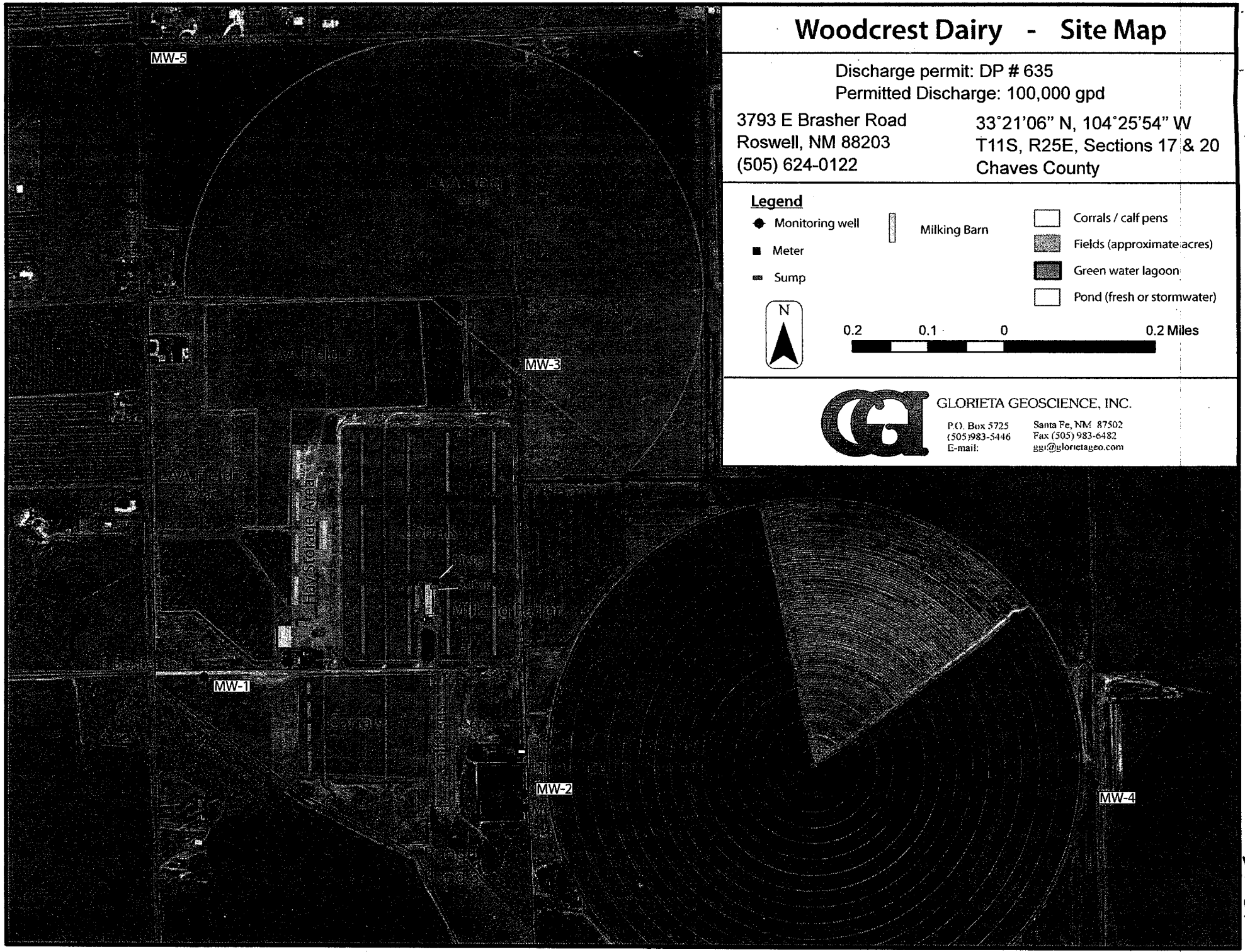

Woodcrest Dairy - Site Map

Discharge permit: DP # 635
Permitted Discharge: 100,000 gpd

3793 E Brasher Road
Roswell, NM 88203
(505) 624-0122

33°21'06" N, 104°25'54" W
T11S, R25E, Sections 17 & 20
Chaves County

Legend

- Monitoring well
- Meter
- Sump
- Milking Barn
- Corrals / calf pens
- Fields (approximate acres)
- Green water lagoon
- Pond (fresh or stormwater)

