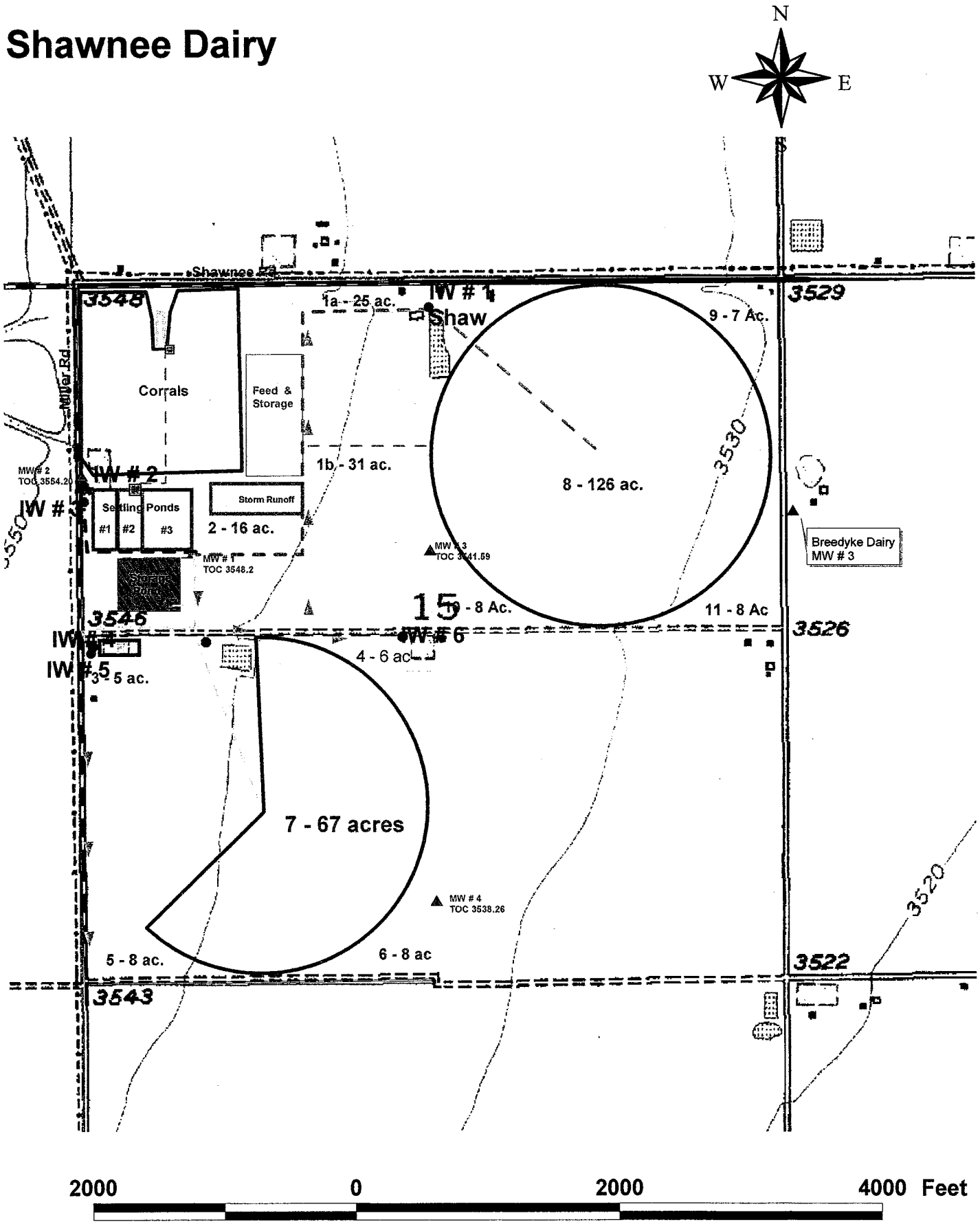
Shawnee Dairy



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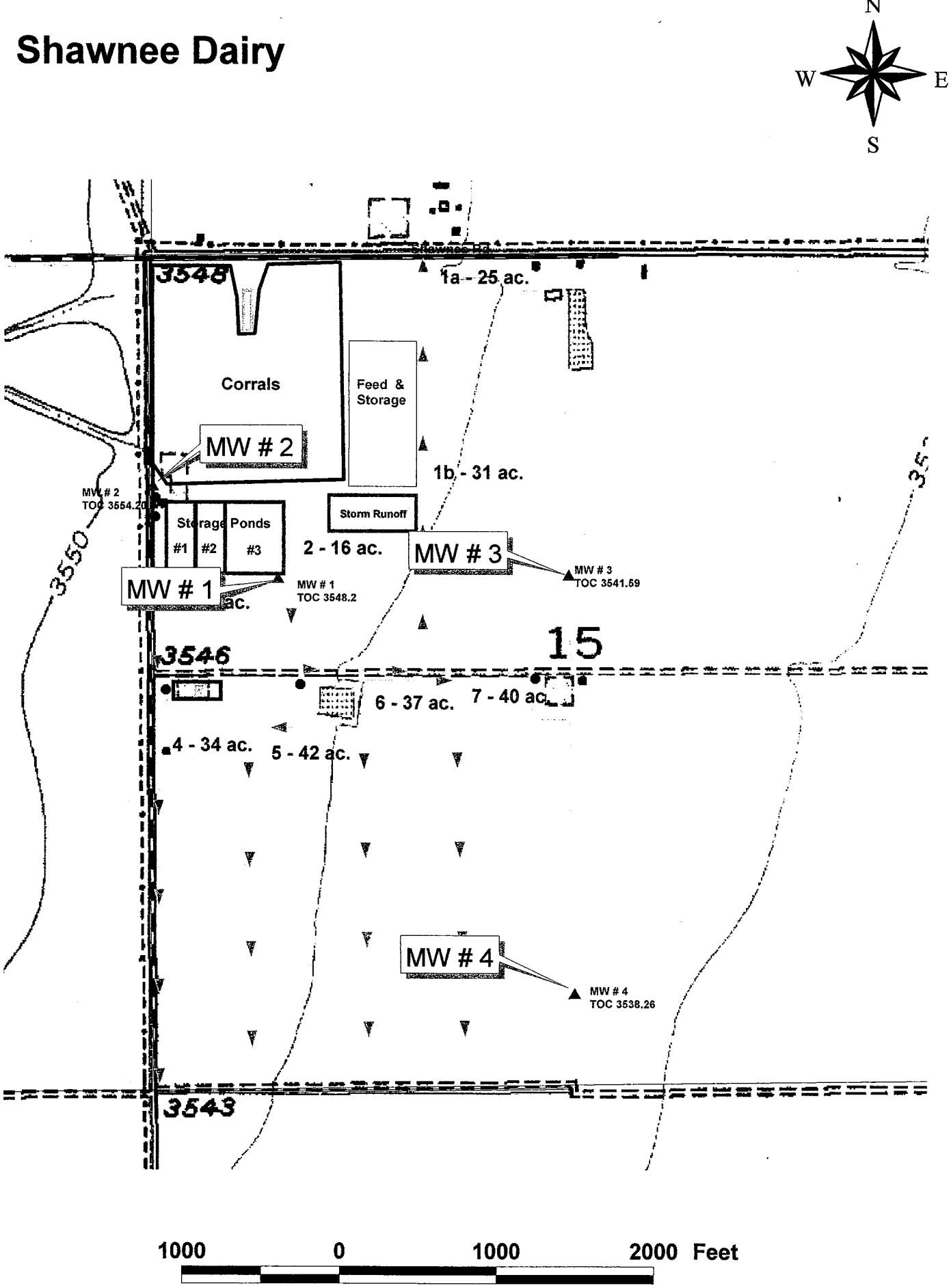
Shawnee Dairy



Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-3
Lab Order:	0910315	**Collection Date:**	10/15/2009 12:08:00 PM
Project:	Shawnee Dairy	**Date Received:**	10/16/2009
Lab ID:	0910315-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Chloride	140	1.0		mg/L	10	10/19/2009 5:46:53 AM
Nitrate (As N)+Nitrite (As N)	23	1.0		mg/L	5	10/19/2009 6:04:18 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	2200	20.0		mg/L	1	10/22/2009 5:32:00 PM
SM 4500 NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/22/2009 3:14:00 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-127

