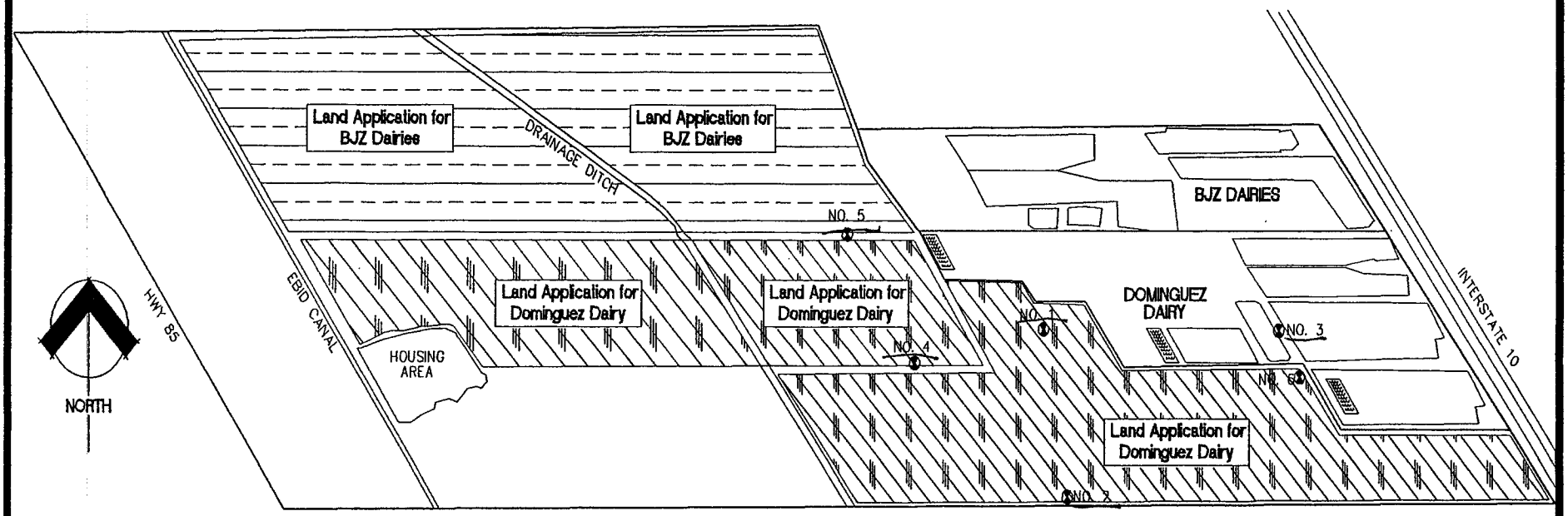


FIGURE 1
DOMINGUEZ FARM
Boundaries of Land Application Areas

Scale: 1" = 1300'	Date: 10/15/98

DP-1024

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: 09/17/09 @ 0 °C
Reporting Date: 09/24/09
Project Number: DP-624
Project Name: DOMINGUEZ DAIRY
Project Location: NOT GIVEN

Sampling Date: 09/15/09 @ 8:35
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:		09/21/09	09/24/09	09/21/09	09/18/09	
Time Analysis Batch Started:		8:10	10:00	8:30	13:30	
AN15160-1	MW 1	2,455	760	0.6	6.5	
AN15160-2	MW 2	3,625	1,260	0.8	19.9	
AN15160-3	MW 4	3,750	840	0.8	9.3	
AN15160-4	MW 5	2,620	530	1.0	34.8	•
AN15160-5	MW 6	3,425	1,150	0.7	27.8	• WW
AN15160-6	MW 7	3,280	960	0.4	50.1	• LA
AN15160-7	MW 8	1,205	200	0.3	2.3	• ug
AN15160-8	PWRS 3	4,900	1,200	205	0.17	
Date Analysis Batch Finished:		09/22/09	09/24/09	09/22/09	09/18/09	
Time Analysis Batch Finished:		9:00	10:40	12:40	16:20	
Blank		< 1	< 1	< 0.3	< 0.03	
Quality Control		980	50	5.07	1.075	
True Value QC		1000	50	5.00	1.000	
% Instrument Accuracy		98	100	101	108	
Hi - Low Limits %		95 - 105	95 - 105	85 - 115	85 - 115	
% Extraction Accuracy		N/A	99	89	102	
Relative Percent Difference		0	0	2	6	
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3	

* Less than the LOQ (Limit Of Quantitation).
This report meets NELAC T104704437-08-TX

Mario Rodriguez
Mario Rodriguez, Director.

09-24-09
Date

11.03.09

DP-624

Dominguez Dairy
P.O. Box 21
Mesquite, NM 88048

Certified Mail No. 7008 1830 0001 0006 9663

October 27, 2009

ENTERED

NOV 02 2009

BY:

Ms. Shawna Clark
Ground Water Quality Bureau
Environment Department
PO Box 5469
Santa Fe, NM 87502-5469

Re: Dominguez Dairy, DP-624, September 30, 2009 Monitoring Report

Dear Ms. Clark:

Mike Dolan of Native-7, Inc., sampled the monitor wells on September 15, 2009, and measured the static water levels as follows:

MW 1	22.71'
MW 2	14.75'
MW 4	12.61'
MW 5	14.42'
MW 6	48.89'
MW 7	53.17'
MW 8	15.15'

I am submitting a corrected LADS for D 10/11 to be included with the June 30, 2009 monitoring report.

If you have any questions regarding this report, please contact Cathy Wyant at EnviroCompliance Services, Inc. (575)762-9674.