N

0.2 0.1 0 0.2 Miles

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

DP-635

DP-635

DP-635

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-1
Lab Order:	0907459	**Collection Date:**	7/23/2009 2:59:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2009
Lab ID:	0907459-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	610	5.0		mg/L	50	7/24/2009 4:48:24 PM
Nitrogen, Nitrate (As N)	8.5	0.10		mg/L	1	7/24/2009 4:13:35 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	4370	20.0		mg/L	1	7/27/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	7/29/2009

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: *30-Jul-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-2
Lab Order:	0907459	**Collection Date:**	7/23/2009 1:18:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2009
Lab ID:	0907459-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	440	5.0		mg/L	50	7/24/2009 5:23:14 PM
Nitrogen, Nitrate (As N)	7.8	0.10		mg/L	1	7/24/2009 5:05:49 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	4120	200		mg/L	1	7/27/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/29/2009

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		

OP-6

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-3
Lab Order:	0907459	**Collection Date:**	7/23/2009 2:03:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2009
Lab ID:	0907459-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	1700	10		mg/L	100	7/24/2009 6:50:16 PM
Nitrogen, Nitrate (As N)	11	0.10		mg/L	1	7/24/2009 5:40:38 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	5700	400		mg/L	1	7/27/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/29/2009

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: *30-Jul-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0907459	**Collection Date:**	7/23/2009 3:26:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2009
Lab ID:	0907459-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	1900	20		mg/L	200	7/27/2009 2:09:14 PM
Nitrogen, Nitrate (As N)	44	1.0		mg/L	10	7/24/2009 7:07:41 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	7470	200		mg/L	1	7/27/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/29/2009

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-635

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-5
Lab Order:	0907459	**Collection Date:**	7/23/2009 2:32:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2009
Lab ID:	0907459-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	2500	20		mg/L	200	7/24/2009 7:59:54 PM
Nitrogen, Nitrate (As N)	13	1.0		mg/L	10	7/24/2009 7:42:30 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	8050	200		mg/L	1	7/27/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/29/2009

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: *30-Jul-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0907459	**Collection Date:**	7/23/2009 1:30:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2009
Lab ID:	0907459-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	580	5.0		mg/L	50	7/24/2009 8:34:43 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	7/24/2009 8:17:18 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2790	200		mg/L	1	7/27/2009
SM 4500 NORG C: TKN						Analyst: LJB
Nitrogen, Kjeldahl, Total	140	10		mg/L	1	7/29/2009

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 WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *05-May-09*

MAY 26 2009

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-1
Lab Order:	0904313	**Collection Date:**	4/20/2009 1:46:00 PM
Project:	Woodcrest Dairy	**Date Received:**	4/21/2009
Lab ID:	0904313-01	**Matrix:**	AQUEOUS

BUREAU

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Chloride	610	2.0		mg/L	20	4/22/2009 5:26:43 PM
Nitrogen, Nitrate (As N)	11	0.10		mg/L	1	4/21/2009 6:29:46 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMP**
Total Dissolved Solids	4800	20		mg/L	1	4/22/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	4/30/2009

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 WATER
MAY 26 2009
BUREAU

Hall Environmental Analysis Laboratory, Inc.

