.0		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/22/2009

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: *24-Jul-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW 6
Lab Order:	0907268	**Collection Date:**	7/14/2009 10:53:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	44	1.0		mg/L	10	7/20/2009 6:39:06 PM
Nitrate (As N)+Nitrite (As N)	5.2	1.0		mg/L	5	7/20/2009 6:56:31 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2520	20.0		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	7/22/2009

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: *24-Apr-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-1A
Lab Order:	0904034	**Collection Date:**	4/1/2009 10:55:00 AM
Project:	Enchantment Dairy	**Date Received:**	4/2/2009
Lab ID:	0904034-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	91	1.0		mg/L	10	4/2/2009 8:10:18 PM
Nitrogen, Nitrate (As N)	2.6	0.10		mg/L	1	4/2/2009 7:52:54 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **DMG**
Total Dissolved Solids	1500	200		mg/L	1	4/8/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	4/8/2009

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: *24-Apr-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2A
Lab Order:	0904034	**Collection Date:**	4/1/2009 11:45:00 AM
Project:	Enchantment Dairy	**Date Received:**	4/2/2009
Lab ID:	0904034-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	81	1.0		mg/L	10	4/2/2009 9:19:57 PM
Nitrogen, Nitrate (As N)	3.1	0.10		mg/L	1	4/2/2009 8:27:43 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: DMG
Total Dissolved Solids	2100	200		mg/L	1	4/8/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	4/9/2009

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: *24-Apr-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3A
Lab Order:	0904034	**Collection Date:**	4/1/2009 12:25:00 PM
Project:	Enchantment Dairy	**Date Received:**	4/2/2009
Lab ID:	0904034-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	82	1.0		mg/L	10	4/2/2009 10:29:36 PM
Nitrogen, Nitrate (As N)	22	1.0		mg/L	10	4/2/2009 10:29:36 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: DMG
Total Dissolved Solids	2700	40		mg/L	1	4/13/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	4/9/2009

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: *24-Apr-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0904034	**Collection Date:**	4/1/2009 12:55:00 PM
Project:	Enchantment Dairy	**Date Received:**	4/2/2009
Lab ID:	0904034-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	130	1.0		mg/L	10	4/2/2009 11:04:25 PM
Nitrogen, Nitrate (As N)	14	0.10		mg/L	1	4/2/2009 10:47:01 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: DMG
Total Dissolved Solids	2500	200		mg/L	1	4/8/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	4/9/2009

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: *24-Apr-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-4A
Lab Order:	0904034	**Collection Date:**	4/1/2009 1:15:00 PM
Project:	Enchantment Dairy	**Date Received:**	4/2/2009
Lab ID:	0904034-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	590	2.0		mg/L	20	4/23/2009 9:42:43 PM
Nitrogen, Nitrate (As N)	59	1.0		mg/L	10	4/2/2009 11:39:15 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: DMG
Total Dissolved Solids	3200	400		mg/L	1	4/8/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	4/9/2009

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: *24-Apr-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-5
Lab Order:	0904034	**Collection Date:**	4/1/2009 2:05:00 PM
Project:	Enchantment Dairy	**Date Received:**	4/2/2009
Lab ID:	0904034-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	400	1.0		mg/L	10	4/3/2009 12:48:53 AM
Nitrogen, Nitrate (As N)	54	1.0		mg/L	10	4/3/2009 12:48:53 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: DMG
Total Dissolved Solids	4200	200		mg/L	1	4/8/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	4/9/2009

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: *27-May-09*

CLIENT: Glorieta GeoScience
Lab Order: 0905268
Project: Enchantment Dairy
Lab ID: 0905268-01

Client Sample ID: MW-6
Collection Date: 5/12/2009 3:22:00 PM
Date Received: 5/14/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	41	0.50		mg/L	5	5/21/2009 5:17:44 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2500	20		mg/L	1	5/15/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/19/2009

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		

GROUND WATE...

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Feb-09*

JUN 1 1 2009

BUREAU

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-1A
Lab Order:	0901419	**Collection Date:**	1/28/2009 10:40:00 AM
Project:	Enchantment Dairy	**Date Received:**	1/29/2009
Lab ID:	0901419-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	91	1.0		mg/L	10	1/29/2009 6:42:46 PM
Nitrogen, Nitrate (As N)	2.7	0.10		mg/L	1	1/29/2009 6:25:21 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2800	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	2/3/2009

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: *10-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2A
Lab Order:	0901419	**Collection Date:**	1/28/2009 11:02:00 AM
Project:	Enchantment Dairy	**Date Received:**	1/29/2009
Lab ID:	0901419-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	87	1.0		mg/L	10	1/29/2009 7:17:35 PM
Nitrogen, Nitrate (As N)	3.3	0.10		mg/L	1	1/29/2009 7:00:10 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3000	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/31/2009