Sincerely,

Isaac Dominguez, Jr.

Attachments: LADS, 6-30-09 Report
Site Map
Results from Monitor Well & PWRS Samples
Soil Sampling Analysis, Soil, Water, & Agricultural Testing Lab

DP-624

Advanced Analysis, Inc.

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

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

Receiving Date: 06/05/09 @ 0 °C
Reporting Date: 06/16/09
Project Number: DP-624
Project Name: DOMINGUEZ DAIRY
Project Location: NOT GIVEN

Sampling Date: 06/03/09 @ 9:00
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:		06/09/09	06/11/09	06/09/09	06/12/09
Time Analysis Batch Started:		10:15	14:20	8:40	14:35
AN14698-1	MW 1	2,790	810	0.7	16.1
AN14698-2	MW 2	3,905	1,340	0.4	29.4
AN14698-3	MW 4	2,900	520	0.6	16.0
AN14698-4	MW 5	2,650	500	1.3	33.8
AN14698-5	MW 6	4,300	70	0.8	38.3
AN14698-6	MW 7	4,980	1,525	0.8	75.2
AN14698-7	MW 8	1,280	210	0.7	1.7
AN14698-8	PWRS 3	5,160	1,080	335	0.10
Date Analysis Batch Finished:		06/10/09	09/11/09	06/09/09	06/12/09
Time Analysis Batch Finished:		17:00	17:05	17:10	16:40
Blank		< 1	< 1	< 0.2	< 0.01
Quality Control		1004	50	5.12	0.7249
True Value QC		1000	50	5.00	0.7500
% Instrument Accuracy		100	100	102	97
Hi - Low Limits %		90 - 110	95 - 105	85 - 115	85 - 115
% Extraction/Accuracy		N/A	101	89	98
Relative Percent Difference		0	0	1	7
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3

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

Mario Rodriguez

Mario Rodriguez, Director.

06-16-09
Date

14.09

GROUND WATER

APR 0 2 2009

BUREAU

ENTERED

Dominguez Dairy
P.O. Box 21
Mesquite, NM 88048

Certified Mail No. 7008 2810 0000 0976 1982

March 31, 2009

Ms. Shawna Clark
Ground Water Quality Bureau
Environment Department
PO Box 5469
Santa Fe, NM 87502-5469

Re: Dominguez Dairy, DP-624, March 30, 2009 Monitoring Report

Dear Ms. Clark:

Mike Dolan of Native-7, Inc., sampled the monitor wells on March 14, 2009, and measured the static water levels as follows:

MW 1	23.30'
MW 2	15.70'
MW 4	14.60'
MW 5	13.41'
MW 6	48.90'
MW 7	53.72'
MW 8	16.12'

I have not received the signed laboratory analysis from Advanced Analysis, Inc. I will forward it to you when it arrives.

If you have any questions regarding this report, please contact Cathy Wyant at EnviroCompliance Services, Inc. (575)762-9674.

Sincerely,

Isaac Dominguez, Jr.

Attachments: Sit Map
Results from Monitor Well & PWRS Samples

DP-624

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: 03/16/09 @ 0 °C
Reporting Date: 03/27/09
Project Number: DP-624
Project Name: DOMINGUEZ DAIRY
Project Location: NOT GIVEN

Sampling Date: 03/14/09 @ 07:25
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:		03/18/09	03/25/09	03/25/09	03/16/09	
Time Analysis Batch Started:		15:30	16:50	12:45	14:00	
AN14360-1	MW 1	3,305	1,190	0.3	21.9	
AN14360-2	MW 2	3,655	1,240	0.4	26.5	
AN14360-3	MW 4	2,820	520	0.6	18.1	
AN14360-4	MW 5	2,565	490	1.2	23.9	
AN14360-5	MW 6	3,800	1,300	0.3	36.5	•mw
AN14360-6	MW 7	3,580	1160	0.3	54.3	•ch
AN14360-7	MW 8	1,165	205	< 0.2 *	1.8	•mg
AN14360-8	PWRS 3	4,140	780	290	0.86	
Date Analysis Batch Finished:		03/19/09	03/25/09	03/26/09	03/16/09	
Time Analysis Batch Finished:		11:30	17:30	12:35	17:55	
Blank		< 1	< 1	< 0.2	< 0.01	
Quality Control		978	50	4.79	1.1515	
True Value QC		1000	50	5.00	1.0000	
% Instrument Accuracy		98	100	96	115	
% Extraction Accuracy		N/A	99	88	112	
Relative Percent Difference		0	0	2	4	
METHODS: EPA 600/4-79-020,		SM2540 C	SM4500B-Cl⁻	351.4	353.3	

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

Mario Rodriguez

Mario Rodriguez, Director.