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0910315	**Collection Date:**	10/15/2009 12:51:00 PM
Project:	Shawnee Dairy	**Date Received:**	10/16/2009
Lab ID:	0910315-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Chloride	120	2.0		mg/L	20	10/19/2009 6:21:42 AM
Nitrate (As N)+Nitrite (As N)	23	1.0		mg/L	5	10/19/2009 6:39:07 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	3190	20.0		mg/L	1	10/23/2009 6:12:00 PM
SM 4500 NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/22/2009 3:14:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-1
Lab Order:	0910315	**Collection Date:**	10/15/2009 11:20:00 AM
Project:	Shawnee Dairy	**Date Received:**	10/16/2009
Lab ID:	0910315-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	74	1.0		mg/L	10	10/19/2009 4:37:16 AM
Nitrate (As N)+Nitrite (As N)	4.4	1.0		mg/L	5	10/19/2009 4:54:40 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	1210	20.0		mg/L	1	10/22/2009 5:32:00 PM
SM 4500 NORG C: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	10/22/2009 3:14:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-2
Lab Order:	0910315	**Collection Date:**	10/15/2009 10:16:00 AM
Project:	Shawnee Dairy	**Date Received:**	10/16/2009
Lab ID:	0910315-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Chloride	21	1.0		mg/L	10	10/19/2009 5:12:04 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	10/19/2009 5:29:29 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	855	20.0		mg/L	1	10/22/2009 5:32:00 PM
SM 4500 NORG C: TKN						Analyst: **KS**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	10/22/2009 3:14:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT: Estes Sampling Service
Lab Order: 0910315
Project: Shawnee Dairy
Lab ID: 0910315-03

Client Sample ID: MW-3
Collection Date: 10/15/2009 12:08:00 PM
Date Received: 10/16/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	140	1.0		mg/L	10	10/19/2009 5:46:53 AM
Nitrate (As N)+Nitrite (As N)	23	1.0		mg/L	5	10/19/2009 6:04:18 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2200	20.0		mg/L	1	10/22/2009 5:32:00 PM
SM 4500 NORG C: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/22/2009 3:14:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0910315	**Collection Date:**	10/15/2009 12:51:00 PM
Project:	Shawnee Dairy	**Date Received:**	10/16/2009
Lab ID:	0910315-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	120	2.0		mg/L	20	10/19/2009 6:21:42 AM
Nitrate (As N)+Nitrite (As N)	23	1.0		mg/L	5	10/19/2009 6:39:07 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3190	20.0		mg/L	1	10/23/2009 6:12:00 PM
SM 4500 NORG C: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	10/22/2009 3:14:00 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-1
Lab Order:	0907560	**Collection Date:**	7/29/2009 10:48:00 AM
Project:	Shawnee Dairy	**Date Received:**	7/30/2009
Lab ID:	0907560-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	67	1.0		mg/L	10	7/30/2009 6:08:40 PM
Nitrogen, Nitrate (As N)	4.3	0.10		mg/L	1	7/30/2009 5:51:15 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	1160	20.0		mg/L	1	8/3/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	8/3/2009

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: *06-Aug-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-2
Lab Order:	0907560	**Collection Date:**	7/29/2009 9:50:00 AM
Project:	Shawnee Dairy	**Date Received:**	7/30/2009
Lab ID:	0907560-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	20	1.0		mg/L	10	7/30/2009 6:43:29 PM
Nitrogen, Nitrate (As N)	0.84	0.10		mg/L	1	7/30/2009 6:26:04 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	876	40.0		mg/L	1	8/3/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	8/5/2009

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: *06-Aug-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-3
Lab Order:	0907560	**Collection Date:**	7/29/2009 12:00:00 PM
Project:	Shawnee Dairy	**Date Received:**	7/30/2009
Lab ID:	0907560-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	58	1.0		mg/L	10	7/30/2009 7:53:09 PM
Nitrogen, Nitrate (As N)	12	1.0		mg/L	10	7/30/2009 7:53:09 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	1880	20.0		mg/L	1	8/3/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	8/3/2009