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: *10-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3A
Lab Order:	0901419	**Collection Date:**	1/28/2009 11:26:00 AM
Project:	Enchantment Dairy	**Date Received:**	1/29/2009
Lab ID:	0901419-03	**Matrix:**	AQUBOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	92	1.0		mg/L	10	1/29/2009 8:27:12 PM
Nitrogen, Nitrate (As N)	24	1.0		mg/L	10	1/29/2009 8:27:12 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2900	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	1/31/2009

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: *10-Feb-09*

CLIENT: Glorieta GeoScience
Lab Order: 0901419
Project: Enchantment Dairy
Lab ID: 0901419-04

Client Sample ID: MW-3
Collection Date: 1/28/2009 1:04:00 PM
Date Received: 1/29/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	120	1.0		mg/L	10	1/29/2009 9:36:51 PM
Nitrogen, Nitrate (As N)	13	0.10		mg/L	1	1/29/2009 9:19:26 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3000	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	1/31/2009

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: *10-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-4A
Lab Order:	0901419	**Collection Date:**	1/28/2009 1:15:00 PM
Project:	Enchantment Dairy	**Date Received:**	1/29/2009
Lab ID:	0901419-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	530	2.0		mg/L	20	1/29/2009 10:11:40 PM
Nitrogen, Nitrate (As N)	57	1.0		mg/L	10	1/29/2009 9:54:16 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	4000	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	1/31/2009

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: *10-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-5
Lab Order:	0901419	**Collection Date:**	1/28/2009 1:47:00 PM
Project:	Enchantment Dairy	**Date Received:**	1/29/2009
Lab ID:	0901419-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	500	2.0		mg/L	20	1/29/2009 10:46:28 PM
Nitrogen, Nitrate (As N)	49	1.0		mg/L	10	1/29/2009 10:29:04 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	4900	200		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	1/31/2009

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: *10-Feb-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-6
Lab Order:	0901419	**Collection Date:**	1/28/2009 2:21:00 PM
Project:	Enchantment Dairy	**Date Received:**	1/29/2009
Lab ID:	0901419-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	39	0.10		mg/L	1	1/29/2009 11:38:43 PM
Nitrogen, Nitrate (As N)	5.1	0.10		mg/L	1	1/29/2009 11:38:43 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2500	100		mg/L	1	1/30/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/31/2009

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: *14-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-1A
Lab Order:	0811038	**Collection Date:**	11/3/2008 11:48:00 AM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	100	1.0		mg/L	10	11/5/2008 3:54:03 PM
Nitrogen, Nitrate (As N)	4.1	0.10		mg/L	1	11/5/2008 11:15:30 AM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	3000	20		mg/L	1	11/6/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	11/5/2008

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-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-2A
Lab Order:	0811038	**Collection Date:**	11/3/2008 12:28:00 PM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	86	1.0		mg/L	10	11/5/2008 4:11:27 PM
Nitrogen, Nitrate (As N)	7.0	0.10		mg/L	1	11/5/2008 11:32:55 AM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	2900	20		mg/L	1	11/6/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	11/11/2008

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-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3A
Lab Order:	0811038	**Collection Date:**	11/3/2008 12:59:00 PM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	110	1.0		mg/L	10	11/5/2008 12:07:44 PM
Nitrogen, Nitrate (As N)	24	1.0		mg/L	10	11/5/2008 12:07:44 PM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	2800	20		mg/L	1	11/6/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	11/11/2008

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-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-3
Lab Order:	0811038	**Collection Date:**	11/3/2008 1:23:00 PM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	120	1.0		mg/L	10	11/5/2008 5:21:05 PM
Nitrogen, Nitrate (As N)	14	0.10		mg/L	1	11/5/2008 12:25:08 PM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	3000	20		mg/L	1	11/6/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	11/11/2008

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-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-4A
Lab Order:	0811038	**Collection Date:**	11/3/2008 2:05:00 PM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	570	2.0		mg/L	20	11/5/2008 5:55:53 PM
Nitrogen, Nitrate (As N)	57	1.0		mg/L	10	11/5/2008 1:52:10 PM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	3800	20		mg/L	1	11/6/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	11/11/2008

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-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-5
Lab Order:	0811038	**Collection Date:**	11/3/2008 2:46:00 PM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	400	2.0		mg/L	20	11/5/2008 6:13:18 PM
Nitrogen, Nitrate (As N)	53	1.0		mg/L	10	11/5/2008 2:09:35 PM
SM 2540C: TDS						Analyst: **KMB**
Total Dissolved Solids	4600	20		mg/L	1	11/6/2008
SM 4500 NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	11/11/2008

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-Nov-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-6
Lab Order:	0811038	**Collection Date:**	11/3/2008 2:57:00 PM
Project:	Enchantment Dairy	**Date Received:**	11/5/2008
Lab ID:	0811038-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
						Analyst: **SLB**
EPA METHOD 300.0: ANIONS						
Chloride	38	1.0		mg/L	10	11/5/2008 6:30:42 PM
Nitrogen, Nitrate (As N)	5.5	0.10		mg/L	1	11/5/2008 2:26:59 PM
						Analyst: **KMB**
SM 2540C: TDS						
Total Dissolved Solids	2400	20		mg/L	1	11/6/2008
						Analyst: **TAF**
SM 4500 NORG C: TKN						
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	11/11/2008

