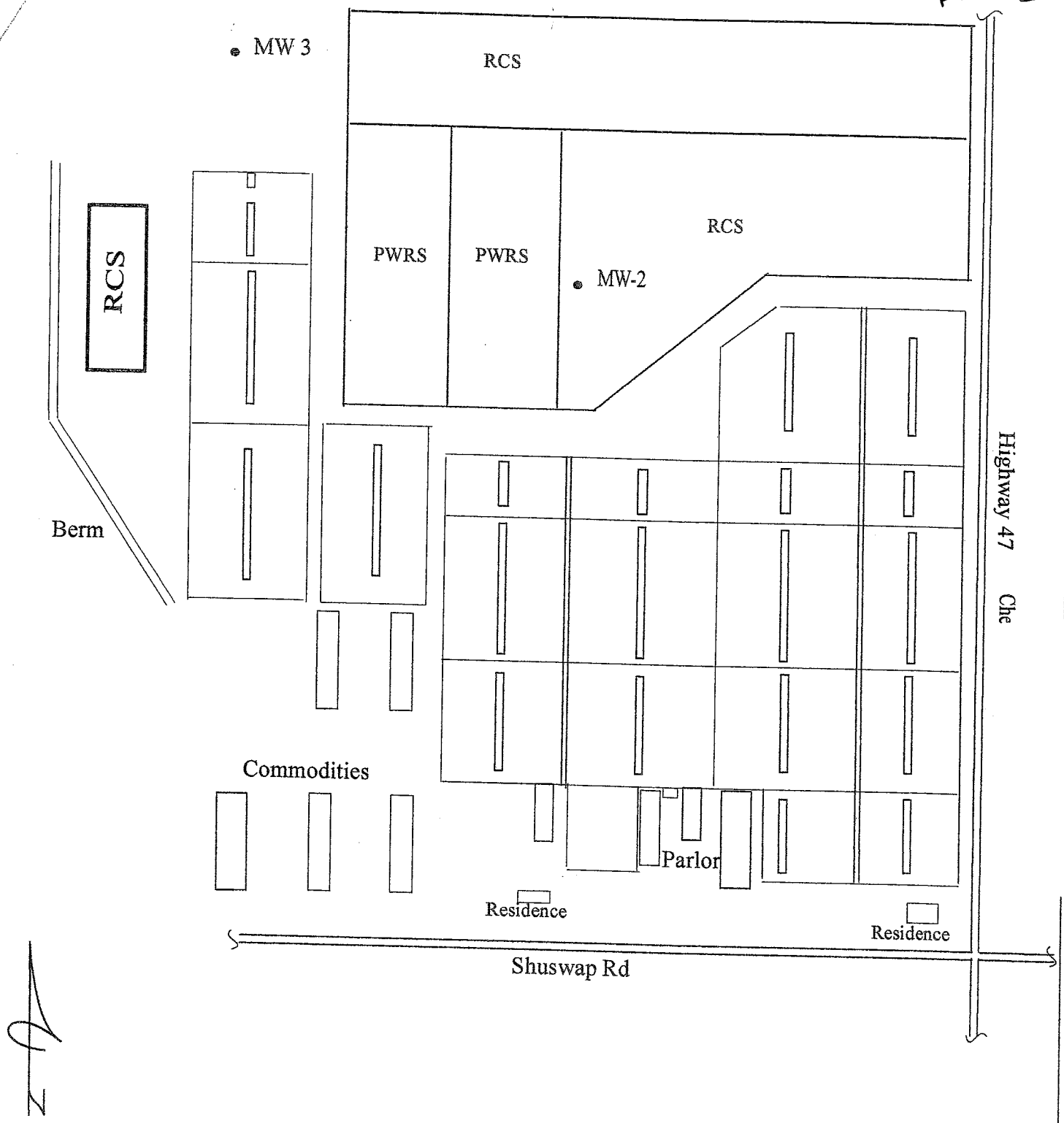
DP-533



SE/4 Section 25
T 13N; R 25E

GROUND WATER

NOV 23 2009

SUREAU

Enviro Compliance Services, Inc.