03-27-09
Date

ADVANCED ANALYSIS, INC.
P.O. BOX 16652 • LUBBOCK TX 79490 • 5601 - 19TH ST. • LUBBOCK, TX 79407
TEL.: (806) 796-2805 • FAX: (806) 796-2825

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name:
Project Manager:
Address:
City:
Phone #:
Fax #:
Project #:
Project Name:
Project Location:

Company:
EnviroCompliance Services, Inc.
Project Manager: Cathy Wyant
564 State Rd 523
Clovis, NM 88101
Ph: (575) 762-9674
Fax: (575) 762-3749
Project #: DP-624
Project Name: Dominguez Dairy
Project Location: NM

Bill To:
Dominguez Dairy
PO Box 21
Mesquite, NM 88048

Attn: Isaac Dominguez
Phone: 575-649-7435

PO #:

Zip:

ANALYSIS REQUEST

TCLP:
TOTAL:

A A # (Lab Use)	Sample Identification	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERVATION: ACID:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	BOD / TSS / pH	TDS / Cl / SAR / EC	TKN / NO3 / NO2 / NH3	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	Pest. / Herb.	BTEX / MTBE	TPH	PCBs	Petro H2O Analysis
AN14360-1	MW1	2	✓						✓	✓		3-14-09	9:00A.		✓	✓								
-2	MW2	2	✓						✓	✓			9:40A.		✓	✓								
	~~MW3~~	~~2~~	~~✓~~						~~✓~~	~~✓~~					~~✓~~	~~✓~~								
-3	MW4	2	✓						✓	✓			10:20A.		✓	✓								
-4	MW5	2	✓						✓	✓			11:40A.		✓	✓								
-5	MW6	2	✓						✓	✓			8:15 A.		✓	✓								
-6	MW7	2	✓						✓	✓			7:15A.		✓	✓								
-7	MW8	2	✓						✓	✓			11:00A.		✓	✓								
	~~PWRS1~~	~~2~~	~~✓~~						~~✓~~	~~✓~~					~~✓~~	~~✓~~								
	~~PWRS2~~	~~2~~	~~✓~~						~~✓~~	~~✓~~					~~✓~~	~~✓~~								
-8	PWRS3	2		✓					✓	✓			7:25A.		✓	✓								

Sampler Relinquished: Ben Carter
Date: 3-16-09
Time: 12:30 PTX

Received By:

Phone Results: ☐ Yes ☐ No
Fax Results: ☐ Yes ☐ No
Additional Fax #:

Relinquished By:
Date:
Time:

Received By: (Lab Staff) Dani Rodriguez
3-16-09
12:55

Delivered By: (Circle One)
UPS - Fed Ex - Bus - USPS - Other: Self

Sample Condition
Cool: ☑ Yes ☐ No
Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) JC / [illegible]

PLEASE NOTE: Liability and Damages. A A's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by A A within 30 days after completion of the applicable service. In no event shall A A be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by A A, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

White - AA COPY Yellow - CUSTOMER COPY

ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

ANALYTICAL SUMMARY REPORT

December 19, 2008

Deepthi Matta
Archana Laboratories
1155 Larry Mahan Dr Ste B
El Paso, TX 79925

Workorder No.: T08120033 Quote ID: T1709 - Nitrate analysis

Project Name: Dominguez Dairy

Energy Laboratories Inc. received the following 8 samples for Archana Laboratories on 12/10/2008 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
T08120033-001	120208006-1 / 624-01	12/02/08 14:20	12/10/08	Water	Nitrogen, Nitrate + Nitrite
T08120033-002	120208006-2 / 624-02	12/02/08 15:15	12/10/08	Water	Same As Above
T08120033-003	120208006-4 / 624-04	12/02/08 15:00	12/10/08	Water	Same As Above
T08120033-004	120208006-5 / 624-05	12/02/08 14:30	12/10/08	Water	Same As Above
T08120033-005	120208006-6 / 624-06	12/02/08 14:00	12/10/08	Water	Same As Above
T08120033-006	120208006-7 / 624-07	12/02/08 13:20	12/10/08	Water	Same As Above
T08120033-007	120208006-8 / 624-08	12/02/08 [illegible]	12/10/08	Water	Same As Above
T08120033-008	120208006-3 / Lagoon	12/02/08 15:30	12/10/08	Water	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results please call.

cn=Gary Pudge, o=Energy Laboratories, Inc., ou=Branch Manager, email=gpudge@energylab.com, c=US
I am approving this document
2008.12.19 12:46:35 -06'00'

Report Approved By:

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Archana USA, Inc	Dominguez Dairy	State: NM	Yes ☐ No ☐

Report Mail Address:	Contact Name: / Phone/Fax:	Email:	Sampler: (Please Print)
1155 Larry Mahan Dr. Ste - B El Paso, TX 79925	Deepthi Mutta Ph - 915-599-2183 Fax - 915-592-4659	dmutta@archanausa.com	Keith Pehle

Invoice Address:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:
SAME AS ABOVE	Elizabeth Molina 915-599-2183		T1709

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☒ EDD/EDT (Electronic Data) Format: PDF
- ☐ LEVEL IV
- ☐ NELAC

ANALYSIS REQUESTED

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by:

Cooler ID(s):

Receipt Temp ____ °C

On Ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Nitrate									SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	120208006-1 / 624-01	12-2-08	1420	Well water	X												GRAB
2	120208006-2 / 624-02	12-2-08	1515	Well water	X												
3	120208006-4 / 624-04	12-2-08	1500	Well water	X												
4	120208006-5 / 624-05	12-2-08	1430	Well water	X												
5	120208006-6 / 624-06	12-2-08	1400	Well water	X												
6	120208006-7 / 624-07	12-2-08	1320	Well water	X												
7	120208006-8 / 624-08	12-2-08	1445	Well water	X												
8	120208006-3 / Lagoon	12-2-08	1530	Waste water	X												
9																	
10																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Keith Pehle	12-9-08/1800	Keith Pehle			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time:	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