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		

4 recent WW

GROUND WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Jul-09*

NOV 0 5 2009

BUREAU

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0907268	**Collection Date:**	7/14/2009 8:35:00 AM
Project:	Winchester Dairy	**Date Received:**	7/15/2009
Lab ID:	0907268-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	430	5.0		mg/L	50	7/20/2009 5:12:02 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	7/16/2009 6:29:15 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3860	400		mg/L	1	7/20/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	240	20		mg/L	1	7/22/2009

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: *27-May-09*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0905268	**Collection Date:**	5/12/2009 3:20:00 PM
Project:	Enchantment Dairy	**Date Received:**	5/14/2009
Lab ID:	0905268-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	480	2.0		mg/L	20	5/20/2009 11:01:01 AM
Nitrate (As N)+Nitrite (As N)	ND	2.0		mg/L	10	5/20/2009 3:11:00 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	4100	400		mg/L	1	5/15/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	340	20		mg/L	1	5/19/2009

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: *04-Sep-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0808234	**Collection Date:**	8/13/2008 8:46:00 AM
Project:	Enchantment Dairy	**Date Received:**	8/14/2008
Lab ID:	0808234-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	250	1.0		mg/L	10	8/14/2008 9:03:31 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	8/14/2008 9:03:31 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	3100	100		mg/L	1	8/15/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	180	10		mg/L	1	8/18/2008

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: *15-May-08*

CLIENT: Glorieta GeoScience
Lab Order: 0804357
Project: Enchantment Dairy
Lab ID: 0804357-04

Client Sample ID: Lagoon
Collection Date: 4/29/2008 1:50:00 PM
Date Received: 4/30/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	100	0.50		mg/L	5	4/30/2008 9:25:52 PM
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	4/30/2008 9:25:52 PM
SM 2540C: TDS						Analyst: KMS
Total Dissolved Solids	2000	2000		mg/L	1	5/2/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	440	10		mg/L	1	5/1/2008

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		

OP-1141

Hall Environmental Analysis Laboratory, Inc.

Date: *25-Aug-06*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	Lagoon
Lab Order:	0608176	**Collection Date:**	8/11/2006 10:15:00 AM
Project:	Enchantment Dairy	**Date Received:**	8/15/2006
Lab ID:	0608176-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	210	1.0		mg/L	10	8/19/2006 1:54:03 AM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	8/19/2006 4:30:44 AM
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	2400	40		mg/L	1	8/16/2006
EPA METHOD 351.3: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	130	10		mg/L	1	8/22/2006

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	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Lowest WW

IN DP-1141

Hall Environmental Analysis Laboratory, Inc.

Date: *26-Dec-07*

CLIENT: Glorieta GeoScience
Lab Order: 0712171
Project: Enchantment Dairy
Lab ID: 0712171-01

Client Sample ID: MW #5
Collection Date: 12/11/2007 10:42:00 AM
Date Received: 12/12/2007
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SMP**
Chloride	830	5.0		mg/L	50	12/13/2007 2:47:11 PM
Nitrogen, Nitrate (As N)	110	1.0		mg/L	10	12/13/2007 10:08:38 AM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	5800	20		mg/L	1	12/17/2007
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	12/17/2007

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		

Highest GW, MW-5
old land APP

DP-1141

all Environmental Analysis Laboratory, Inc.

Date: *18-Feb-08*

CLIENT:	Glorieta GeoScience	**Client Sample ID:**	MW-#3A
Lab Order:	0802054	**Collection Date:**	2/2/2008 11:31:00 AM
Project:	Enchantment Dairy	**Date Received:**	2/5/2008
Lab ID:	0802054-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	110	1.0		mg/L	10	2/6/2008 10:24:59 PM
Nitrate (As N)+Nitrite (As N)	30	1.0		mg/L	5	2/6/2008 10:42:24 PM
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	2900	20		mg/L	1	2/8/2008
SM4500-NORG C: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	2/11/2008

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		

Highest GW, MW-3A
SW

DP-1141

Hall Environmental Analysis Laboratory

Date: *22-Apr-05*

CLIENT: Glorieta GeoScience
Lab Order: 0504060
Project: Enchantment Dairy
Lab ID: 0504060-05

Client Sample ID: MW-4A
Collection Date: 4/4/2005 2:15:00 PM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **MAP**
Chloride	440	2.0		mg/L	20	4/21/2005
Nitrate (As N)+Nitrite (As N)	90	0.50		mg/L	5	4/21/2005
EPA METHOD 160.1: TDS						Analyst: **MAP**
Total Dissolved Solids	3800	50		mg/L	1	4/12/2005
EPA METHOD 351.3: TKN						Analyst: **CMC**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	4/13/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Highest GW: MW-4A
Field 4