Date: *05-May-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-2
Lab Order:	0904313	**Collection Date:**	4/20/2009 12:08:00 PM
Project:	Woodcrest Dairy	**Date Received:**	4/21/2009
Lab ID:	0904313-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Chloride	480	2.0		mg/L	20	4/22/2009 5:44:08 PM
Nitrogen, Nitrate (As N)	6.6	0.10		mg/L	1	4/21/2009 7:39:22 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMP**
Total Dissolved Solids	4300	40		mg/L	1	4/22/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	2.8	2.0		mg/L	1	4/23/2009

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 WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *05-May-09*

MAY 2 6 2009

BUREAU

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-3
Lab Order:	0904313	**Collection Date:**	4/20/2009 12:49:00 PM
Project:	Woodcrest Dairy	**Date Received:**	4/21/2009
Lab ID:	0904313-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Chloride	1400	5.0		mg/L	50	4/22/2009 6:01:32 PM
Nitrogen, Nitrate (As N)	11	1.0		mg/L	10	4/21/2009 8:31:37 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMP**
Total Dissolved Solids	5000	100		mg/L	1	4/22/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	5.6	5.0		mg/L	1	4/23/2009

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 WATER

Hall Environmental Analysis Laboratory, Inc.

Date: *05-May-09*

MAY 2 6 2009

BUREAU

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0904313	**Collection Date:**	4/20/2009 2:12:00 PM
Project:	Woodcrest Dairy	**Date Received:**	4/21/2009
Lab ID:	0904313-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	1200	5.0		mg/L	50	4/22/2009 6:53:45 PM
Nitrogen, Nitrate (As N)	25	1.0		mg/L	10	4/21/2009 9:41:16 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JMP
Total Dissolved Solids	5100	100		mg/L	1	4/22/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	13	5.0		mg/L	1	4/23/2009

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-6

Hall Environmental Analysis Laboratory, Inc.

Date: *05-May-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-5
Lab Order:	0904313	**Collection Date:**	4/20/2009 1:17:00 PM
Project:	Woodcrest Dairy	**Date Received:**	4/21/2009
Lab ID:	0904313-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	2100	10		mg/L	100	4/30/2009 3:15:27 AM
Nitrogen, Nitrate (As N)	13	1.0		mg/L	10	4/21/2009 10:16:06 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JMP
Total Dissolved Solids	6700	100		mg/L	1	4/22/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	4/24/2009

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-May-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0904313	**Collection Date:**	4/20/2009 12:18:00 PM
Project:	Woodcrest Dairy	**Date Received:**	4/21/2009
Lab ID:	0904313-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	470	2.0		mg/L	20	4/21/2009 10:33:31 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	4/21/2009 10:33:31 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMP**
Total Dissolved Solids	2600	100		mg/L	1	4/22/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	230	10		mg/L	1	4/24/2009

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-635

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #1
Lab Order:	0710153	**Collection Date:**	10/8/2007 4:30:00 PM
Project:	Woodcrest Dairy	**Date Received:**	10/8/2007
Lab ID:	0710153-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **KS**
Chloride	580	5.0		mg/L	50	10/10/2007 9:19:22 PM
Nitrogen, Nitrate (As N)	9.1	0.10		mg/L	1	10/9/2007 3:26:18 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	5000	200		mg/L	1	10/10/2007
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/11/2007

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		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #4
Lab Order:	0710153	**Collection Date:**	10/8/2007 4:58:00 PM
Project:	Woodcrest Dairy	**Date Received:**	10/8/2007
Lab ID:	0710153-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **KS**
Chloride	1000	10		mg/L	100	10/10/2007 9:36:46 PM
Nitrogen, Nitrate (As N)	31	1.0		mg/L	10	10/9/2007 4:53:22 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	6700	400		mg/L	1	10/10/2007
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	6.3	5.0		mg/L	1	10/11/2007

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-635

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #3
Lab Order:	0710153	**Collection Date:**	10/7/2007 2:11:00 PM
Project:	Woodcrest Dairy	**Date Received:**	10/8/2007
Lab ID:	0710153-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	1100	10		mg/L	100	10/10/2007 9:01:56 PM
Nitrogen, Nitrate (As N)	9.1	0.10		mg/L	1	10/8/2007 4:29:24 PM
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	5600	400		mg/L	1	10/9/2007
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/11/2007