DP-024

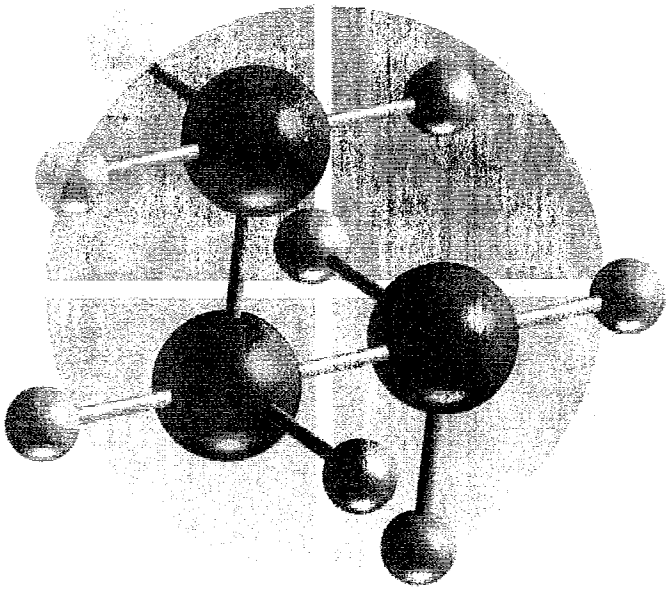
ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-008
Client Sample ID 120208006-3 / Lagoon

Report Date: 12/19/08
Collection Date: 12/02/08 15:30
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	HD	1.0		E353.2	12/18/08 14:19 / cgl
- The sample was received after the holding time had expired.							



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

The results represented within this report relate only to the samples as submitted.
This report may not be reproduced except in full without the written consent of Energy Laboratories, Inc.

DP-624

ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

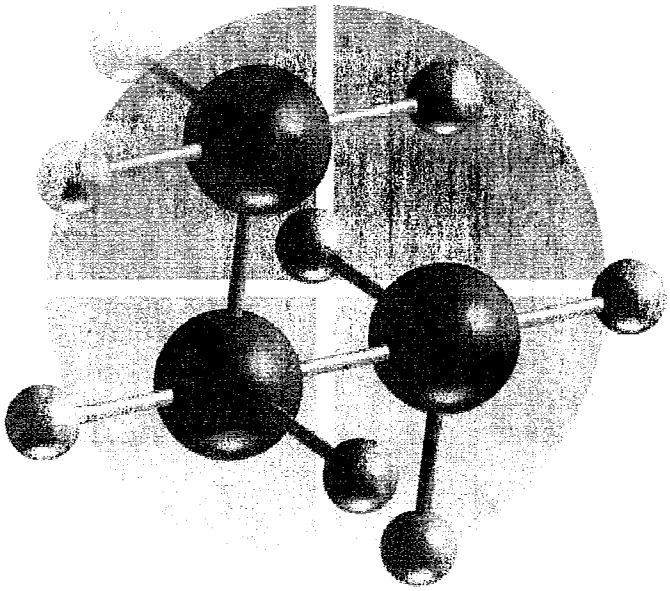
LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-007
Client Sample ID 120208006-8 / 624-08

Report Date: 12/19/08
Collection Date: 12/02/08 14:45
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	2.8	mg/L	HD	1.0		E353.2	12/18/08 14:18 / cgl

- The sample was received after the holding time had expired.



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

The results represented within this report relate only to the samples as submitted.
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DP-624

ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

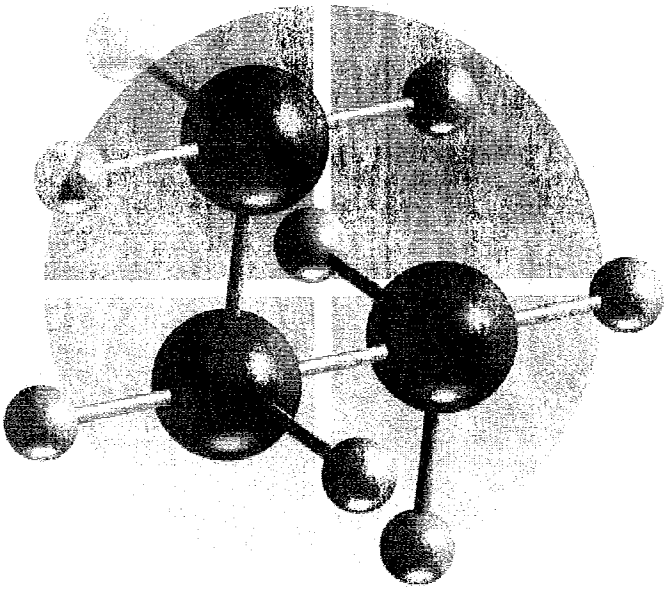
LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-001
Client Sample ID 120208006-1 / 624-01

Report Date: 12/19/08
Collection Date: 12/02/08 14:20
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	29	mg/L	HD	1.0		E353.2	12/18/08 14:05 / cgl

- The sample was received after the holding time had expired.