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

Providing Management Assistance for Environmental Compliance Since 1981

Title: Dan Dee Dairy Overall Site Layout		DP-533
Date: 7/2/08	DWG/Doc Ref Not to Scale	Sheet No 1/1

DP-533

Advanced Analysis, Inc.

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

GROUND WATER

NOV 2 3 2009

BUREAU

ANALYTICAL RESULTS FOR
ENVIROCOMPLIANCE SERVICES, INC.
ATTN: CHET WYANT
564 SR 523
CLOVIS, NM 88101-1023
PHONE: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 09/29/09 @ 0 °C
Reporting Date: 10/14/09
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 09/28/09 @ 10:10
Sample Type: WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		10/01/09	10/06/09	10/12/09	10/05/09
Time Analysis Batch Started:		8:45	15:00	8:35	14:20
AN15200-1	MW 2	3,005	240	1.5	8.2
AN15200-2	MW 3	1,895	135	0.3	2.3
AN15200-3	PWRS	2,940	330	215	0.12
Date Analysis Batch Finished:		10/02/09	10/06/09	10/13/09	10/05/09
Time Analysis Batch Finished:		10:30	17:00	12:45	17:20
Blank		< 1	< 1	< 0.3	< 0.03
Quality Control		982	50	4.97	1.0547
True Value QC		100	50	5.00	1.0000
% Instrument Accuracy		98	100	99	105
Hi - Low Limits		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	99	91	100
Relative Percent Difference		0	4	2	5
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez

Mario Rodriguez, Director.

10/14/09

Date

DP-533

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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 07/16/09 @ 0 °C
Reporting Date: 07/28/09
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 07/15/09 @ 11:50
Sample Type: WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		07/20/09	07/24/09	07/21/09	07/20/09
Time Analysis Batch Started:		11:00	16:25	8:45	10:30
AN14870-1	MW 2	2,960	195	1.6	3.9
AN14870-2	MW 3	1,890	95	0.3	4.3
Date Analysis Batch Finished:		07/21/09	07/24/09	07/21/09	07/20/09
Time Analysis Batch Finished:		12:30	18:40	17:05	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	51	5.19	1.0285
True Value QC		1000	50	5.20	1.0000
% Instrument Accuracy		100	102	104	103
Hi - Low Limits		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction Accuracy		N/A	102	104	99
Relative Percent Difference		2	1	2	4
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

This report meets NELAC T104704437-08A-TX

Mario Rodriguez

07/28/09

Mario Rodriguez, Director.

Date

DP-533

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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 03/20/09 @ 2° C
Reporting Date: 04/18/09
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 03/17/09 @ 12:30
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: SN
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		03/23/09	04/11/09	04/11/09	04/13/09
Time Analysis Batch Started:		10:20	17:00	10:00	9:30
AN14388-1	MW 2	3,005	205	1.6	7.7
AN14388-2	MW 3	1,805	90	0.8	4.8
AN14388-3	PWRS	2,950	400	245	0.11
Date Analysis Batch Finished:		03/24/09	04/11/09	04/09/09	04/13/09
Time Analysis Batch Finished:		16:00	21:00	12:50	17:00
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		982	50	5.05	1.0027
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	100	101	100
% Extraction Accuracy		N/A	101	108	90
Relative Percent Difference		2	0	2	0
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

*Less than the Mimimum Detection Limit.
This report meets NELAC T104704437-08A-TX

Mario Rodriguez
Mario Rodriguez, Director.

