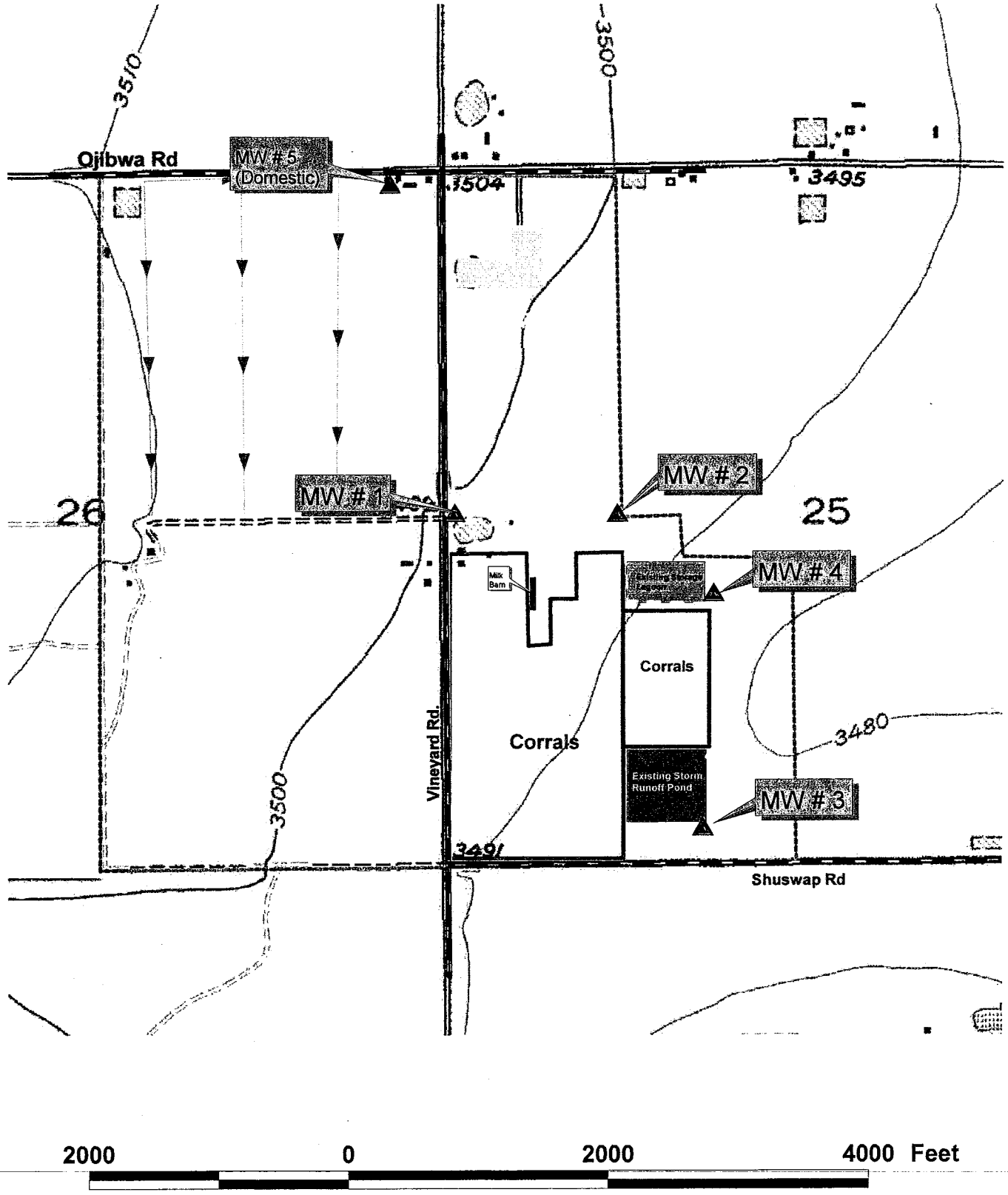
DP-606

Dexter Dairy



DP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Sep-09*

CLIENT: Estes Sampling Service
Lab Order: 0908333
Project: Dexter Dairy
Lab ID: 0908333-01

Client Sample ID: MW-1
Collection Date: 8/19/2009 2:21:00 PM
Date Received: 8/20/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	200	2.0		mg/L	20	8/20/2009 11:21:38 PM
Nitrogen, Nitrate (As N)	67	2.0		mg/L	20	8/20/2009 11:21:38 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2840	20.0		mg/L	1	8/21/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/31/2009 1:27:00 PM

Qualifiers:

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

DP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Sep-09*

CLIENT: Estes Sampling Service
Lab Order: 0908333
Project: Dexter Dairy
Lab ID: 0908333-02

Client Sample ID: MW-2
Collection Date: 8/19/2009 12:22:00 PM
Date Received: 8/20/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	63	0.50		mg/L	5	8/21/2009 12:31:16 AM
Nitrogen, Nitrate (As N)	11	0.10		mg/L	1	8/20/2009 11:39:03 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	1890	20.0		mg/L	1	8/21/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	8/31/2009 1:27:00 PM

Qualifiers:

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

DP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Sep-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-3
Lab Order:	0908333	**Collection Date:**	8/19/2009 11:26:00 AM
Project:	Dexter Dairy	**Date Received:**	8/20/2009
Lab ID:	0908333-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	190	5.0		mg/L	50	8/24/2009 9:00:42 PM
Nitrogen, Nitrate (As N)	6.2	0.10		mg/L	1	8/21/2009 12:48:41 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	2390	20.0		mg/L	1	8/21/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	8/31/2009 1:27:00 PM

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

DP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Sep-09*

CLIENT: Estes Sampling Service
Lab Order: 0908333
Project: Dexter Dairy
Lab ID: 0908333-04

Client Sample ID: MW-4
Collection Date: 8/19/2009 1:19:00 PM
Date Received: 8/20/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
						Analyst: TAF
EPA METHOD 300.0: ANIONS						
Chloride	240	2.0		mg/L	20	8/24/2009 9:18:06 PM
Nitrogen, Nitrate (As N)	72	1.0		mg/L	10	8/21/2009 1:40:55 AM
						Analyst: MMS
SM2540C MOD: TOTAL DISSOLVED SOLIDS						
Total Dissolved Solids	3440	20.0		mg/L	1	8/21/2009
						Analyst: KMS
SM 4500 NORG C: TKN						
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/31/2009 1:27:00 PM

Qualifiers:

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

DP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Sep-09*

CLIENT: Estes Sampling Service
Lab Order: 0908333
Project: Dexter Dairy
Lab ID: 0908333-05

Client Sample ID: MW-5
Collection Date: 8/19/2009 2:43:00 PM
Date Received: 8/20/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	220	2.0		mg/L	20	8/21/2009 2:15:45 AM
Nitrogen, Nitrate (As N)	100	2.0		mg/L	20	8/21/2009 2:15:45 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	3240	20.0		mg/L	1	8/21/2009
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	9/1/2009 2:28:00 PM

Qualifiers:

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

DP-60e

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Sep-09*

CLIENT: Estes Sampling Service
Lab Order: 0908333
Project: Dexter Dairy
Lab ID: 0908333-06

Client Sample ID: Lagoon
Collection Date: 8/19/2009 11:48:00 AM
Date Received: 8/20/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
						Analyst: TAF
EPA METHOD 300.0: ANIONS						
Chloride	170	1.0		mg/L	10	8/21/2009 2:33:10 AM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	8/21/2009 2:33:10 AM
						Analyst: MMS
SM2540C MOD: TOTAL DISSOLVED SOLIDS						
Total Dissolved Solids	1640	100		mg/L	1	8/21/2009
						Analyst: KMS
SM 4500 NORG C: TKN						
Nitrogen, Kjeldahl, Total	120	20		mg/L	1	9/1/2009 2:28:00 PM

Qualifiers:

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

DP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#1
Lab Order:	0808394	**Collection Date:**	8/25/2008 3:15:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	200	1.0		mg/L	10	8/26/2008 9:45:37 PM
Nitrogen, Nitrate (As N)	64	1.0		mg/L	10	8/26/2008 9:45:37 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2700	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/29/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#2
Lab Order:	0808394	**Collection Date:**	8/25/2008 2:31:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Chloride	48	1.0		mg/L	10	8/26/2008 10:37:50 PM
Nitrogen, Nitrate (As N)	8.6	0.10		mg/L	1	8/26/2008 10:20:26 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	1800	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	8/29/2008

GROUND WATER

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BUREAU

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#3
Lab Order:	0808394	**Collection Date:**	8/25/2008 1:49:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	150	1.0		mg/L	10	8/26/2008 11:12:40 PM
Nitrogen, Nitrate (As N)	5.9	0.10		mg/L	1	8/26/2008 10:55:15 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2400	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	8/29/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#4
Lab Order:	0808394	**Collection Date:**	8/25/2008 3:56:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	230	1.0		mg/L	10	8/27/2008 12:39:42 AM
Nitrogen, Nitrate (As N)	74	1.0		mg/L	10	8/27/2008 12:39:42 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3500	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/29/2008

