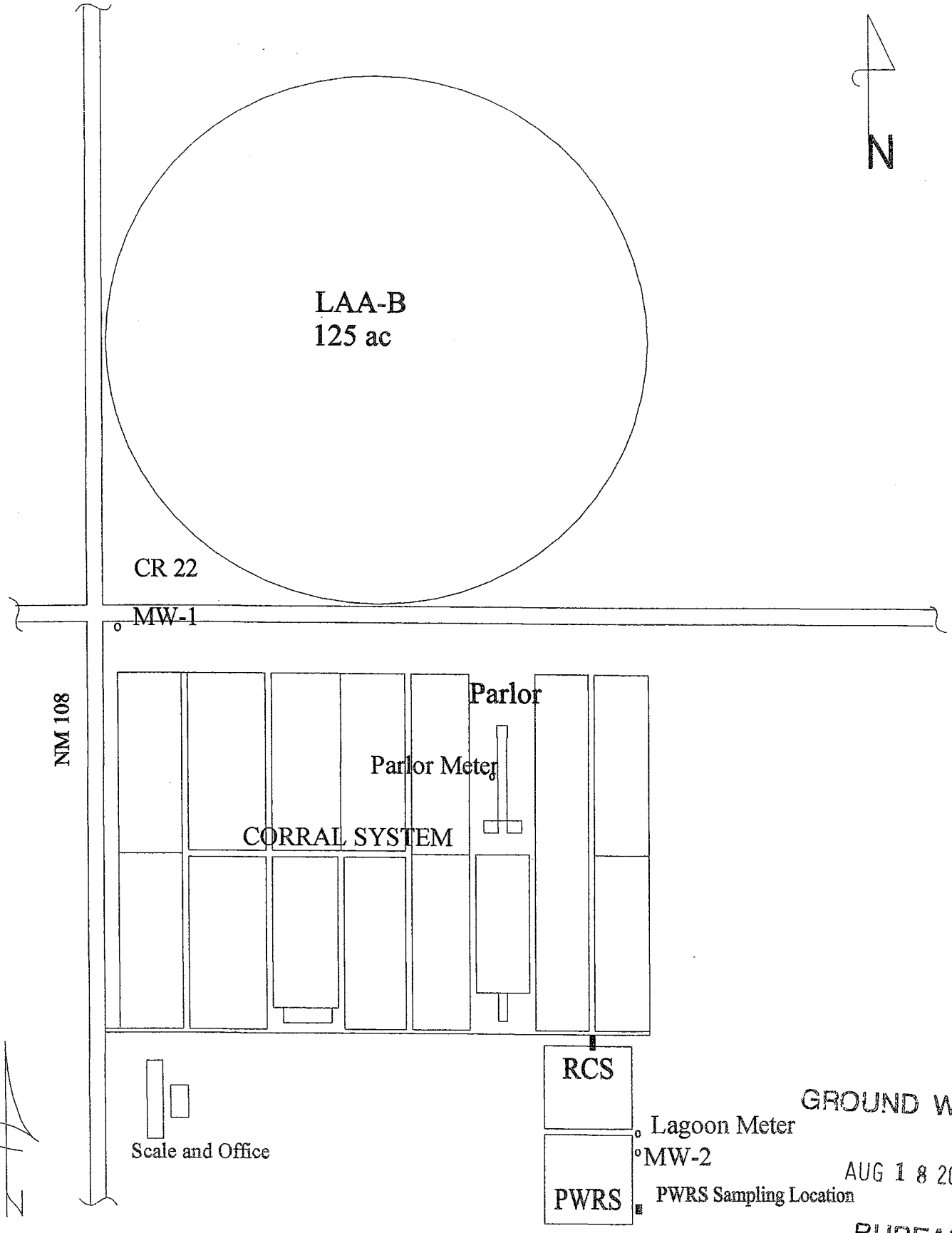
DP-1379



GROUND WATER

AUG 1 8 2009

BUREAU

Enviro Compliance Services, Inc.