04-18-09
Date

DP-533

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: (575) 762-9674
FAX: (575) 762-3749

Receiving Date: 12/23/08 @ 1° C
Reporting Date: 01/10/09
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 12/20/08 @ 13:00
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: ED
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		12/23/08	12/29/08	12/30/08	01/08/08
Time Analysis Batch Started:		12:30	11:05	8:45	9:00
AM14032-1	MW 2	2,995	220	< 0.2 *	10.0
AM14032-2	MW 3	1,465	80	0.6	8.6
Date Analysis Batch Finished:		12/24/08	12/29/08	12/30/08	01/08/09
Time Analysis Batch Finished:		12:35	12:20	16:30	15:20
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		976	50	4.85	0.8086
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		98	100	97	108
% Extraction Accuracy		N/A	99	89	102
Relative Percent Difference		0	0	4	0
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

*Less than the Mimimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

01-10-09

Date

DP-533

Advanced Analysis, Inc.

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

GROUND WATER

MAR 2 3 2009

BUREAU

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: 09/18/08 @ 1° C
Reporting Date: 10/13/08
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 09/16/08 @ 14:00
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: ED
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		09/19/08	09/30/08	09/30/08	09/25/08
Time Analysis Batch Started:		15:30	11:00	8:35	10:30
AM13653-1	MW 2	3,240	210	1.0	7.4
AM13653-2	MW 3	1,730	90	< 0.2 *	3.3
AM13653-3	PWRS	2,540	300	175	0.04
Date Analysis Batch Finished:		09/23/08	09/30/08	09/30/08	09/25/08
Time Analysis Batch Finished:		9:00	14:40	17:30	16:45
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		994	50	4.65	0.9255
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		99	100	93	93
% Extraction Accuracy		N/A	101	89	90
Relative Percent Difference		1	0	1	2
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

*Less than the Mimimum Detection Limit.

Mario Rodriguez

Mario Rodriguez, Director.

10-13-08

Date

DP-533

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: 04/12/08 @ 1° C
Reporting Date: 04/29/08
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 04/11/08 @ 13:10
Sample Type: WELL H_2O, WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: ED, SN

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		04/15/08	04/24/08	04/21/08	04/21/08
Time Analysis Batch Started:		12:50	10:10	10:30	11:30
AM12938-1	MW 2	3,000	210	1.6	9.1
AM12938-2	MW 3	1,570	75	0.7	4.0
AM12938-3	PWRS	63,265	410	170	0.12
Date Analysis Batch Finished:		04/16/08	04/24/08	04/22/08	04/21/08
Time Analysis Batch Finished:		17:10	14:00	12:27	15:30
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1000	50	4.86	1.0445
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		100	100	97	104
% Extraction Accuracy		N/A	97	98	100
Relative Percent Difference		0	0	2	1
METHODS: EPA 600/4-79-020,		160.1	4500B-Cl⁻	351.4	353.3

Mario Rodriguez, Director

05-05-08
Date

DP-533

Advanced Analysis, Inc.

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

GROUND WATER

OCT 0 4 2006

BUREAU

ANALYTICAL RESULTS FOR
GLORIETA GEOSCIENCE, INC.
ATTN: ELKE NAUMBERG
1723 SECOND ST.
SANTA FE, NM 87505
PHONE: (505) 983-5446

Receiving Date: 08/11/06
Reporting Date: 08/21/06
Project Number: DP-533
Project Name: DAN DEE DAIRY
Project Location: DEXTER, NM

Sampling Date: 08/10/06
Sample Type: WASTE H_2O
Sample Condition: COOL & INTACT
Sample Received By: RG
Analyzed By: RG, MW

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
Date Analysis Batch Started:		08/15/06	08/17/06	08/17/06	08/17/06
Time Analysis Batch Started:		8:30	15:45	16:00	9:00
AK10846-1	LAGOON	2,265	160	27	0.15
Date Analysis Batch Finished:		08/16/06	08/17/06	08/18/06	08/17/06
Time Analysis Batch Finished:		9:38	17:00	14:10	11:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		984	51	5.12	1.0637
True Value QC		1000	50	5.00	1.0000
% Instrument Accuracy		98	102	102	106
% Extraction Accuracy		N/A	104	90	108
Relative Percent Difference		0	0	5	4
METHODS: EPA 600/4-79-020,		160.1	4500 B-Cl⁻	351.4	353.3

Mario Rodriguez

Mario Rodriguez, Director.