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		

DR-606

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#5
Lab Order:	0808394	**Collection Date:**	8/25/2008 4:23:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	230	1.0		mg/L	10	8/27/2008 1:14:31 AM
Nitrogen, Nitrate (As N)	110	1.0		mg/L	10	8/27/2008 1:14:31 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3400	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/29/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0808394	**Collection Date:**	8/25/2008 4:00:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	150	1.0		mg/L	10	8/27/2008 1:49:20 AM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	8/27/2008 1:49:20 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1600	200		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	130	10		mg/L	1	8/29/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#1
Lab Order:	0805186	**Collection Date:**	5/12/2008 1:26:00 PM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	210	1.0		mg/L	10	5/14/2008 12:37:01 PM
Nitrogen, Nitrate (As N)	63	1.0		mg/L	10	5/14/2008 12:37:01 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2600	20		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	5/19/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#2
Lab Order:	0805186	**Collection Date:**	5/12/2008 11:29:00 AM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	48	2.0		mg/L	20	5/15/2008 1:23:00 AM
Nitrogen, Nitrate (As N)	8.9	0.10		mg/L	1	5/14/2008 10:52:34 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	1700	20		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/19/2008

GROUND WATER

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BUREAU

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#3
Lab Order:	0805186	**Collection Date:**	5/12/2008 11:58:00 AM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	98	1.0		mg/L	10	5/15/2008 2:15:13 AM
Nitrogen, Nitrate (As N)	7.5	0.10		mg/L	1	5/14/2008 11:09:58 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2200	20		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/19/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#4
Lab Order:	0805186	**Collection Date:**	5/12/2008 12:33:00 PM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	260	1.0		mg/L	10	5/14/2008 11:44:47 AM
Nitrogen, Nitrate (As N)	68	1.0		mg/L	10	5/14/2008 11:44:47 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	3600	20		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	5/19/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#5
Lab Order:	0805186	**Collection Date:**	5/12/2008 1:50:00 PM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	270	1.0		mg/L	10	5/14/2008 12:54:25 PM
Nitrogen, Nitrate (As N)	130	1.0		mg/L	10	5/14/2008 12:54:25 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	3600	20		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	5/19/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0805186	**Collection Date:**	5/12/2008 12:42:00 PM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	160	1.0		mg/L	10	5/14/2008 12:19:36 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/14/2008 12:19:36 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2400	200		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	200	20		mg/L	1	5/19/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Feb-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #1
Lab Order:	0802245	**Collection Date:**	2/20/2008 2:54:00 PM
Project:	Dexter Dairy	**Date Received:**	2/21/2008
Lab ID:	0802245-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	220	1.0		mg/L	10	2/21/2008 9:34:02 PM
Nitrogen, Nitrate (As N)	72	1.0		mg/L	10	2/21/2008 9:34:02 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	2800	200		mg/L	1	2/25/2008
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	2/27/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Feb-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #2
Lab Order:	0802245	**Collection Date:**	2/20/2008 1:17:00 PM
Project:	Dexter Dairy	**Date Received:**	2/21/2008
Lab ID:	0802245-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	53	1.0		mg/L	10	2/21/2008 10:08:51 PM
Nitrogen, Nitrate (As N)	8.7	0.10		mg/L	1	2/21/2008 9:51:27 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	1700	100		mg/L	1	2/25/2008
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	2/27/2008

GROUND WATER

JUL 31 2008

BUREAU

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-606.

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Feb-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #3
Lab Order:	0802245	**Collection Date:**	2/20/2008 1:51:00 PM
Project:	Dexter Dairy	**Date Received:**	2/21/2008
Lab ID:	0802245-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	120	1.0		mg/L	10	2/21/2008 10:43:41 PM
Nitrogen, Nitrate (As N)	7.4	0.10		mg/L	1	2/21/2008 10:26:16 PM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	2100	20		mg/L	1	2/25/2008
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	2/27/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Feb-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #4
Lab Order:	0802245	**Collection Date:**	2/20/2008 3:38:00 PM
Project:	Dexter Dairy	**Date Received:**	2/21/2008
Lab ID:	0802245-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	260	1.0		mg/L	10	2/22/2008 12:28:07 AM
Nitrogen, Nitrate (As N)	65	1.0		mg/L	10	2/22/2008 12:28:07 AM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	3600	20		mg/L	1	2/25/2008
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	2/27/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Feb-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW #5
Lab Order:	0802245	**Collection Date:**	2/20/2008 4:20:00 PM
Project:	Dexter Dairy	**Date Received:**	2/21/2008
Lab ID:	0802245-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	270	1.0		mg/L	10	2/22/2008 1:02:56 AM
Nitrogen, Nitrate (As N)	130	1.0		mg/L	10	2/22/2008 1:02:56 AM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	3500	20		mg/L	1	2/25/2008
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	2/27/2008