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			

GROUND WATER

NOV 2 6 2007

BUREAU

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #2
Lab Order:	0710153	**Collection Date:**	10/7/2007 1:49:00 PM
Project:	Woodcrest Dairy	**Date Received:**	10/8/2007
Lab ID:	0710153-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	480	2.0		mg/L	20	10/10/2007 8:44:34 PM
Nitrogen, Nitrate (As N)	8.5	0.10		mg/L	1	10/8/2007 8:34:49 PM
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	4100	100		mg/L	1	10/9/2007
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	10/11/2007

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		

GROUND WATER
DP-635
NOV 2 6 2007

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

BUREAU

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #5
Lab Order:	0710153	**Collection Date:**	10/7/2007 1:26:00 PM
Project:	Woodcrest Dairy	**Date Received:**	10/8/2007
Lab ID:	0710153-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **KS**
Chloride	2200	10		mg/L	100	10/10/2007 7:52:19 PM
Nitrogen, Nitrate (As N)	12	0.10		mg/L	1	10/8/2007 3:54:35 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	7500	100		mg/L	1	10/9/2007
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	10/11/2007

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		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0710153	**Collection Date:**	10/7/2007 1:55:00 PM
Project:	Woodcrest Dairy	**Date Received:**	10/8/2007
Lab ID:	0710153-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **KS**
Chloride	530	2.0		mg/L	20	10/8/2007 9:09:37 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	10/8/2007 9:09:37 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	2800	400		mg/L	1	10/9/2007
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	230	10		mg/L	1	10/11/2007

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-635

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Aug-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#1
Lab Order:	0707296	**Collection Date:**	7/23/2007 2:47:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2007
Lab ID:	0707296-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	710	5.0		mg/L	50	7/25/2007 5:50:47 PM
Nitrogen, Nitrate (As N)	11	0.10		mg/L	1	7/24/2007 4:51:25 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	6200	400		mg/L	1	7/24/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	2.2	2.0		mg/L	1	7/30/2007

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: *01-Aug-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#3
Lab Order:	0707296	**Collection Date:**	7/23/2007 2:03:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2007
Lab ID:	0707296-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **KS**
Chloride	1100	5.0		mg/L	50	7/25/2007 5:33:23 PM
Nitrogen, Nitrate (As N)	8.8	0.10		mg/L	1	7/24/2007 4:34:01 PM
EPA METHOD 160.1: TDS						Analyst: **TAF**
Total Dissolved Solids	5100	400		mg/L	1	7/24/2007
EPA METHOD 351.3: TKN						Analyst: **SLB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	7/31/2007

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		

GROUND WATER
DP-635
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Hall Environmental Analysis Laboratory, Inc.

Date: *01-Aug-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#2
Lab Order:	0707296	**Collection Date:**	7/23/2007 1:37:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2007
Lab ID:	0707296-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	460	5.0		mg/L	50	7/25/2007 5:15:59 PM
Nitrogen, Nitrate (As N)	8.6	0.10		mg/L	1	7/24/2007 4:16:36 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	4500	200		mg/L	1	7/24/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	7/30/2007

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		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Aug-07*

CLIENT: Estes Sampling Service
Lab Order: 0707296
Project: Woodcrest Dairy
Lab ID: 0707296-01

Client Sample ID: MW#5
Collection Date: 7/23/2007 12:58:00 PM
Date Received: 7/24/2007
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	2200	10		mg/L	100	7/26/2007 4:28:40 PM
Nitrogen, Nitrate (As N)	8.1	0.10		mg/L	1	7/24/2007 3:59:12 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	7500	20		mg/L	1	7/24/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	7/30/2007

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-635

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Aug-07*

CLIENT:	Estes Sampling Service	Client Sample ID:	Monitor Well 4
Lab Order:	0707296	Collection Date:	7/25/2007 11:23:00 AM
Project:	Woodcrest Dairy	Date Received:	7/24/2007
Lab ID:	0707296-06	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	990	5.0		mg/L	50	7/30/2007 2:07:55 PM
Nitrogen, Nitrate (As N)	29	1.0		mg/L	10	7/26/2007 6:30:32 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	6200	400		mg/L	1	7/27/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	5.6	5.0		mg/L	1	7/31/2007