Office: (505) 762-9674 Fax: (505) 762-3749

Providing Management Assistance for Environmental Compliance Since 1981

Title: Cross Country Dairy DP-1379 Overall Facility Layout		
Date: 6-08-2009	DWG/Doc Ref Not to Scale	Sheet No 1/1

Servi-Tech Laboratories

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www.servitechlabs.com

Phone: 806.677.0093 • 800.557.7509 • **Fax:** 806.677.0329

Lab #: A-2008NL**000136**

LABORATORY REPORT

Report Date: 11/02/2007 05:59 pm

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Laboratory Manager

Project ID: 11-01-07
Project Title: CROSS COUNTRY DAIRY
Sample ID: PWRS
Client Name: CROSS COUNTRY DAIRY
Subject: Wastewater Lab Analysis

Date/Time Received: 10/25/2007 09:00 am
Name of Submitter: MICHAEL DOLAN
Date/Time Sampled: 10/24/2007 09:10 am
Name of Sampler: MICHAEL DOLAN

Location:

Invoice No: 400643
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	7.7	mg/L	0.10	EPA 353.2	10/26/2007 1:54PM	LF
Total Kjeldahl Nitrogen, TKN	● 560	mg/L	18	EPA 351.3	10/31/2007	RR
Chloride, Cl	210	mg/L	10	EPA 325.2	10/26/2007 3:09PM	LF
Total Dissolved Solids, TDS	3960	mg/L	200	SM 2540 C (20th Ed.)	11/2/2007	SH

N.B. highest TKN

RL = Reporting Limit

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Lab #: A-2008NL**001078**

LABORATORY REPORT

Report Date: 04/29/2008 11:47 am

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Laboratory Manager

Project ID: DP-1379
Project Title: CROSS COUNTRY DAIRY
Sample ID: PWRS
Client Name: CROSS COUNTRY DAIRY
Subject: Wastewater Lab Analysis

Date/Time Received: 04/03/2008 11:20 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 04/01/2008 03:20 pm
Name of Sampler: MIKE DOLAN

Location:

Invoice No: 400912
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	1.8	mg/L	0.10	EPA 353.2	4/7/2008 1:50PM	LF
Total Kjeldahl Nitrogen, TKN	32	mg/L	25	EPA 351.3	4/15/2008	RR
Chloride, Cl	47	mg/L	10	EPA 325.2	4/7/2008 2:56PM	LF
Total Dissolved Solids, TDS	440	mg/L	200	SM 2540 C (20th Ed.)	4/11/2008	BH

RL = Reporting Limit

DP-1379

DP-1379

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LABORATORY REPORT

Report Date: 08/03/2009 01:22 pm

Lab #: A-2009NL**002230**

ACCREDITED IN ACCORDANCE WITH nelac

Accreditation #
T104704264-09
TV

Send To: 27367 ENVIRO COMPLIANCE SERVICES INC
CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Todd D. Whatley
Laboratory Manager

Project ID:
Project Title: CROSS COUNTRY DAIRY
Sample ID: MW1
Client Name: CROSS COUNTRY DAIRY
Subject: Monitoring Well Lab Analysis

Date/Time Received: 07/24/2009 09:40 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 07/23/2009 03:45 pm
Name of Sampler: MICHAEL DOLAN

Location: MW1
Invoice No: 401967
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
NELAP Accredited Tests						
Nitrate+Nitrite Nitrogen, NO3+NO2-N	ND	mg/L	0.10	EPA 353.2	7/27/2009 9:56AM	LF
Chloride, Cl	28	mg/L	1.0	EPA 325.2	7/29/2009 12:26PM	LF
Non-Accredited Tests						
Total Kjeldahl Nitrogen, TKN	ND	mg/L	6	EPA 351.3	7/27/2009	RR
Total Dissolved Solids, TDS	418	mg/L	20	SM 2540 C (20th Ed.)	7/27/2009 8:40AM	MD

GROUND WATER

AUG 1 8 2009

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RL = Reporting Limit | ND = Not Detected at RL

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Phone: 806.677.0093 • 800.557.7509 • **Fax:** 806.677.0329

Lab #: A-2009NL**001276**

LABORATORY REPORT

Report Date: 04/15/2009 02:41 pm

ACCREDITED IN ACCORDANCE WITH nelac

Accreditation #
T104704264-09
TV

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Todd D. Whatley
Todd Whatley
Laboratory Manager

Project ID: DP-1379
Project Title: CROSS COUNTRY DAIRY
Sample ID: MW 1 MONITOR WELL
Client Name: CROSS COUNTRY DAIRY
Subject: Monitoring Well Lab Analysis

Date/Time Received: 03/30/2009 03:00 pm
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 03/26/2009 08:30 am
Name of Sampler: MIKE DOLAN