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

The results represented within this report relate only to the samples as submitted.
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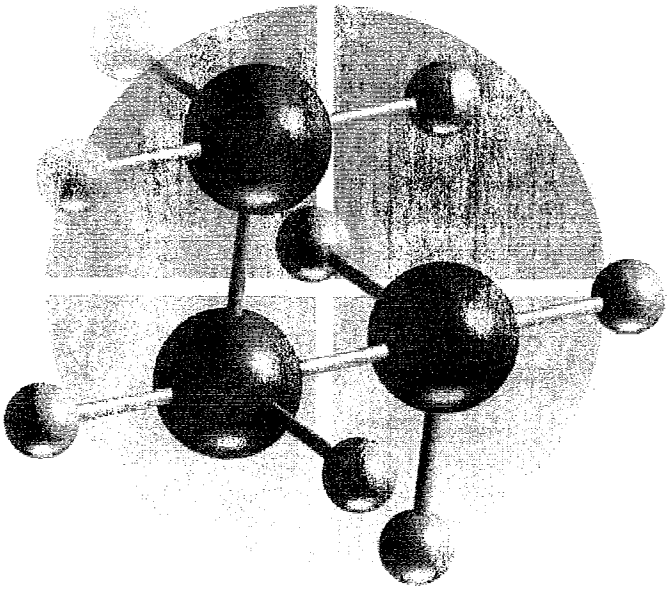
ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-002
Client Sample ID 120208006-2 / 624-02

Report Date: 12/19/08
Collection Date: 12/02/08 15:15
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	17	mg/L	HD	1.0		E353.2	12/18/08 14:13 / cgl
- The sample was received after the holding time had expired.							



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

The results represented within this report relate only to the samples as submitted.
This report may not be reproduced except in full without the written consent of Energy Laboratories, Inc.

DP-624

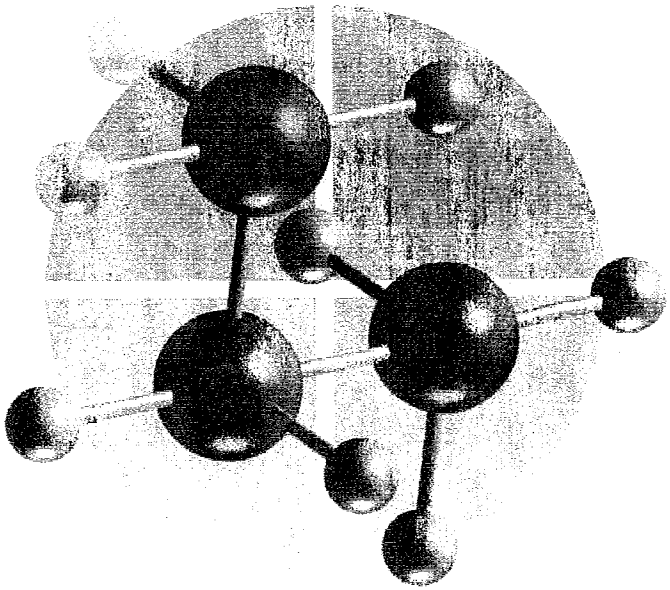
ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-003
Client Sample ID 120208006-4 / 624-04

Report Date: 12/19/08
Collection Date: 12/02/08 15:00
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	20	mg/L	HD	1.0		E353.2	12/18/08 14:14 / cgl
- The sample was received after the holding time had expired.							



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

The results represented within this report relate only to the samples as submitted.
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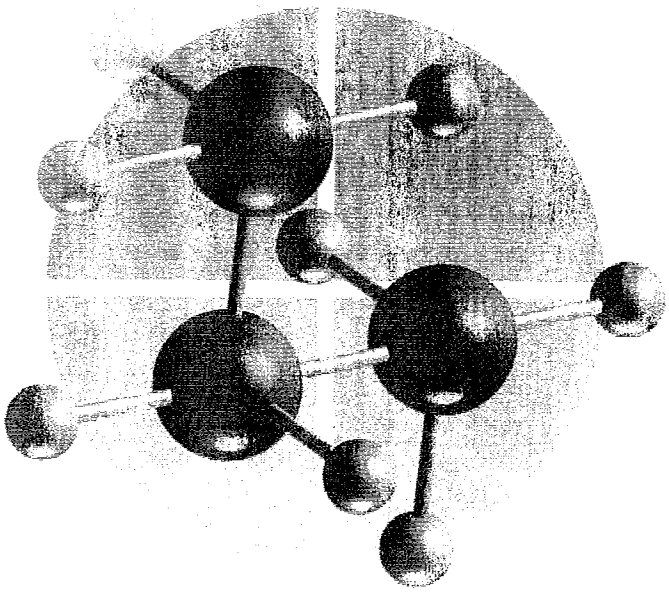
ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-004
Client Sample ID 120208006-5 / 624-05

Report Date: 12/19/08
Collection Date: 12/02/08 14:30
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	38	mg/L	HD	1.0		E353.2	12/18/08 14:15 / cgl
- The sample was received after the holding time had expired.							



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

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DP-624

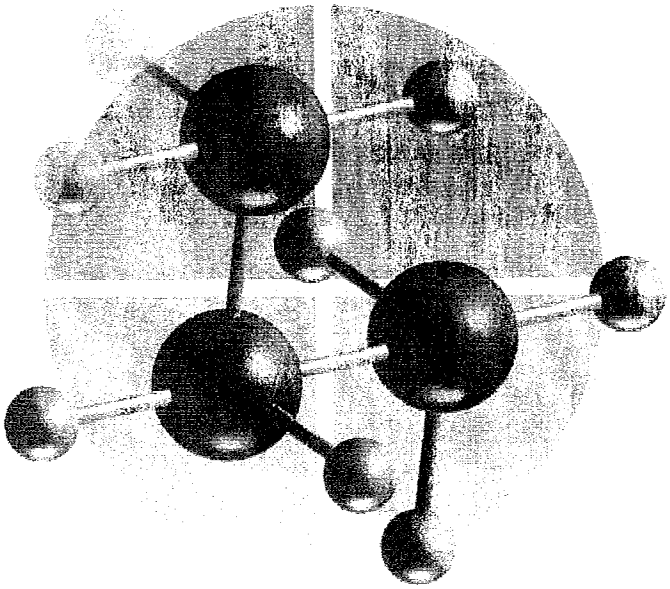
ENERGY LABORATORIES, INC. * 415 Graham Rd * College Station, TX 77845
Toll Free 888.690.2218 * 979.690.2217 * FAX 979.690.2045

LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-005
Client Sample ID 120208006-6 / 624-06

Report Date: 12/19/08
Collection Date: 12/02/08 14:00
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	39	mg/L	HD	1.0		E353.2	12/18/08 14:16 / cgl
- The sample was received after the holding time had expired.							