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: *06-Aug-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0907560	**Collection Date:**	7/29/2009 12:52:00 PM
Project:	Shawnee Dairy	**Date Received:**	7/30/2009
Lab ID:	0907560-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	120	1.0		mg/L	10	7/30/2009 9:02:45 PM
Nitrogen, Nitrate (As N)	21	1.0		mg/L	10	7/30/2009 9:02:45 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	3190	20.0		mg/L	1	8/3/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	ND	5.0		mg/L	1	8/3/2009

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: *13-May-09*

CLIENT: Estes Sampling Service
Lab Order: 0904463
Project: Shawnee Dairy
Lab ID: 0904463-01

Client Sample ID: MW-1
Collection Date: 4/29/2009 11:06:00 AM
Date Received: 4/30/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	63	2.0		mg/L	20	4/30/2009 10:33:35 PM
Nitrogen, Nitrate (As N)	3.6	0.10		mg/L	1	4/30/2009 10:16:10 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1200	20		mg/L	1	5/1/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/6/2009

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		

UD-731

Hall Environmental Analysis Laboratory, Inc.

Date: *13-May-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-2
Lab Order:	0904463	**Collection Date:**	4/29/2009 10:17:00 AM
Project:	Shawnee Dairy	**Date Received:**	4/30/2009
Lab ID:	0904463-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	20	0.10		mg/L	1	4/30/2009 10:51:00 PM
Nitrogen, Nitrate (As N)	0.95	0.10		mg/L	1	4/30/2009 10:51:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	900	40		mg/L	1	5/1/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	5/6/2009

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: *13-May-09*

CLIENT: Estes Sampling Service
Lab Order: 0904463
Project: Shawnee Dairy
Lab ID: 0904463-03

Client Sample ID: MW-3
Collection Date: 4/29/2009 11:57:00 AM
Date Received: 4/30/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	29	0.10		mg/L	1	5/1/2009 12:00:39 AM
Nitrogen, Nitrate (As N)	4.4	0.10		mg/L	1	5/1/2009 12:00:39 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1900	40		mg/L	1	5/1/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/6/2009

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		

UP-727

Hall Environmental Analysis Laboratory, Inc.

Date: *13-May-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0904463	**Collection Date:**	4/29/2009 12:40:00 PM
Project:	Shawnee Dairy	**Date Received:**	4/30/2009
Lab ID:	0904463-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	120	2.0		mg/L	20	5/1/2009 2:02:30 AM
Nitrate (As N)+Nitrite (As N)	18	1.0		mg/L	5	5/1/2009 1:45:06 AM
SM 4500 NORG C: TKN						Analyst: **KMS**
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	5/6/2009

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: *28-Jan-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-1
Lab Order:	0901292	**Collection Date:**	1/20/2009 2:01:00 PM
Project:	Shawnee Dairy	**Date Received:**	1/22/2009
Lab ID:	0901292-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	58	1.0		mg/L	10	1/22/2009 1:35:57 PM
Nitrogen, Nitrate (As N)	3.1	0.10		mg/L	1	1/22/2009 1:18:33 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1200	100		mg/L	1	1/23/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/24/2009

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	B	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-127

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jan-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-2
Lab Order:	0901292	**Collection Date:**	1/20/2009 11:13:00 AM
Project:	Shawnee Dairy	**Date Received:**	1/22/2009
Lab ID:	0901292-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	19	0.10		mg/L	1	1/22/2009 10:59:16 AM
Nitrogen, Nitrate (As N)	0.67	0.10		mg/L	1	1/22/2009 10:59:16 AM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	870	40		mg/L	1	1/23/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/24/2009

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-121

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jan-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-3
Lab Order:	0901292	**Collection Date:**	1/20/2009 2:44:00 PM
Project:	Shawnee Dairy	**Date Received:**	1/22/2009
Lab ID:	0901292-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	27	0.10		mg/L	1	1/22/2009 2:28:10 PM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	1/22/2009 2:28:10 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1800	100		mg/L	1	1/23/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/24/2009