Location:

Invoice No: 401706
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
NELAP Accredited Tests						
Nitrate+Nitrite Nitrogen, NO3+NO2-N	2.4	mg/L	0.10	EPA 353.2	3/31/2009 12:15PM	LF
Chloride, Cl	26	mg/L	1.0	EPA 325.2	3/31/2009 9:43AM	LF
Non-Accredited Tests						
Total Kjeldahl Nitrogen, TKN	ND	mg/L	5	EPA 351.3	4/14/2009	RR
Total Dissolved Solids, TDS	374	mg/L	20	SM 2540 C (20th Ed.)	4/7/2009 10:24AM	MD

Sample Acceptability Criteria

The sample did not meet the temperature preservation requirement of 4 ± 2 °C upon receipt by the laboratory.

RL = Reporting Limit | ND = Not Detected at RL

DP-1379

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Lab #: A-2009NL**000728**

LABORATORY REPORT

Report Date: 02/11/2009 04:21 pm

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Accreditation #
T104704264-09
TV

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Todd Whatley
Laboratory Manager

Project ID: DP-1379
Project Title: CROSS COUNTRY DAIRY
Sample ID: MW 1
Client Name: CROSS COUNTRY
Subject: Monitoring Well Lab Analysis

Date/Time Received: 01/30/2009 05:00 pm
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 01/28/2009 08:10 am
Name of Sampler: MICHAEL DOLAN

Location:
Invoice No: 401542
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
NELAP Accredited Tests						
Nitrate+Nitrite Nitrogen, NO3+NO2-N	2.1	mg/L	0.10	EPA 353.2	2/2/2009 1:45PM	LF
Chloride, Cl	19	mg/L	1.0	EPA 325.2	2/3/2009 9:05AM	LF
Non-Accredited Tests						
Total Kjeldahl Nitrogen, TKN	ND	mg/L	5	EPA 351.3	2/3/2009	RR
Total Dissolved Solids, TDS	230	mg/L	20	SM 2540 C (20th Ed.)	2/2/2009 11:01AM	[illegible]

GROUND WATER
MAR 0 2 2009
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RL = Reporting Limit | ND = Not Detected at RL

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Lab #: A-2008NL**002398**

LABORATORY REPORT

Report Date: 09/10/2008 03:56 pm

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Technical Coordinator

Project ID: CROSS COUNTRY DAIRY
Project Title: DP-1379
Sample ID: MW-1
Client Name: CROSS COUNTRY DAIRY
Subject: Monitoring Well Lab Analysis

Date/Time Received: 08/27/2008 09:45 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 08/26/2008 08:30 am
Name of Sampler: MIKE DOLAN

Location:
Invoice No: 401188
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite-Nitrogen, NO3+NO2-N	2.7	mg/L	0.10	EPA 353.2	9/3/2008 9:15AM	LF
Total Kjeldahl Nitrogen, TKN	ND	mg/L	6	EPA 351.3	9/3/2008	RR
Chloride, Cl	28	mg/L	1.0	EPA 325.2	9/3/2008 8:59AM	LF
Total Dissolved Solids, TDS	368	mg/L	20	SM 2540 C (20th Ed.)	9/10/2008	KC

RL = Reporting Limit | ND = Not Detected at RL

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Phone: 806.677.0093 • 800.557.7509 • **Fax:** 806.677.0329

Lab #: A-2009NL**001277**

LABORATORY REPORT

Report Date: 04/15/2009 02:42 pm

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Accreditation #
T104704264-09
TV

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Todd D. Whatley
Todd Whatley
Laboratory Manager

Project ID: DP-1379
Project Title: CROSS COUNTRY DAIRY
Sample ID: PWRS WASTEWATER
Client Name: CROSS COUNTRY DAIRY
Subject: Wastewater Lab Analysis

Date/Time Received: 03/30/2009 03:00 pm
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 03/26/2009 08:45 am
Name of Sampler: MIKE DOLAN

Location:

Invoice No: 401706
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
NELAP Accredited Tests						
Nitrate+Nitrite Nitrogen, NO3+NO2-N	ND	mg/L	0.10	EPA 353.2	3/31/2009 12:16PM	LF
Chloride, Cl	260	mg/L	10	EPA 325.2	3/31/2009 9:44AM	LF
Non-Accredited Tests						
Total Kjeldahl Nitrogen, TKN	390	mg/L	50	EPA 351.3	4/14/2009	RR
Total Dissolved Solids, TDS	3940	mg/L	200	SM 2540 C (20th Ed.)	4/7/2009 10:24AM	MD

Sample Acceptability Criteria

The sample did not meet the temperature preservation requirement of 4 ± 2 °C upon receipt by the laboratory.