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-606

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Feb-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0802245	**Collection Date:**	2/20/2008 3:58:00 PM
Project:	Dexter Dairy	**Date Received:**	2/21/2008
Lab ID:	0802245-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	120	2.0		mg/L	20	2/22/2008 1:20:20 AM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	2/22/2008 1:20:20 AM
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	2200	400		mg/L	1	2/25/2008
SM4500-NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	160	20		mg/L	1	2/27/2008

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-604

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#4
Lab Order:	0808394	**Collection Date:**	8/25/2008 3:56:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	230	1.0		mg/L	10	8/27/2008 12:39:42 AM
Nitrogen, Nitrate (As N)	74	1.0		mg/L	10	8/27/2008 12:39:42 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3500	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/29/2008

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-606

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

Receiving Date: 04/24/06
Reporting Date: 05/09/06
Project Number: DP-
Project Name: DEXTER DAIRY
Project Location: DEXTER, NM

Sampling Date: 04/22/06
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: RG, TE

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		04/27/06	05/01/06	05/01/06	05/04/06
Time Analysis Batch Started:		8:25	13:00	9:00	10:09
AK10424-1	MW 1	4,005	305	< 0.2 *	166.1
AK10424-2	MW 2	3,100	275	< 0.2 *	34.4
AK10424-3	MW 3	2,985	210	0.5	5.6
AK10424-4	LAGOON	2,365	310	175	0.14
Date Analysis Batch Finished:		04/28/06	05/01/06	05/02/06	05/04/06
Time Analysis Batch Finished:		10:43	16:50	11:02	17:24
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1002	51	4.65	0.4746
True Value QC		1000	50	5.00	0.500
% Instrument Accuracy		100	102	93	95
% Extraction Accuracy		N/A	97	91	96
Relative Percent Difference		1	3	0	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

*Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

5-09-06
Date

DP-606

Advanced Analysis & Laboratory Services

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

ANALYTICAL RESULTS FOR
COWBELL TESTING
ATTN: CHERRI SNYDER
106 TIERRA BERRENDA
ROSWELL, NM 88201
PHONE: (505) 622-4035
FAX: (505) 623-8442

Receiving Date: 10/21/02
Reporting Date: 11/04/02
Project Number: DP-
Project Name: DEXTER DAIRY
Project Location: DEXTER, NM

Sampling Date: 10/20/02
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: BS
Analyzed By: MJ, NW

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Started:		10/24/02	10/29/02	10/30/02	10/30/02
Time Analysis Started:		7:45	15:30	8:30	12:50
AG5473-1	MW 1	3515	310	2.5	0.04
AG5473-2	MW 2	2240	145	0.3	14.7
AG5473-3	MW 3	2225	145	0.7	2.7
AG5473-4	MW 4	2290	114	0.6	7.6
AG5473-5	WASTEWATER	1300	92	**24.1**	0.06
Date Analysis Finished:		10/25/02	10/29/02	10/30/02	10/30/02
Time Analysis Finished:		11:00	16:50	17:00	16:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		998	49	4.36	0.4974
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		100	98	87	99
% Extraction Accuracy		N/A	99	99	86
Relative Percent Difference		1	2	3	11

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

Lo

Mario Rodriguez

Mario Rodriguez, Chemist

11/04/02

Date

OP-606

Hall Environmental Analysis Laboratory, Inc.

Date: *21-May-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0805186	**Collection Date:**	5/12/2008 12:42:00 PM
Project:	Dexter Dairy	**Date Received:**	5/14/2008
Lab ID:	0805186-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	160	1.0		mg/L	10	5/14/2008 12:19:36 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/14/2008 12:19:36 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: **KMS**
Total Dissolved Solids	2400	200		mg/L	1	5/16/2008
SM4500-NORG C: TKN						Analyst: **TAF**
Nitrogen, Kjeldahl, Total	200	20		mg/L	1	5/19/2008

hi

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: *03-Sep-08*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW#1
Lab Order:	0808394	**Collection Date:**	8/25/2008 3:15:00 PM
Project:	Dexter Dairy	**Date Received:**	8/26/2008
Lab ID:	0808394-01	**Matrix:**	AQUEOUS