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		

UR-127

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jan-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	MW-4
Lab Order:	0901292	**Collection Date:**	1/20/2009 3:33:00 PM
Project:	Shawnee Dairy	**Date Received:**	1/22/2009
Lab ID:	0901292-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	110	1.0		mg/L	10	1/22/2009 3:02:58 PM
Nitrogen, Nitrate (As N)	19	0.10		mg/L	1	1/22/2009 2:45:34 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	3300	200		mg/L	1	1/23/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	2.0		mg/L	1	1/24/2009

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-121

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jan-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0901292	**Collection Date:**	1/20/2009 10:47:00 AM
Project:	Shawnee Dairy	**Date Received:**	1/22/2009
Lab ID:	0901292-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	170	1.0		mg/L	10	1/22/2009 4:12:37 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	1/22/2009 3:55:12 PM
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2200	200		mg/L	1	1/23/2009
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	53	10		mg/L	1	1/24/2009

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-127

Hall Environmental Analysis Laboratory, Inc.

Date: *13-May-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0904463	**Collection Date:**	4/29/2009 11:22:00 AM
Project:	Shawnee Dairy	**Date Received:**	4/30/2009
Lab ID:	0904463-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	160	1.0		mg/L	10	5/1/2009 1:10:17 AM
Nitrate (As N)+Nitrite (As N)	ND	10		mg/L	50	5/1/2009 1:27:42 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2300	400		mg/L	1	5/1/2009
SM 4500 NORG C: TKN						Analyst: KMS
Nitrogen, Kjeldahl, Total	42	10		mg/L	1	5/6/2009

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: *06-Aug-09*

CLIENT: Estes Sampling Service
Lab Order: 0907560
Project: Shawnee Dairy
Lab ID: 0907560-05

Client Sample ID: Lagoon
Collection Date: 7/29/2009 1:30:00 PM
Date Received: 7/30/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	560	5.0		mg/L	50	7/31/2009 2:35:39 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	7/30/2009 9:20:10 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	2890	100		mg/L	1	8/3/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	4.9	1.0		mg/L	1	8/3/2009

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		

DP-787

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0910315	**Collection Date:**	10/15/2009 1:20:00 PM
Project:	Shawnee Dairy	**Date Received:**	10/16/2009
Lab ID:	0910315-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Chloride	310	10		mg/L	100	10/19/2009 6:56:32 AM
Nitrate (As N)+Nitrite (As N)	4.9	2.0		mg/L	10	10/20/2009 7:22:56 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2430	100		mg/L	1	10/23/2009 6:12:00 PM
SM 4500 NORG C: TKN						Analyst: KS
Nitrogen, Kjeldahl, Total	150	5.0		mg/L	1	10/22/2009 3:14:00 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-127

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-09*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0907560	**Collection Date:**	7/29/2009 1:30:00 PM
Project:	Shawnee Dairy	**Date Received:**	7/30/2009
Lab ID:	0907560-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	560	5.0		mg/L	50	7/31/2009 2:35:39 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	7/30/2009 9:20:10 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MMS**
Total Dissolved Solids	2890	100		mg/L	1	8/3/2009
SM 4500 NORG C: TKN						Analyst: **LJB**
Nitrogen, Kjeldahl, Total	4.9	1.0		mg/L	1	8/3/2009

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		

DP-127

Hall Environmental Analysis Laboratory, Inc.

Date: *14-May-07*

CLIENT:	Estes Sampling Service	**Client Sample ID:**	Lagoon
Lab Order:	0705001	**Collection Date:**	4/29/2007 10:25:00 AM
Project:	Shawnee	**Date Received:**	5/1/2007
Lab ID:	0705001-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	190	2.0		mg/L	20	5/1/2007 12:52:50 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	5/1/2007 12:52:50 PM
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	3500	400		mg/L	1	5/1/2007
EPA METHOD 351.3: TKN						Analyst: MAP
Nitrogen, Kjeldahl, Total	400	10		mg/L	1	5/9/2007

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		