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

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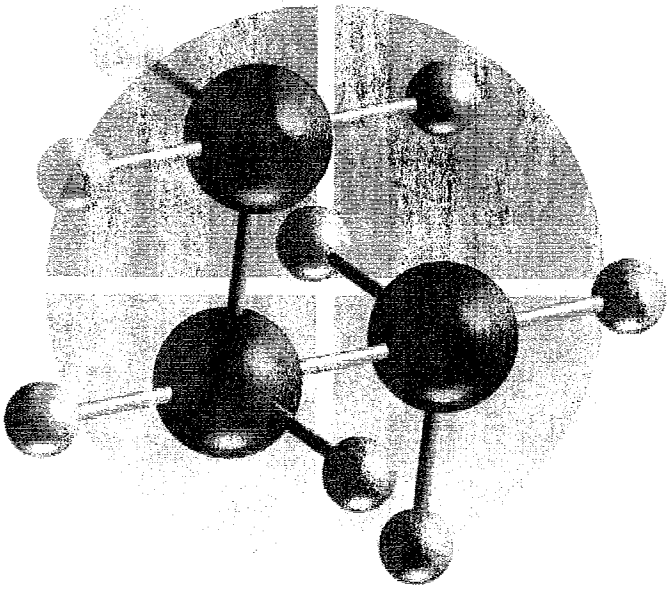
LABORATORY ANALYTICAL REPORT

Client: Archana Laboratories
Project: Dominguez Dairy
Lab ID: T08120033-006
Client Sample ID 120208006-7 / 624-07

Report Date: 12/19/08
Collection Date: 12/02/08 13:20
DateReceived: 12/10/08
Matrix: Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	47	mg/L	HD	1.0		E353.2	12/18/08 14:17 / cgl
- The sample was received after the holding time had expired.							



Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

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DR. JACQUEZ

F1784(02/84)

NEW MEXICO STATE UNIVERSITY
SOIL & WATER TESTING LAB.
BOX 3Q NMSU
LAS CRUCES, NEW MEXICO 88003

CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

Date received	Lab No.	user code No.
1-2-9	38608	

TYPE or PRINT with Ball Point Pen

CHEMICAL ANALYSES: *Check individual items for analysis* [*Mark appropriate box(es)*]

INTERIM PRIMARY PARAMETER GROUP: ☐ 1 ☐ 2 ☐ 3

TYPE of CHEMICAL ANALYSIS: ☐ Complete Secondary

Water Supply System Name	Water Supply System Code No.	City or Location	County	Check one:
DOMINGUEZ DAIRY		MESQUITE, NM	DONA ANA	☑ TREATED WATER ☐ RAW WATER

Collection Date	Collection Time	Collection Point	Collector's remarks	Report to
12-28-91		DM-2	DM-2 (NELL)	DOMINGUEZ DAIRY

Collected By	Owner	Address
G. TELLEZ		BOX-21 MESQUITE, NM-88021

TYPE of SYSTEM *(Check one)*: ☐ PRIVATE PUBLIC: ☐ Community ☐ Non-community

SOURCE: ☐ Spring ☐ Lake ☐ Well-Depth ☐ Drain ☐ Stream ☐ Pool ☐ Other *(specify)*

LAT. ° ' "
LONG ° ' "

CATIONS	mg/l	ANIONS	mg/l	PHYSICAL	mg/l	HEAVY METALS	mg/l	PARAMETER	mg/L	PARAMETER	mg/l
Sodium (as Na)		X Chloride (as Cl)	1195	Total Filterable Residue		Arsenic		X NH4	.16		
Potassium (as K)		Fluoride (as F)		Foaming Agents (as Las)		Barium		X TKN	.6		
Tot.Hardness (as CaCO3)		X Nitrate (as N)	18.65	Conductance Micromhos 25°C		Cadmium		X I			
Calcium (as Ca)		Alkalinity (as $CaCO_3$)		pH		Chromium					
Magnesium (as Mg)		Bicarbonate (as HCO_3)		Odor		Lead					
Iron-Total (as Fe)		Carbonate (as CO_3)		Color	mg/l	Mercury					
Manganese (as Mn)		Sulfate (as SO_4)		Turbidity		Selenium					
						Silver					

LABORATORY REMARKS:

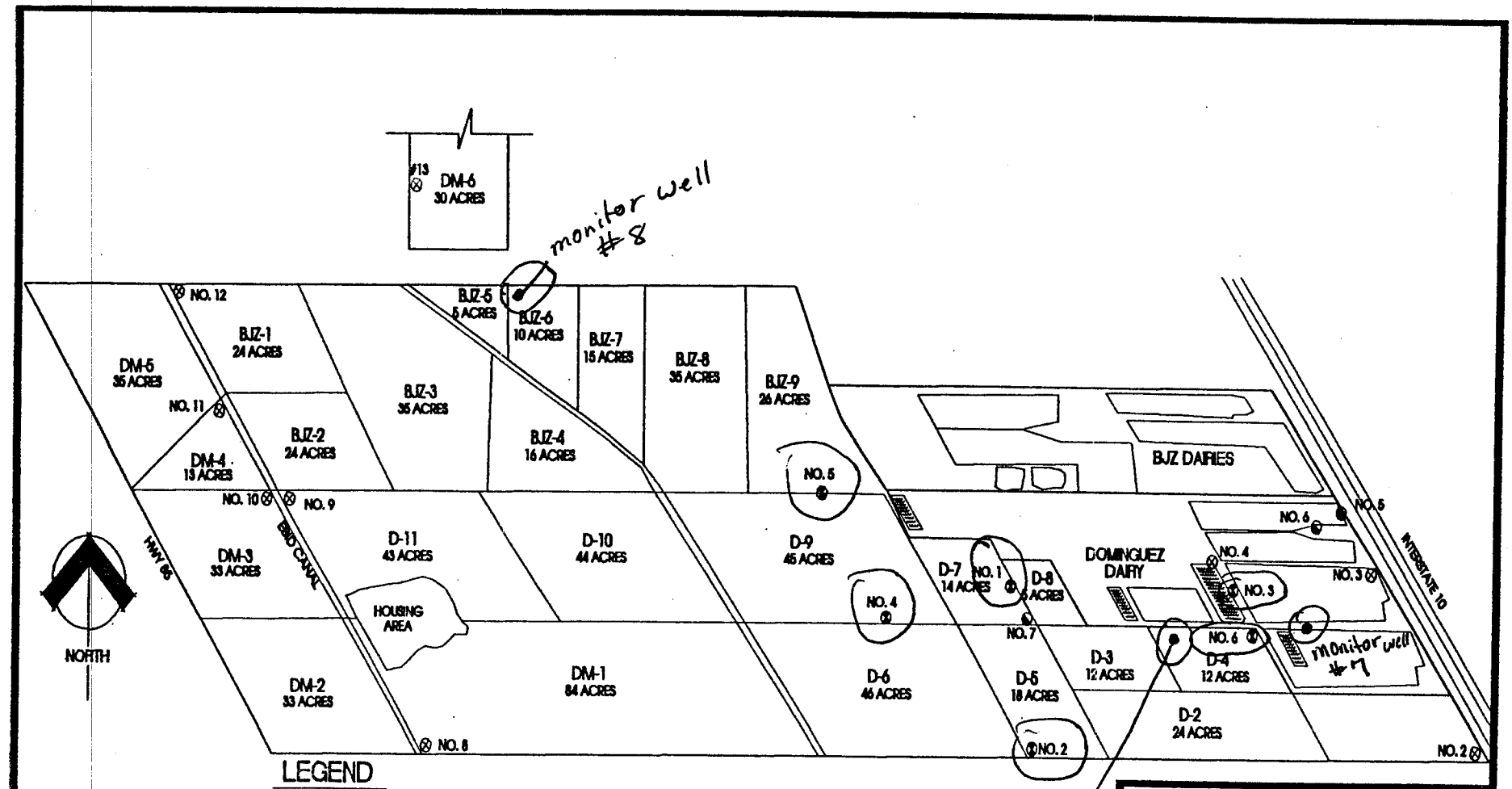
Reviewed by: Andrew LeBrett
Date reported: 1-28-92

DISTRIBUTION: White - Water Supply Regulation, SF • Canary • WS System • Pink - EIA Regional Office • Goldenrod

Lab: land app. MW

0284PDC200

01-029



LEGEND

D- # : Land Application of Wastewater from Dominguez Dairy
BJZ- # : Land Application of Wastewater from BJZ Daries
DM- # : Land Application of Manure from Dominguez Dairy (Three Year Rotation)

⊗ : Monitoring Well

⊗ : Irrigation Well

◐ : Stock Well

FIGURE 2
DOMINGUEZ FARM
Field Layout for Land Application Records

Scale: 1" = 1300'

Date: 10/24/98

Archana, Inc.

Client Information:
Dominguez Dairy, Inc.
P. O. Box 21
Mesquite, New Mexico 88048
Attn: Mr. Isaac Dominguez

SEP 27 2001
GROUND WATER BUREAU

Laboratory Project No: 090701015
Sample Collection Date: 09-07-2001
Report Date: 09-20-2001

Report of Monitoring of Wells, Lagoons, and Analytical Record

Laboratory ID	Sample Collection Date	Well or Lagoon No.	Well dia. (In.)	Depth to water surface (Ft.)	Total depth of the well (Ft.)	Nitrate (as N) (mg/l)	Total Kjeldahl Nitrogen (as N) (mg/l)	Chloride (mg/l)	Total dissolved Solids (mg/l)
090701015-1	09-07-01	1	4	20.25	47.0	79.8	0.84	1110	3553
090701015-2	09-07-01	2	4	14.5	37.8	41.2	1.06	1038	3413
090701015-3	09-07-01	3	4	55.9	71.7	126	0.84	1520	4387
090701015-4	09-07-01	4	4	13.3	18.8	49.6	0.56	372	2353
090701015-5	09-07-01	5	4	11.5	17.0	17.7	1.26	212	1393
090701015-6	09-07-01	6	4	47.9	52.9	24.9	3.22	908	2560
090701015-7	09-07-01	Lagoon	N/a	N/a	N/a	1.62	30.31	N/a	N/a

Additional Information:

Parameter:	**Method Ref:**	**Date Analyzed:**	**Analyst:**
Nitrate (as N)	SM 4500-NO_3-C	09-14-01	TX. A&M Research Center at El Paso
Total Kjeldahl Nitrogen (as N)	EPA 351.3	09-12-01	Yang
Chloride	EPA 325.2	09-11-01	Yang
Total dissolved Solids	EPA 160.1	09-10-01	Yang

Pratap G. Reddy, M.S.
Archana, Inc.