RL = Reporting Limit | ND = Not Detected at RL

DP-1379

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Phone: 806.677.0093 • 800.557.7509 • **Fax:** 806.677.0329

Lab #: A-2008NL**002399**

LABORATORY REPORT

Report Date: 09/10/2008 03:57 pm

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Technical Coordinator

Project ID: CROSS COUNTRY DAIRY
Project Title: DP-1379
Sample ID: PWRS
Client Name: CROSS COUNTRY DAIRY
Subject: Wastewater Lab Analysis

Date/Time Received: 08/27/2008 09:45 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 08/26/2008 09:00 am
Name of Sampler: MIKE DOLAN

Location:

Invoice No: 401188
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	0.22	mg/L	0.10	EPA 353.2	9/3/2008 9:18AM	LF
Total Kjeldahl Nitrogen, TKN	380	mg/L	50	EPA 351.3	9/3/2008	RR
Chloride, Cl	340	mg/L	10	EPA 325.2	9/3/2008 9:02AM	LF
Total Dissolved Solids, TDS	3240	mg/L	100	SM 2540 C (20th Ed.)	9/10/2008	KC

RL = Reporting Limit

DP-1379

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
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (505) 762-9674
FAX: (505) 762-3749

Receiving Date: 09/28/06
Reporting Date: 10/06/06
Project Number: DP-1379
Project Name: CROSS COUNTRY DAIRY
Project Location: CURRY COUNTY, NM

Sampling Date: ~~09/26/06~~
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: JD
Analyzed By: RG, MW

Reviewed & Entered 05/01/08 JR

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	~~TKN (mg/L)~~	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		10/02/06	10/04/06	~~10/03/06~~	10/03/06
Time Analysis Batch Started:		13:05	12:40	~~8:30~~	11:00
AK11010-1	MW 1	320	40	< 0.2 *	2.9
AK11010-2	~~PWRS~~	2,340	170	~~[illegible]~~	2.1
Date Analysis Batch Finished:		10/04/06	10/04/06	10/04/06	10/03/06
Time Analysis Batch Finished:		12:50	15:30	11:30	17:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	4.74	0.4966
True Value QC		1000	50	5.00	0.5000
% Instrument Accuracy		98	100	95	99
% Extraction Accuracy		N/A	99	100	100
Relative Percent Difference		1	0	14	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl	351.4	353.3

~~N.B. lowest TKN~~

Copy

* Less than the Minimum Detection Limit.

Mario Rodriguez, Director.

10-06-06
Date

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Lab #: A-2008NL**000445**

LABORATORY REPORT

Report Date: 01/07/2008 04:57 pm

Send To: ENVIRO COMPLIANCE SERVICES INC
27367 CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023

Steve Harrold
Laboratory Manager

Project ID: DP-1379
Project Title: CROSS COUNTRY
Sample ID: MW-1
Client Name: CROSS COUNTRY
Subject: Monitoring Well Lab Analysis

Date/Time Received: 12/21/2007 09:00 am
Name of Submitter: NATIVE 7 INC
Date/Time Sampled: 12/20/2007 08:15 am
Name of Sampler: MICHAEL DOLAN

Location:
Invoice No: 400726
P.O. #:
Depth:
Flow Rate:

Analysis	Result	Unit	RL	Method	Analysis Date/Time	Tech
Nitrate+Nitrite Nitrogen, NO3+NO2-N	3.1	mg/L	0.10	EPA 353.2	12/28/2007 1:41PM	LF
Total Kjeldahl Nitrogen, TKN	ND	mg/L	6	EPA 351.3	12/28/2007	RR
Chloride, Cl	34	mg/L	1.0	EPA 325.2	12/28/2007 11:11AM	LF
Total Dissolved Solids, TDS	340	mg/L	20	SM 2540 C (20th Ed.)	12/28/2007	BH

N.B. highest NO3-N

upgradient

RL = Reporting Limit | ND = Not Detected at RL