8-21-06
Date

DP-533

State of New Mexico

SCIENTIFIC LABORATORY DIVISION

Department of Health

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
(505) 841-2500

WATER CHEMISTRY SECTION (505) 841-2555

Sample Collection Date: 4/21/2004 **Time:** 10:40 **By:** MCGRATH
Sampling Location: LAGOON
Sample Type: ww

SLD No.: WC-200401384

Request ID No.:	2351099
Received at SLD:	4/23/2004
User:	55410
Subm:	541
WSS #:	0

This Copy of Report for:

NMED Ground Water Section
GW Protection and Remediation Bur.
P.O. Box 26110
Santa Fe, NM 87502

Distribution to:
NMED Ground Water Section {U}
NMED - Ground Water Pollution Prevention Sec

Water Chemistry Section - File Copy

ANALYTICAL RESULTS

Analyte	Result	Units	Analysis Date	EPA Method No.	Minimum Level	Dilution Factor	Sample Det. Limit	Analyst	Data Qualifier
Nitrate + Nitrite	<0.1	mG/L	5/12/2004	353.2	0.1	1	0.1	Vince Speshock	
TKN	349	mG/L	4/27/2004	351.2	0.1	100	10	Jeff Robb	

JUN 17 2004

Laboratory Comments:

Reviewed by Chris Dean
Supervisor, Water Chemistry Section

Date Printed: 26-May-0

Data Qualifier Codes and Definitions

A - See comments section below
D - Spike recovery <80% or >120%
F - Matrix interference suspected
G - Inconsistent results, suggest re-sampling
H - Sample analyzed in duplicate
J - Estimated quantity only, analyte was detected at a level below which an accurate Quantitation can be given
K - Holding time exceeded at laboratory
L - Result for this analyte equals or exceeds EPA MCL
M - Result for this analyte equals or exceeds EPA action level
N - Insufficient sample to verify results
P - Sample rejected/ voided at laboratory
Q - Sample submitted to laboratory past holding time
V - External control value <80% or >120% of theoretical value
W - Ion balance criteria exceeded
X - Daily control value <80% or >120% of theoretical value

DP-533

quest# B4
ample# 94-214-B10-B12
e Sampled 8-1-94
me Sampled 1900
Date Received 8-2-94
Time Received 0953
Date Reported 8-17-94

LABORATORY REPORT

City of Roswell Water & Waste Water Laboratory
2306 East College Street
PO Drawer 1838
Roswell, NM 88201, 88202-1838
Phone (505) 624-6752

Sample Taken By: J & J Testin
Sample Source El Visto Dairy #1 DP-533

Bill To: El Visto Dairy #1
PO Box 411
Dexter NM 88230

Copies To: Mr. Charlie Sparmon Utilities Director
J & J Testing
RR2 - 3661 East Brasher
Roswell, NM 88201

Type of Sample; Grab__X__,Flow Comp.____,Time Comp.____
Flow weighted Time Comp.____