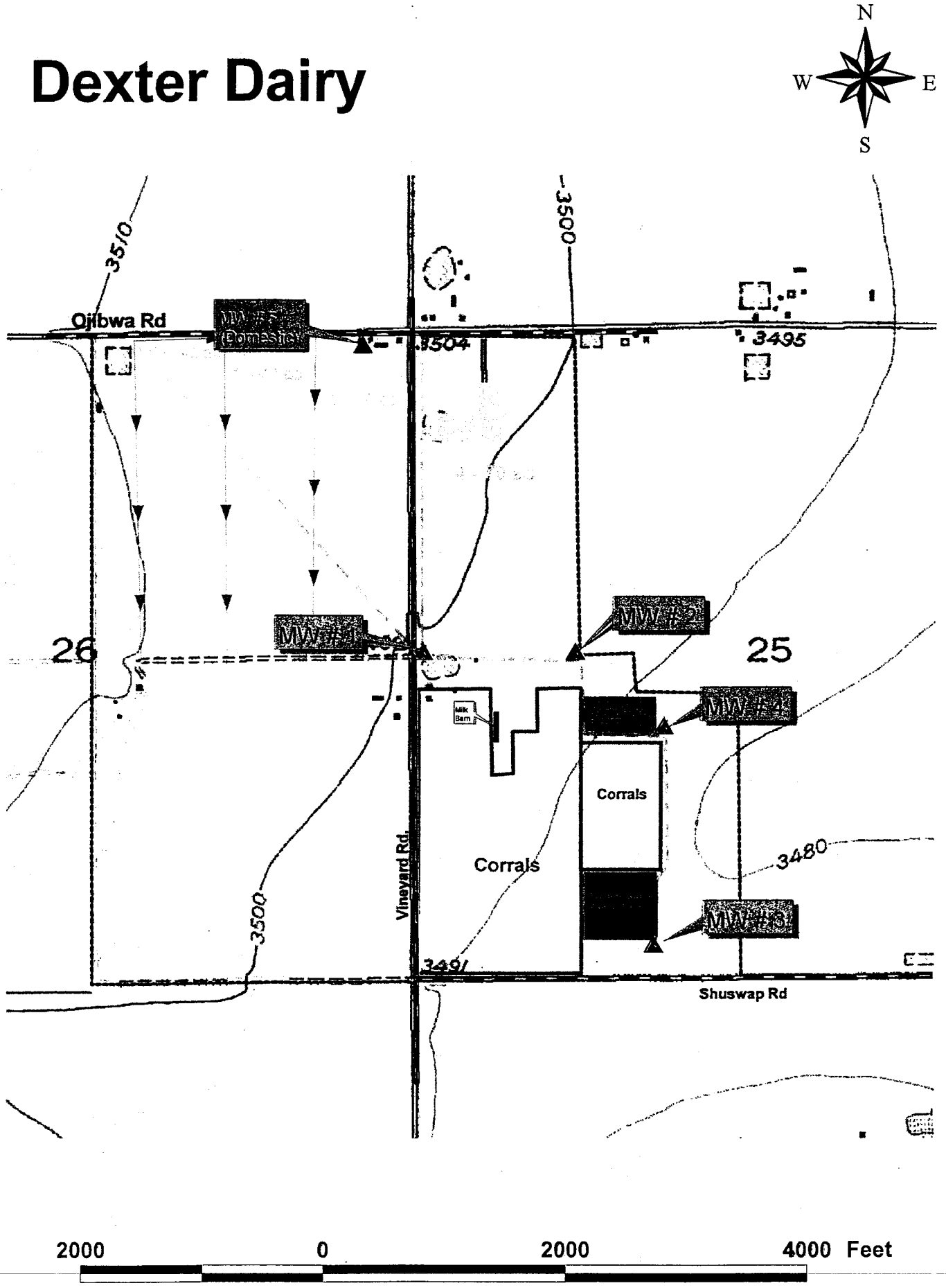
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: IC
Chloride	200	1.0		mg/L	10	8/26/2008 9:45:37 PM
Nitrogen, Nitrate (As N)	64	1.0		mg/L	10	8/26/2008 9:45:37 PM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2700	20		mg/L	1	8/28/2008
SM4500-NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/29/2008

DP-606

MW-1
↳ Highest NO_3-N reported in a downgradient MW
↳ source monitored: 70 acre land application field

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		

Dexter Dairy



Comment: ground water flow is to the southwest