DP-624

Lowest Wastewater TKN Reported
For Most Recent Permit Term

1155 Larry Mahan Drive, Suite B • El Paso, Texas 79925
(915) 599-2183 • Fax 599-8849 • E-mail: archanainc@aol.com
Visit Our Website at: http://members.aol.com/archanainc/archanainc.htm

Archana, Inc.

RECEIVED
JUL 15 2002

Client Information:
Dominguez Dairy, Inc.
P. O. Box 21
Mesquite, New Mexico 88048
Attn: Mr. Isaac Dominguez

Laboratory Project No: 062102021
Sample Collection Date: 06-21-02
Report Date: 07-06-02

Report of Monitoring of Wells, Lagoons, and Analytical Record

Laboratory ID	Sample Collection Date	Well or Lagoon No.	Well dia. (In.)	Depth to water surface (Ft.)	Total depth of the well (Ft.)	Nitrate (as N) (mg/l)	Total Kjeldahl Nitrogen (as N) (mg/l)	Chloride (mg/l)	Total dissolved Solids (mg/l)
062102021-1	06-21-02	1	4	18.9	47.0	28.1	2.24	1220	3047
062102021-2	06-21-02	2	4	11.9	37.75	6.81	0.84	1240	3440
062102021-3	06-21-02	3	4	54.5	71.75	117	1.4	1940	5580
062102021-4	06-21-02	4	4	10.0	18.12	20.0	0.56	500	1913
062102021-5	06-21-02	5	4	9.25	15.9	23.5	0.84	300	1350
062102021-6	06-21-02	6 (old)	4	47.9	55.0	29.3	0.56	1140	3383
062102021-7	06-21-02	6 (new)	4	45.5	52.8	33.9	0.84	1220	3620
062102021-8	06-21-02	7	4	51.5	56.75	12.4	0.84	860	2247
062102021-9	06-21-02	8	4	11.9	20.5	4.53	0.84	200	1187
062102021-10	06-21-02	Lagoon	N/a	N/a	N/a	< 0.047	515	1375	6617

Additional Information:

Parameter:	**Method Ref:**	**Date Analyzed:**	**Analyst:**
Nitrate (as N)	SM 4500-NO_3-C	06-25-02	TX. A&M Research Center at El Paso
Total Kjeldahl Nitrogen (as N)	EPA 351.3	06-24-02	F. Ramirez
Chloride	EPA 325.2	07-05-02	F. Ramirez
Total dissolved Solids	EPA 160.1	07-03-02	F. Ramirez

Pratap G. Reddy, M.S.
Archana, Inc.

DP-624

Highest Wastewater TKN Reported
For Most Recent Permit Term

1155 Larry Mahan Drive, Suite B • El Paso, Texas 79925
(915) 599-2183 • Fax 599-8849 • E-mail: archanainc@aol.com
Visit Our Website at: http://members.aol.com/archanainc/archanainc.htm

Archana, Inc
Environmental and Geotechnical Engineering Consultants

Client Information:
Dominguez Dairy, Inc
P. O. Box 21
Mesquite, New Mexico 88048
ATTN: Mr. Isaac Dominguez
Laboratory Project No: 120208006
Sample Collection Date: 12-02-08
Report Date: 12-23-08

Report of Monitoring of Wells, Lagoons, and Analytical Record

Laboratory ID	Sample Collection Date	Well or Lagoon No.	Well dia. (In.)	Depth to water surface (Ft.)	Total depth of the well (Ft.)	Nitrate (as N) (mg/l)	Total Kjeldahl Nitrogen (as N) (mg/l)	Chloride (mg/l)	Total dissolved Solids (mg/l)
120208006-1	12-02-08	624-01	4	23.00	48.80	29	ND	1340	3662
120208006-2	12-02-08	624-02	4	15.30	39.00	17	ND	1390	3754
120208006-4	12-02-08	624-04	4	12.65	17.00	20	ND	415	2512
120208006-5	12-02-08	624-05	4	12.66	17.45	38	ND	495	2536
120208006-6	12-02-08	624-06	4	48.70	53.30	39	ND	1240	3544
120208006-7	12-02-08	624-07	4	53.40	57.10	47	ND	1180	6688
120208006-8	12-02-08	624-08	4	14.90	20.00	2.8	ND	205	1108
120208006-3	12-02-08	Lagoon	N/A	N/A	N/A	ND	202	1075	7464

ND: Not Detectable
NA: Not Applicable

Additional Information:

Parameter:	**Method Ref:**	**Date Analyzed:**	**Analyst:**
Nitrate (as N)	E353.2	12-18-08	Energy Laboratories
Total Kjeldahl Nitrogen (as N)	EPA 351.3	12-22-08	Maria Petrikat
Chloride	EPA 325.2	12-09-08	Maria Petrikat
Total dissolved Solids	EPA 160.1	12-04-08	Maria Petrikat

DP-624

Recent Wastewater TKN Analysis

Pratap G. Reddy, Ph.D., P.E
ArchanaUSA, Inc

1155 Larry Mahan Drive, Suite B, El Paso, Texas 79925
Tel: (915) 599-2183, Fax: (915) 592-4659 www.archanaUSA.com e-mail preddy@archanausa.com