Sample Location: Monitoring Wells & Lagoon

Analyte / Sample Description →	Date Analyzed	MW #1 B10	MW #2 B11	Lagoon B12			Method Detection Limit	Unit Price	Total Price	Method Reference
Calcium (Ca) mg/L										EPA 315.2
Total Hardness (CaCO3) mg/L										EPA 130.2
Magnesium (Mg) mg/L										SM 3500 E
Chloride (Cl) mg/L	8-9-94	431	28.3				0.2mg/L	$8.00	$16.00	EPA 325.3
Sulfate (SO4) mg/L										ASTM D 151-68B
Bicarbonate (HCO3) mg/L										SM 2320
Carbonate (CO3) mg/L										SM 2320
Alkalinity as (CaCO3) mg/L										SM 2320
Sodium (Na) mg/L										EPA 273.1
Potassium (K) mg/L										EPA 258.1
pH (pH units)										SM 4500
Conductivity 25 Degrees C mmhos										SM 2510
Dissolved Solids Evap. mg/L										SM 2450 C
Nitrates (NO3-N)&(NO2-N) mg/L	8-16-94	1.89	127	0.10			0.3mg/L	$17.00	$51.00	EPA 353.3
Nitrate (NO3-N) mg/L										EPA 353.3
Nitrite (NO2-N) mg/L										EPA 353.3
TKN-N mg/L	8-7-94	0.3	2.7	130			0.3mg/L	$17.00	$51.00	EPA 351.3
Ammonia (NH3-N) mg/L	8-7-94	<0.3	0.8	55.1			0.3mg/L	$10 00	$30.00	EPA 350.2
Phosphate Ortho (PO4-P) mg/L										ASTM D 515-72B
Phosphate Total (PO4-P) mg/L										ASTM D 151-72B
Iron (Fe) mg/L										EPA 236.1

This Page Total$ ----------> $148.00

The 1 Page Total ---------- $148.00

The test results reported relate only to the items tested.
Reports shall not be reproduced except in full without the approval of the testing Laboratory.
Any deviations, additions to, or exclusions from the test specifications and any other information relevant to a specific test will be in the note section of the report.
Non-stantard test methods or procedures used will be explained in the note section of the report.
A description of sampling procedures will be found in the note section of the report when relevant.
When necessary, an explanation of measurment uncertainty will be in the note section of the report.

References

ASTM - American Society for Testing Materials
EPA - Methods for Chemical Analysis for Water and Waste "Environmental Protection Agency 1983"
EPA-B - Microbiological Methods for Monitoring the Environmen "Enviromental Protection Agency 1978"
SM - Standard Methods 17th Edition 1989

Notes:

City Chemist Gary Beatty

DP-533

State of New Mexico

SCIENTIFIC LABORATORY DIVISION

Department of Health

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
(505) 841-2500

WATER CHEMISTRY SECTION (505) 841-2555

Sample Collection Date: 4/21/2004 **Time:** 10:40 **By:** MCGRATH
Sampling Location: LAGOON
Sample Type: ww

SLD No.: WC-200401368

Request ID No.:	2351100
Received at SLD:	4/23/2004
User:	55410
Subm:	541
WSS #:	0

RECEIVED
JUN 17 2004

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NMED Ground Water Section
GW Protection and Remediation Bur.
P.O. Box 26110
Santa Fe, NM 87502

Distribution to:
NMED Ground Water Section {U}
NMED - Ground Water Pollution Prevention Secti

Water Chemistry Section - File Copy

ANALYTICAL RESULTS

Analyte	Result	Units	Analysis Date	EPA Method No.	Minimum Level	Dilution Factor	Sample Det. Limit	Analyst	Data Qualifier
Chloride	141	mG/L	5/21/2004	300.0	10	1	10	Vince Speshock	
TDS	1900	mG/L	4/27/2004	160.1	10	1	10	Chris Paul	

DP-533
Highest Wastewater TKN Reported for Most Recent Permit Term (Chloride + TDS)

Laboratory Comments:

Reviewed by Chris Dean
Supervisor, Water Chemistry Section Date Printed: 14-Jun-04

Data Qualifier Codes and Definitions

A - See comments section below
D - Spike recovery <80% or >120%
F - Matrix interference suspected
G - Inconsistent results, suggest re-sampling
H - Sample analyzed in duplicate
J - Estimated quantity only, analyte was detected at a level below which an accurate Quantitation can be given
K - Holding time exceeded at laboratory
L - Result for this analyte equals or exceeds EPA MCL
M - Result for this analyte equals or exceeds EPA action level
N - Insufficient sample to verify results
P - Sample rejected/ voided at laboratory
Q - Sample submitted to laboratory past holding time
V - External control value <80% or >120% of theoretical value
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X - Daily control value <80% or >120% of theoretical value