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: *01-Aug-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0707296	**Collection Date:**	7/23/2007 1:21:00 PM
Project:	Woodcrest Dairy	**Date Received:**	7/24/2007
Lab ID:	0707296-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: KS
Chloride	470	2.0		mg/L	20	7/24/2007 5:08:50 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	7/24/2007 5:08:50 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	3200	400		mg/L	1	7/24/2007
EPA METHOD 351.3: TKN						Analyst: SLB
Nitrogen, Kjeldahl, Total	230	10		mg/L	1	7/30/2007

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

DR-63

Hall Environmental Analysis Laboratory, Inc.

Date: *22-May-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0705026	**Collection Date:**	5/2/2007 2:35:00 PM
Project:	Woodcrest Dairy	**Date Received:**	5/3/2007
Lab ID:	0705026-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	330	2.0		mg/L	20	5/3/2007 3:19:55 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	5/3/2007 3:19:55 PM
EPA METHOD 160.1: TDS						Analyst: TAF
Total Dissolved Solids	3600	200		mg/L	1	5/7/2007
EPA METHOD 351.3: TKN						Analyst: MAP
Nitrogen, Kjeldahl, Total	280	5.0		mg/L	1	5/10/2007

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-635

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
COWBELL TESTING
ATTN: AMY MUNSON
P. O. BOX 310
HAGERMAN, NM 88232
PHONE: (505) 752-0939

RECEIVED
AUG 30 2005

Receiving Date: 07/25/05
Reporting Date: 08/06/05
Project Number: DP-635
Project Name: WOODCREST DAIRY
Project Location: 3793 E. BRASHER

Sampling Date: 07/23/05
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, CW

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		07/26/05	08/01/05	07/27/05	08/02/05
Time Analysis Batch Started:		9:35	10:00	13:00	10:00
AJ9372-1	MW 1	3270	395	0.5	4.1
AJ9372-2	MW 2	4300	555	0.3	11.1
AJ9372-3	MW 3	5815	1000	1.4	49.3
AJ9372-4	LAGOON	2460	610	120	0.10
Date Analysis Batch Finished:		07/27/05	08/01/05	07/27/05	08/02/05
Time Analysis Batch Finished:		13:00	14:30	13:00	15:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		996	50	4.89	0.466
True Value QC		1000	50	5.00	0.500
% Instrument Accuracy		100	100	98	93
% Extraction Accuracy		N/A	102	96	93
Relative Percent Difference		0	2	0	3
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

ENTERED

Mario Rodriguez, Director.

08-06-05
Date

DP-635

Advanced Analysis, Inc.

5601 19th Street Lubbock, Texas 79407 P.O. Box 16652 Lubbock,Texas 79490
Tel: (806) 796-2805 Fax : (806) 796-2825

FEB 28 2005

ANALYTICAL RESULTS FOR
COWBELL TESTING
ATTN: AMY MUNSON
P. O. BOX 310
HAGERMAN, NM 88232
PHONE: (505) 752-0939

Receiving Date: 01/18/05
Reporting Date: 02/03/05
Project Number: DP-635
Project Name: WOODCREST DAIRY
Project Location: 3793 E. BRASHER

Sampling Date: 01/17/05
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, AE

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		01/20/05	01/26/05	01/27/05	01/25/05
Time Analysis Batch Started:		15:00	14:10	9:00	15:45
AJ8518-1	✓MW 1	4300	690	< 0.2 *	20.2
AJ8518-2	✓MW 2	4160	750	< 0.2 *	9.3
AJ8518-3	✓MW 3	5605	1025	1.0	21.9
AJ8518-4	✓LAGOON	2680	290	50	0.16
Date Analysis Batch Finished:		01/21/05	01/26/05	01/27/05	01/25/05
Time Analysis Batch Finished:		10:00	17:00	15:30	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		960	50	5.18	0.4801
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		96	100	104	96
% Extraction Accuracy		N/A	98	110	103
Relative Percent Difference		5	0	2	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

02-03-05
Date